

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044961.D
 Acq On : 28 Sep 2021 23:47
 Operator : SY/MD
 Sample : VU0928WBS03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBS03

Quant Time: Sep 29 05:49:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.378	168	153054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	285611	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	274687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	136512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	141999	55.735	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.460%			
35) Dibromofluoromethane	5.295	113	98440	54.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.280%			
50) Toluene-d8	7.902	98	392945	55.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.400%			
62) 4-Bromofluorobenzene	10.635	95	146839	49.961	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	38375	20.247	ug/l	99
3) Chloromethane	1.523	50	46748	19.042	ug/l	99
4) Vinyl Chloride	1.607	62	51643	21.068	ug/l	99
5) Bromomethane	1.858	94	34828	36.221	ug/l	99
6) Chloroethane	1.935	64	34457	18.298	ug/l	100
7) Trichlorofluoromethane	2.141	101	66353	20.497	ug/l	100
8) Diethyl Ether	2.382	74	30055	20.259	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.584	101	36396	19.770	ug/l	98
10) Methyl Iodide	2.729	142	33295	16.944	ug/l	96
11) Tert butyl alcohol	3.179	59	52824	72.240	ug/l	100
12) 1,1-Dichloroethene	2.584	96	36896	20.332	ug/l	96
13) Acrolein	2.491	56	12170	87.418	ug/l	96
14) Allyl chloride	2.928	41	65426	19.482	ug/l	96
15) Acrylonitrile	3.317	53	140367	95.183	ug/l	98
16) Acetone	2.629	43	120909	79.950	ug/l	100
17) Carbon Disulfide	2.800	76	105337	19.664	ug/l	97
18) Methyl Acetate	2.951	43	85592	19.365	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	140766	20.095	ug/l	99
20) Methylene Chloride	3.051	84	45726	20.074	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	40198	20.250	ug/l	96
22) Diisopropyl ether	3.999	45	133965	19.539	ug/l	99
23) Vinyl Acetate	3.964	43	554118	99.371	ug/l	97
24) 1,1-Dichloroethane	3.877	63	80744	20.515	ug/l	100
25) 2-Butanone	4.706	43	189365	88.133	ug/l	97
26) 2,2-Dichloropropane	4.671	77	53322	16.024	ug/l	98
27) cis-1,2-Dichloroethene	4.674	96	47554	20.283	ug/l	96
28) Bromochloromethane	4.980	49	32118	19.688	ug/l	96
29) Tetrahydrofuran	5.054	42	123200	96.323	ug/l	95
30) Chloroform	5.095	83	80038	20.176	ug/l	98
31) Cyclohexane	5.391	56	74231	19.181	ug/l	92
32) 1,1,1-Trichloroethane	5.324	97	66832	20.418	ug/l	99
36) 1,1-Dichloropropene	5.533	75	59031	19.764	ug/l	99
37) Ethyl Acetate	4.809	43	73586	18.620	ug/l	98
38) Carbon Tetrachloride	5.533	117	50960	19.717	ug/l	99
39) Methylcyclohexane	6.767	83	68580	18.704	ug/l	96
40) Benzene	5.780	78	175195	19.694	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	39078	19.208	ug/l	97
42) 1,2-Dichloroethane	5.800	62	69312	19.824	ug/l	100
43) Isopropyl Acetate	5.915	43	111307	18.721	ug/l	99
44) Trichloroethene	6.546	130	41887	19.971	ug/l	97
45) 1,2-Dichloropropane	6.796	63	46047	19.524	ug/l	98
46) Dibromomethane	6.922	93	31435	19.785	ug/l	98
47) Bromodichloromethane	7.111	83	61285	19.866	ug/l	99
48) Methyl methacrylate	6.964	41	52726	18.219	ug/l	95
49) 1,4-Dioxane	6.967	88	17609	207.045	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	373722	86.343	ug/l	98
52) Toluene	7.973	92	110361	19.822	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	64864	18.387	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	71038	19.332	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	44303	19.098	ug/l	98
56) Ethyl methacrylate	8.336	69	72398	17.308	ug/l	99
57) 1,3-Dichloropropane	8.581	76	80672	19.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	87814	77.529	ug/l	97
59) 2-Hexanone	8.687	43	293046	83.140	ug/l	98
60) Dibromochloromethane	8.812	129	42058	18.531	ug/l	98
61) 1,2-Dibromoethane	8.928	107	46866	19.006	ug/l	99
64) Tetrachloroethene	8.555	164	37448	20.888	ug/l	99
65) Chlorobenzene	9.449	112	112247	19.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	37608	18.705	ug/l	99
67) Ethyl Benzene	9.574	91	209760	19.793	ug/l	99
68) m/p-Xylenes	9.697	106	159756	38.803	ug/l	98
69) o-Xylene	10.105	106	78460	19.201	ug/l	99
70) Styrene	10.118	104	130162	18.988	ug/l	99
71) Bromoform	10.295	173	30337	16.505	ug/l #	97
73) Isopropylbenzene	10.488	105	205082	20.173	ug/l	99
74) N-amyl acetate	10.324	43	91694	17.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	76762	17.451	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	72428m	18.190	ug/l	
77) Bromobenzene	10.787	156	46624	18.993	ug/l	97
78) n-propylbenzene	10.909	91	245647	19.829	ug/l	99
79) 2-Chlorotoluene	10.989	91	146536	18.870	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	175158	19.668	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	21152	14.742	ug/l	97
82) 4-Chlorotoluene	11.098	91	172513	19.654	ug/l	100
83) tert-Butylbenzene	11.423	119	164490	18.989	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	171902	19.511	ug/l	99
85) sec-Butylbenzene	11.648	105	219360	19.664	ug/l	100
86) p-Isopropyltoluene	11.796	119	179331	19.985	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	88426	18.810	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	90712	18.863	ug/l	97
89) n-Butylbenzene	12.214	91	161765	19.572	ug/l	100
90) Hexachloroethane	12.481	117	29083	17.948	ug/l	94
91) 1,2-Dichlorobenzene	12.214	146	90877	18.911	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	19046	18.351	ug/l	96
93) 1,2,4-Trichlorobenzene	13.844	180	53090	19.824	ug/l	98
94) Hexachlorobutadiene	14.024	225	21309	19.061	ug/l	98
95) Naphthalene	14.089	128	194418	19.302	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	53943	20.056	ug/l	100

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MSVOA_U
ClientSampleId :
VU0928WBS03

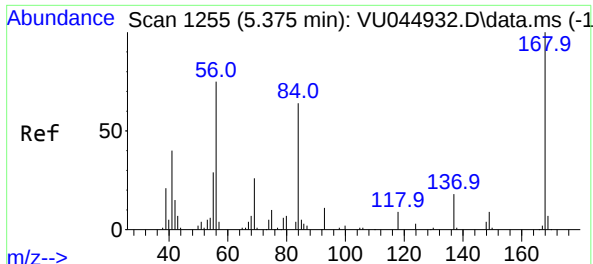
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

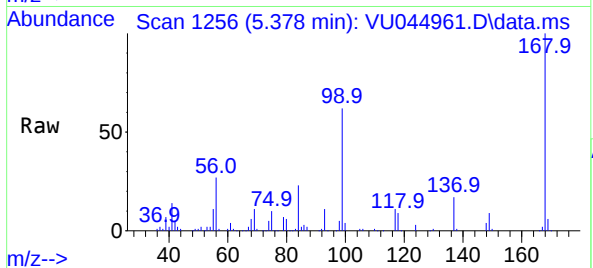
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

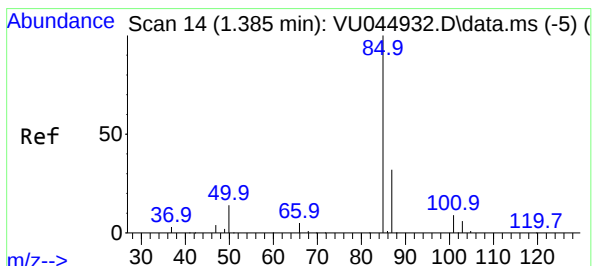
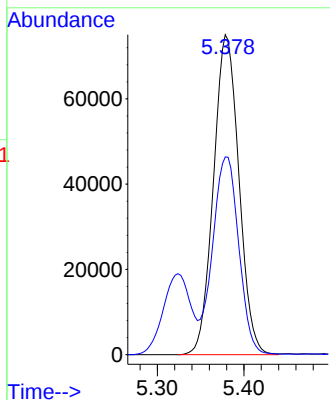
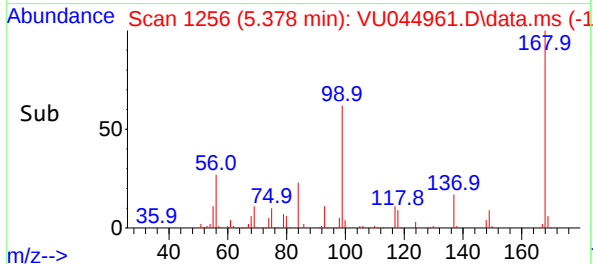
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



Tgt Ion:168 Resp: 153054
Ion Ratio Lower Upper
168 100
99 61.6 51.4 77.0

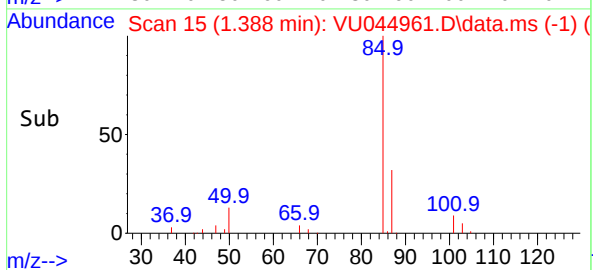
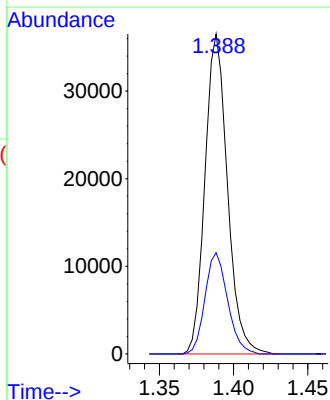
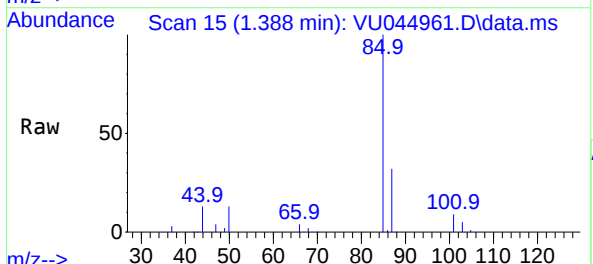
Manual Integrations
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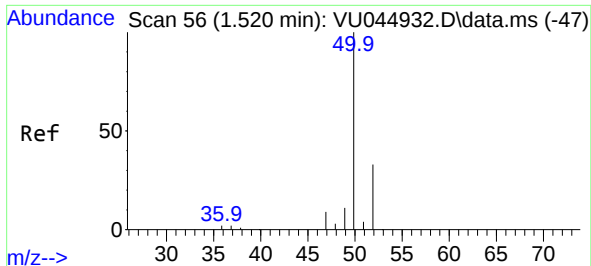
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#2
Dichlorodifluoromethane
Concen: 20.247 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

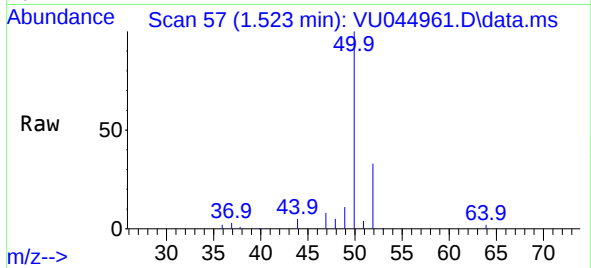
Tgt Ion: 85 Resp: 38375
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0





#3
Chloromethane
Concen: 19.042 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

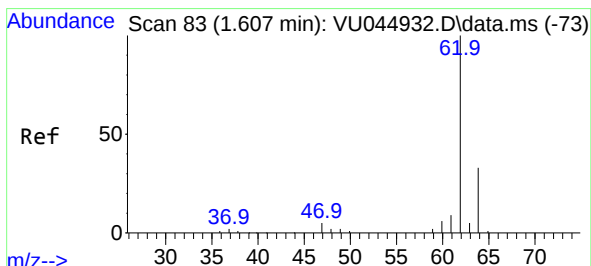
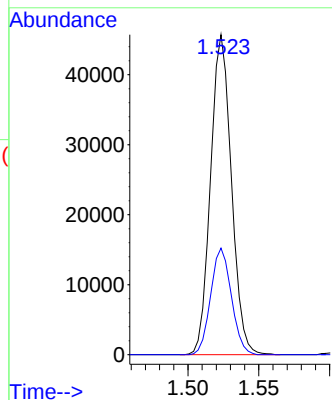
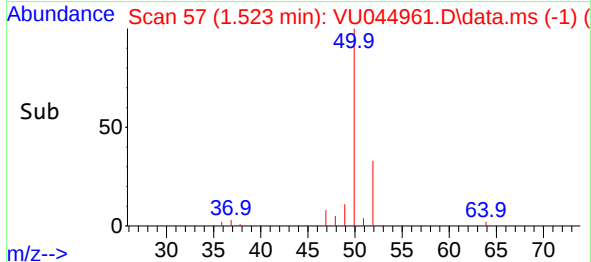
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 46748
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5

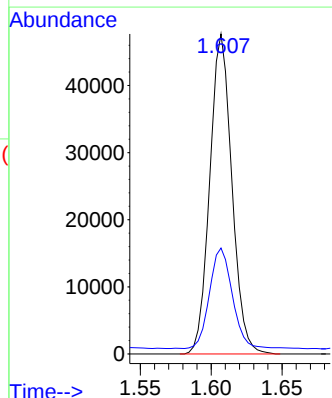
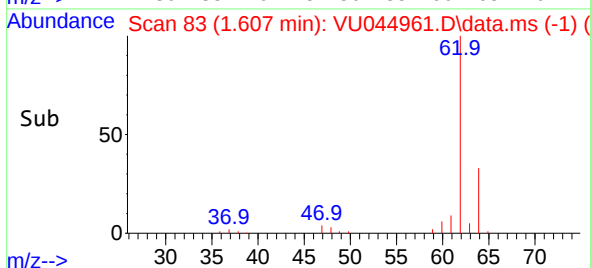
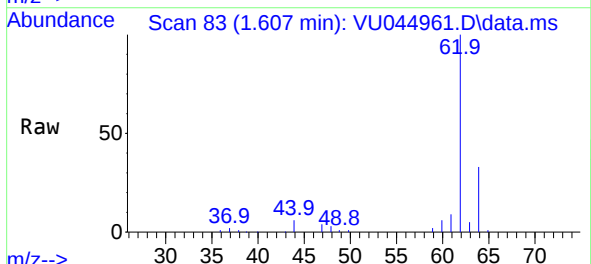
Manual Integrations
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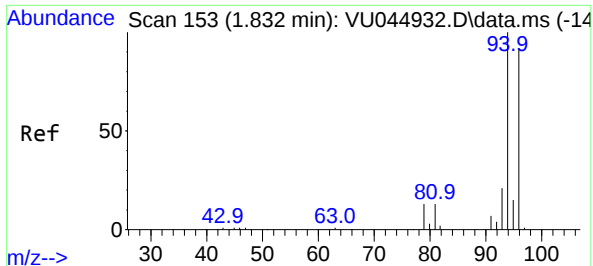
Reviewed By :John Carlone 09/29/2021
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#4
Vinyl Chloride
Concen: 21.068 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

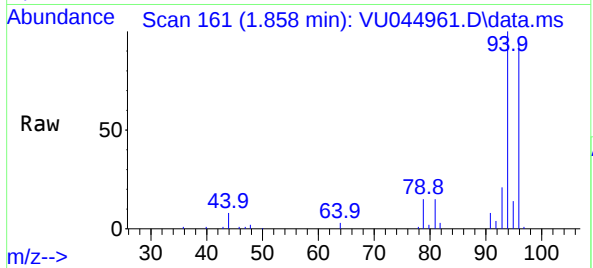
Tgt Ion: 62 Resp: 51643
Ion Ratio Lower Upper
62 100
64 31.4 25.6 38.4





#5
Bromomethane
Concen: 36.221 ug/l
RT: 1.858 min Scan# 10
Delta R.T. 0.026 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

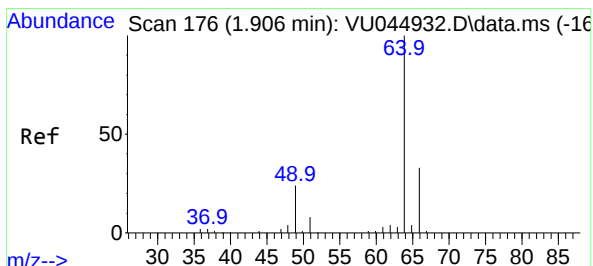
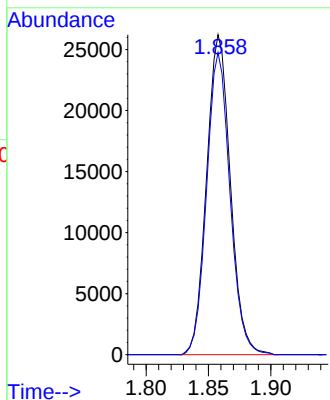
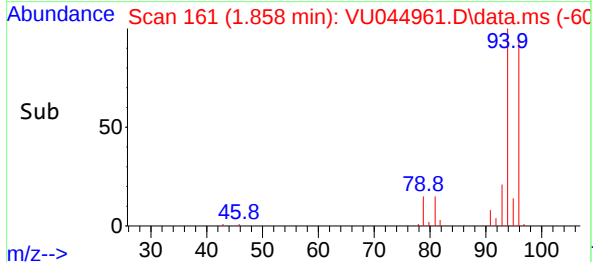
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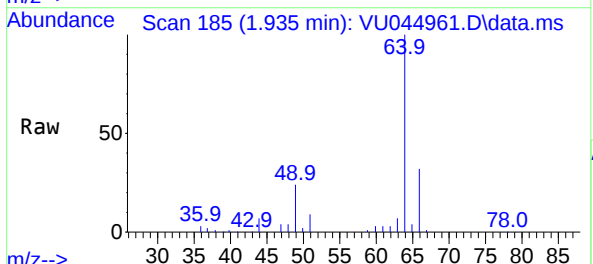
Tgt Ion: 94 Resp: 34828
Ion Ratio Lower Upper
94 100
96 94.4 74.5 111.7

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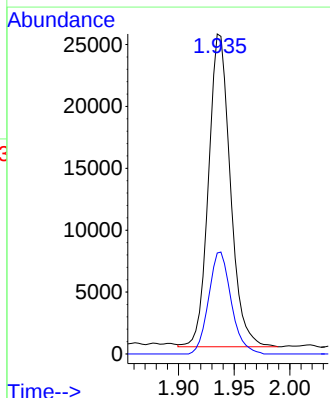
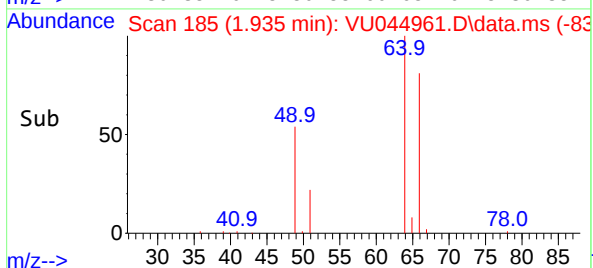
Reviewed By :John Carlone 09/29/2021
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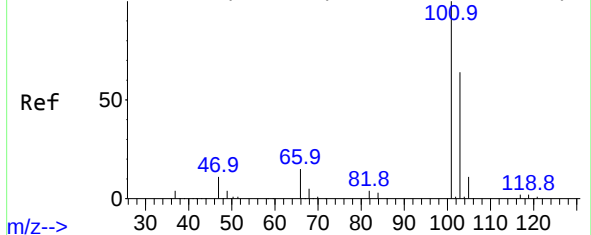
#6
Chloroethane
Concen: 18.298 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.029 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



Tgt Ion: 64 Resp: 34457
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8



Abundance Scan 244 (2.124 min): VU044932.D\data.ms (-23



#7

Trichlorofluoromethane

Concen: 20.497 ug/l

RT: 2.141 min Scan# 24

Delta R.T. 0.017 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS03

Tgt Ion:101 Resp: 6635

Ion Ratio Lower Upper

101 100

103 64.0 51.2 76.8

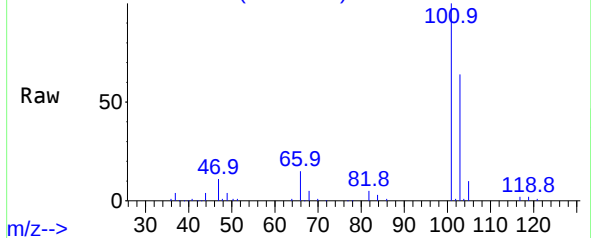
Manual Integrations

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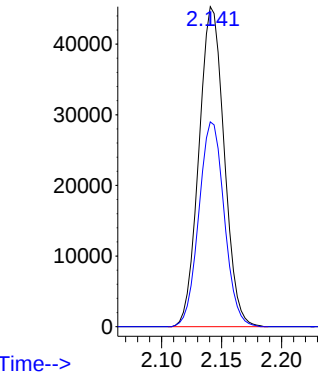
Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021

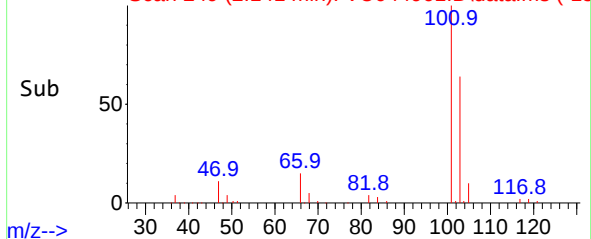
Abundance Scan 249 (2.141 min): VU044961.D\data.ms



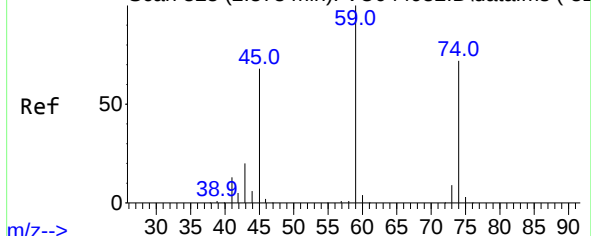
Abundance



Abundance Scan 249 (2.141 min): VU044961.D\data.ms (-15



Abundance Scan 323 (2.378 min): VU044932.D\data.ms (-31



#8

Diethyl Ether

Concen: 20.259 ug/l

RT: 2.382 min Scan# 324

Delta R.T. 0.004 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

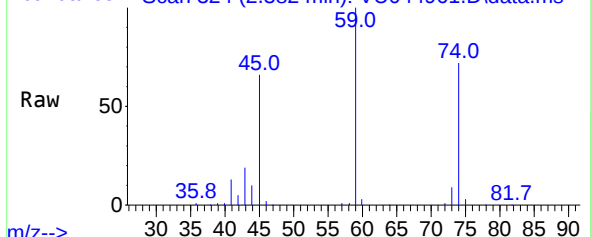
Tgt Ion: 74 Resp: 30055

Ion Ratio Lower Upper

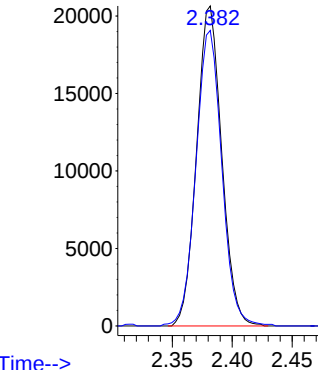
74 100

45 95.1 52.2 156.6

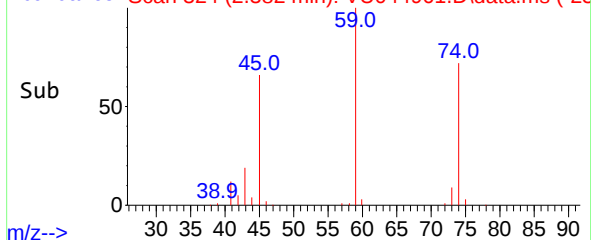
Abundance Scan 324 (2.382 min): VU044961.D\data.ms

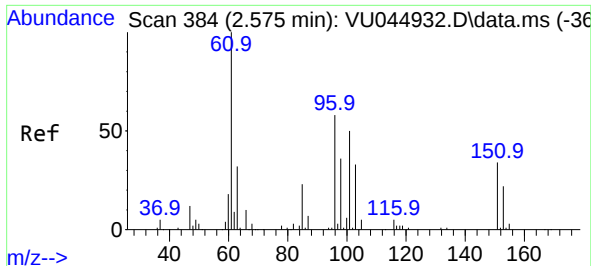


Abundance



Abundance Scan 324 (2.382 min): VU044961.D\data.ms (-23





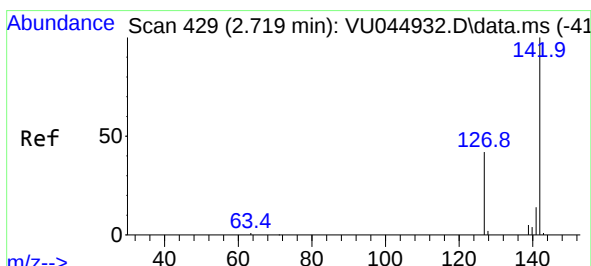
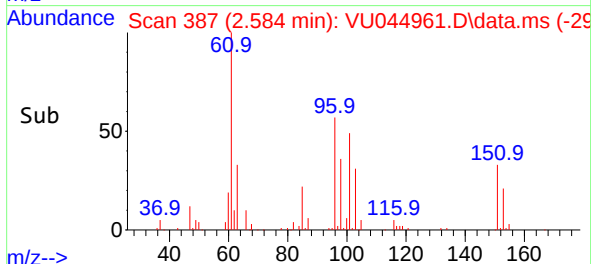
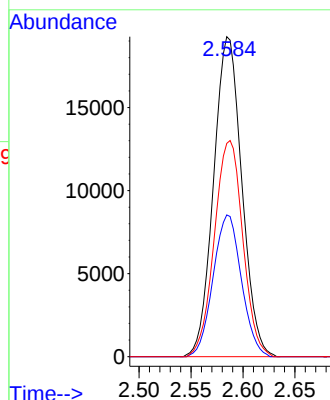
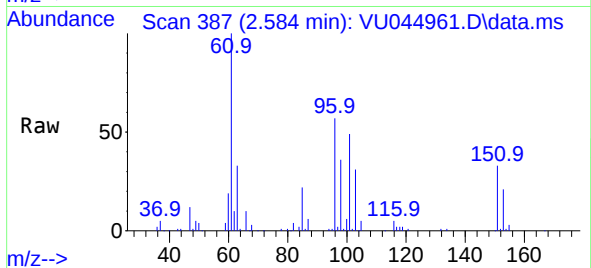
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.770 ug/l
RT: 2.584 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion:101 Resp: 36390
Ion Ratio Lower Upper
101 100
85 44.3 37.2 55.8
151 68.2 55.8 83.8

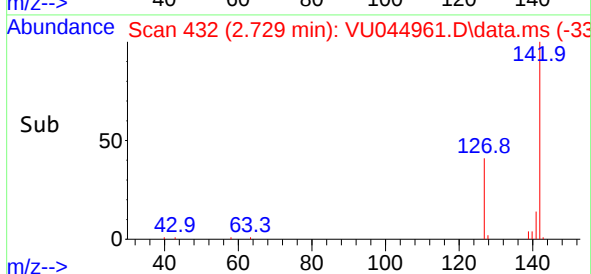
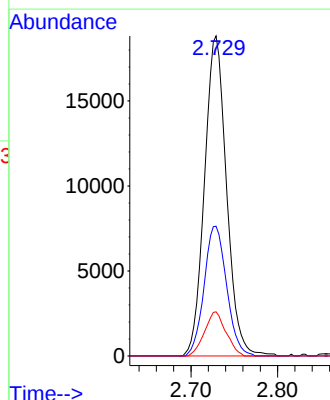
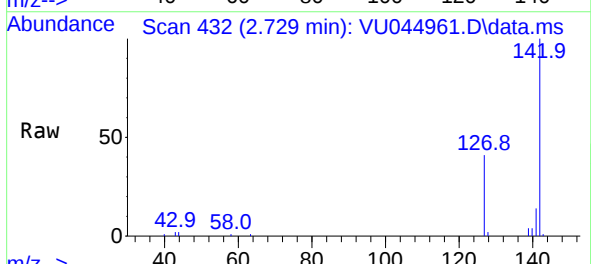
Manual Integrations
APPROVED

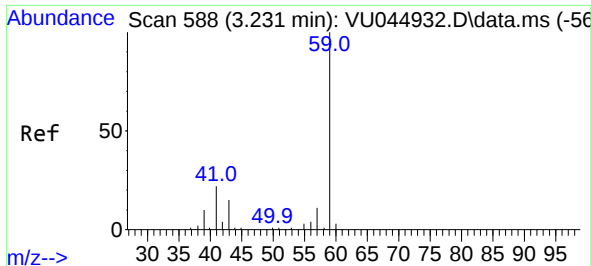
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 16.944 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.010 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion:142 Resp: 33295
Ion Ratio Lower Upper
142 100
127 41.3 35.6 53.4
141 13.4 11.3 16.9





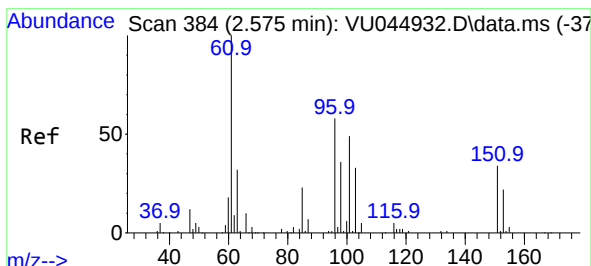
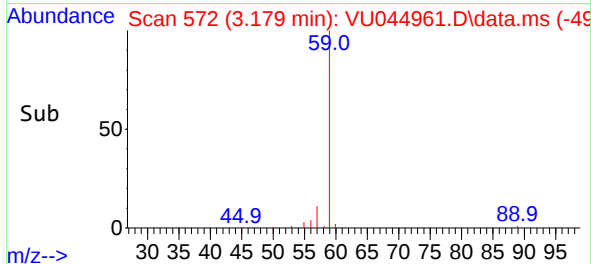
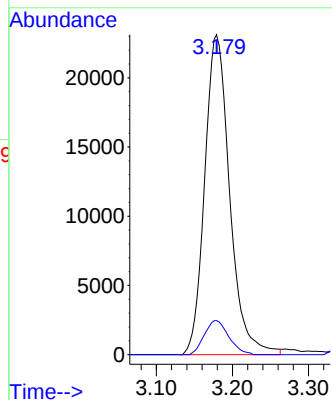
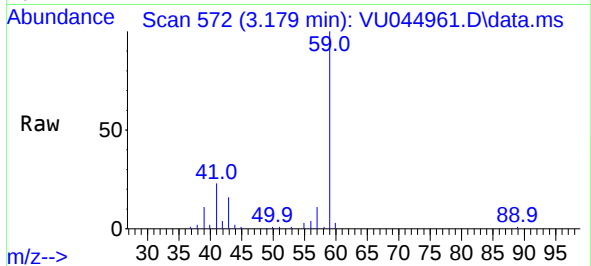
#11
Tert butyl alcohol
Concen: 72.240 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.052 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 59 Resp: 52824
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

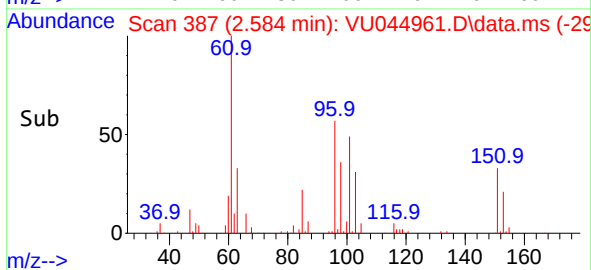
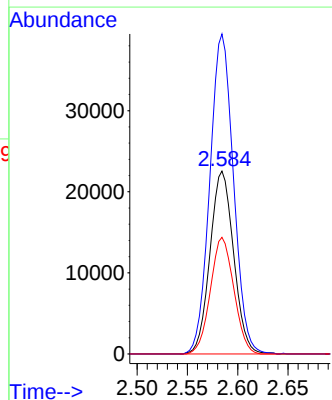
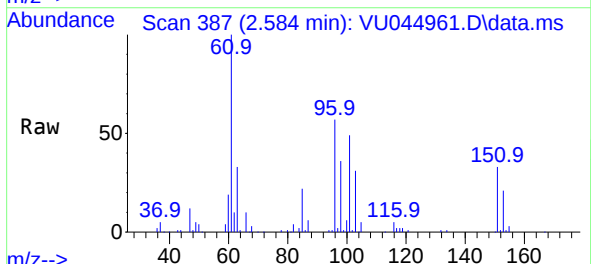
Manual Integrations
APPROVED

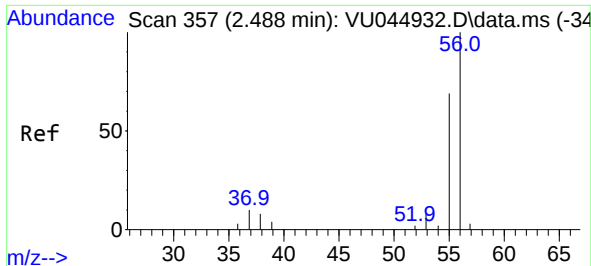
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#12
1,1-Dichloroethene
Concen: 20.332 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

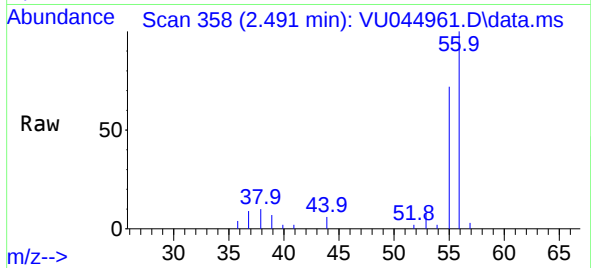
Tgt Ion: 96 Resp: 36896
Ion Ratio Lower Upper
96 100
61 175.0 145.4 218.0
98 63.8 50.9 76.3





#13
Acrolein
Concen: 87.418 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

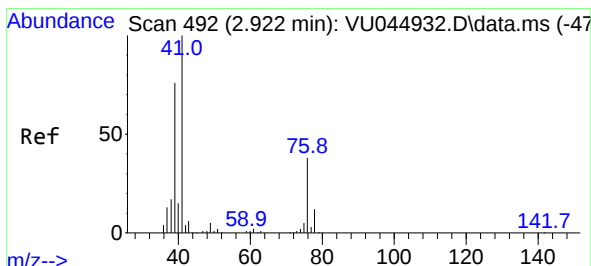
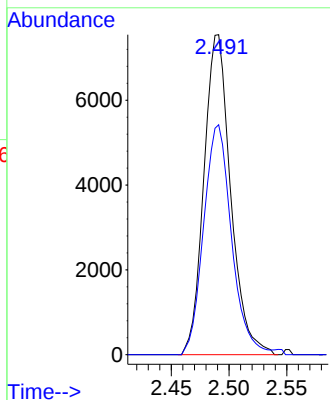
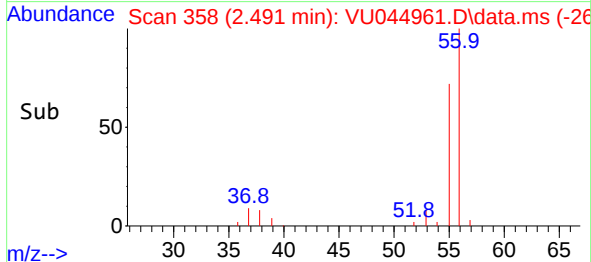
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



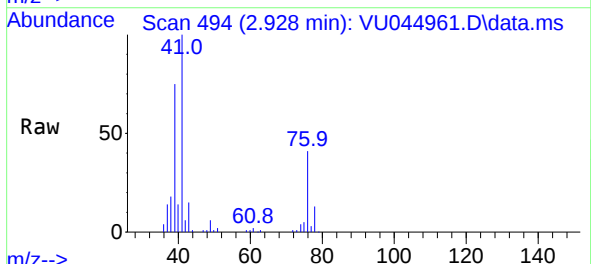
Tgt Ion: 56 Resp: 12170
Ion Ratio Lower Upper
56 100
55 74.7 57.4 86.0

Manual Integrations
APPROVED

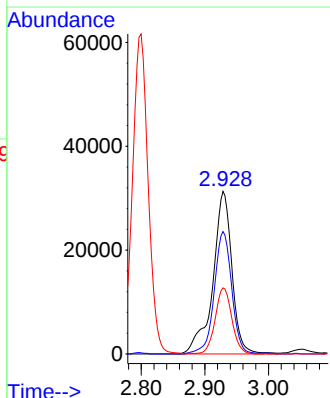
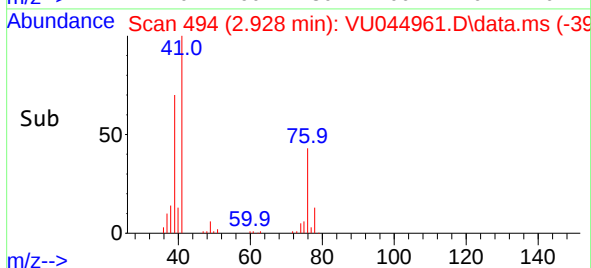
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

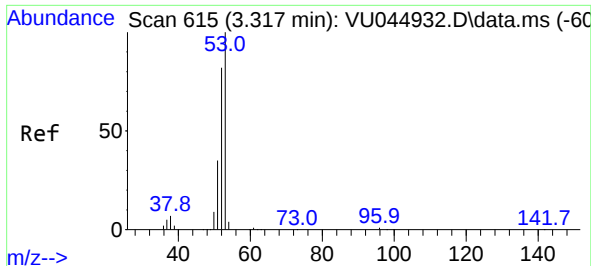


#14
Allyl chloride
Concen: 19.482 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



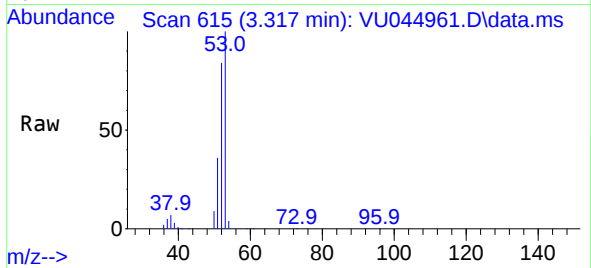
Tgt Ion: 41 Resp: 65426
Ion Ratio Lower Upper
41 100
39 68.7 53.0 79.6
76 35.3 25.7 38.5





#15
Acrylonitrile
Concen: 95.183 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

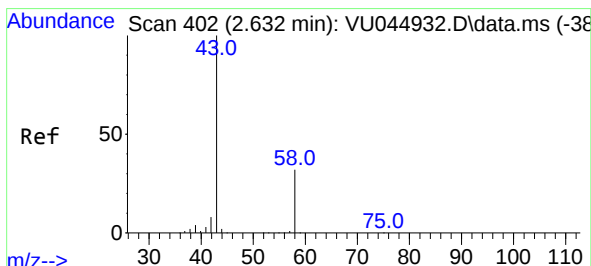
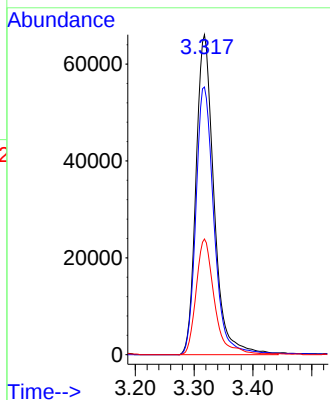
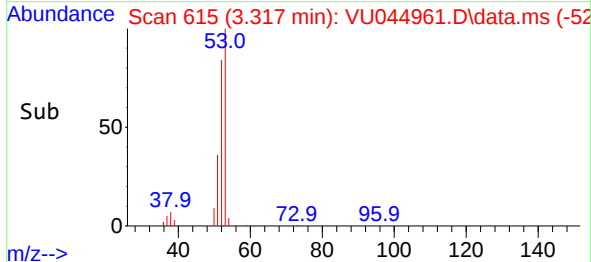
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



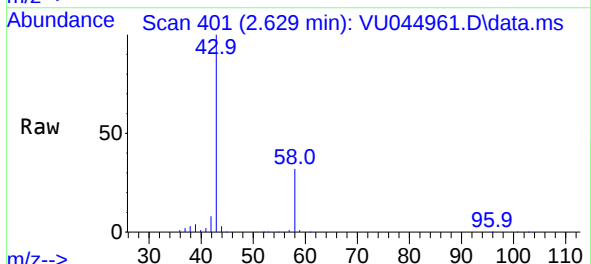
Tgt Ion: 53 Resp: 14036
Ion Ratio Lower Upper
53 100
52 84.3 66.0 99.0
51 36.8 28.6 42.8

Manual Integrations
APPROVED

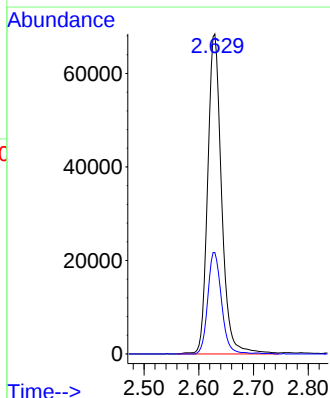
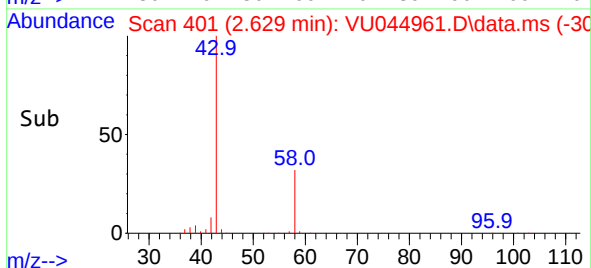
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

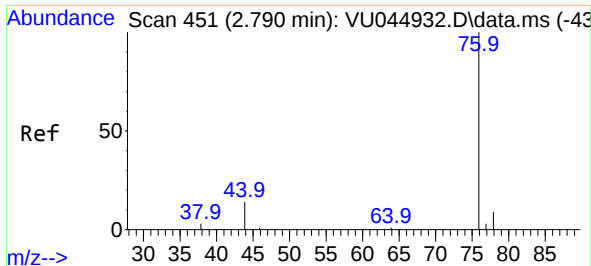


#16
Acetone
Concen: 79.950 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



Tgt Ion: 43 Resp: 120909
Ion Ratio Lower Upper
43 100
58 31.7 25.2 37.8





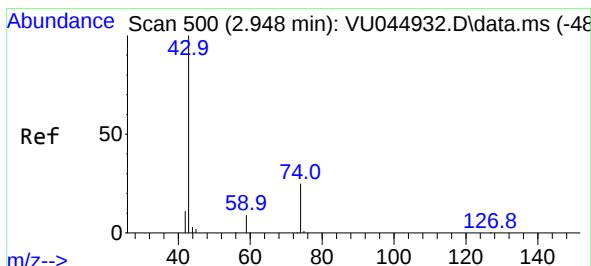
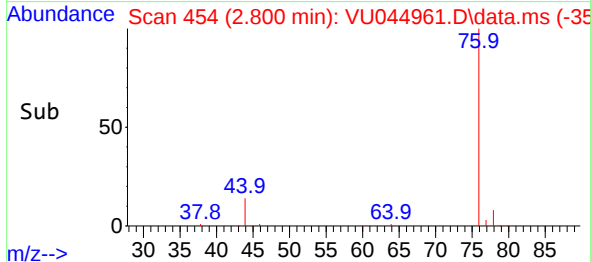
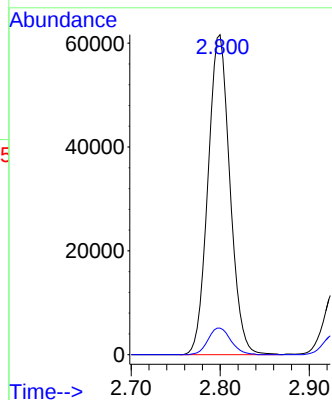
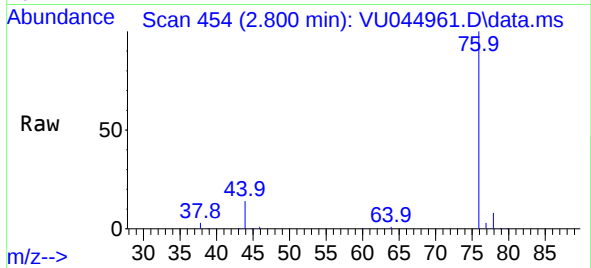
#17
Carbon Disulfide
Concen: 19.664 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 76 Resp: 10533
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

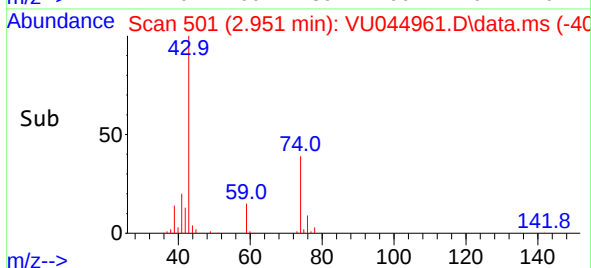
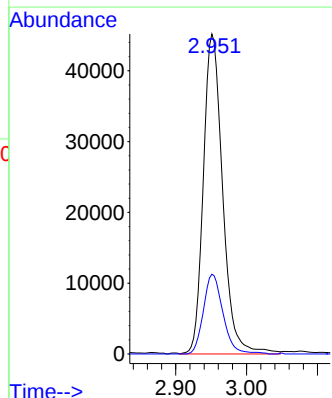
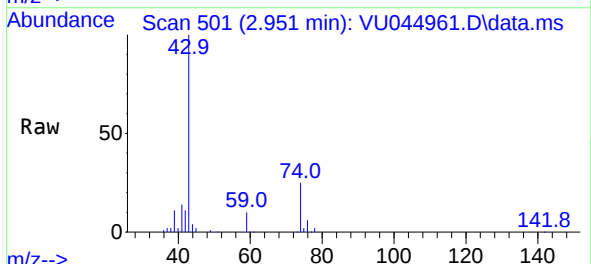
Manual Integrations
APPROVED

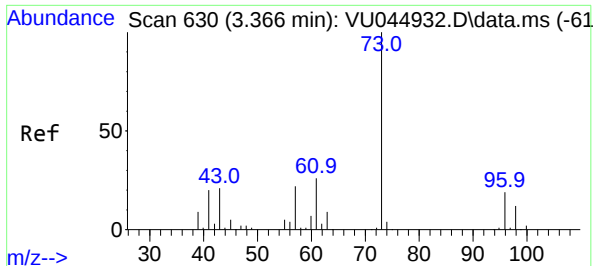
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#18
Methyl Acetate
Concen: 19.365 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion: 43 Resp: 85592
Ion Ratio Lower Upper
43 100
74 25.2 19.0 28.6





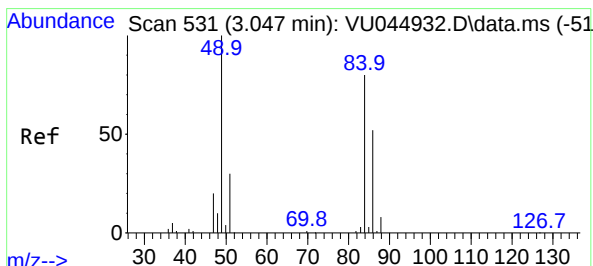
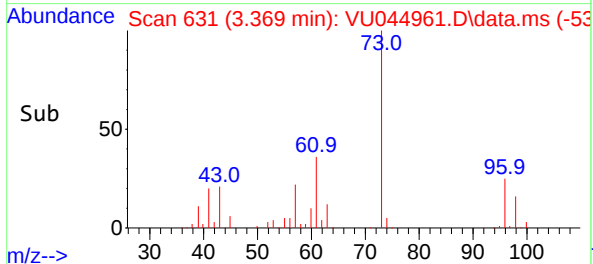
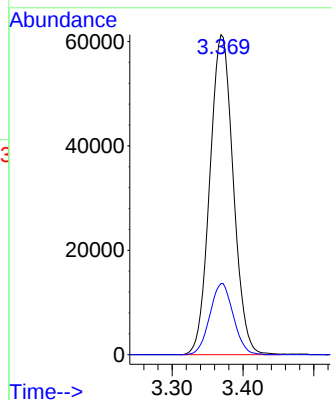
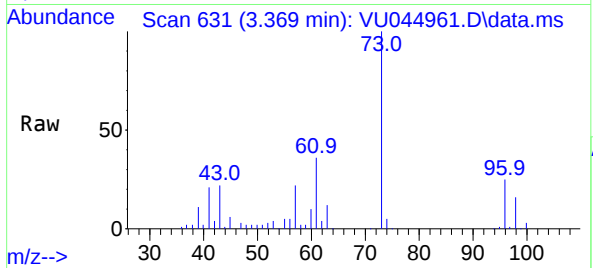
#19
Methyl tert-butyl Ether
Concen: 20.095 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 73 Resp: 140760
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2

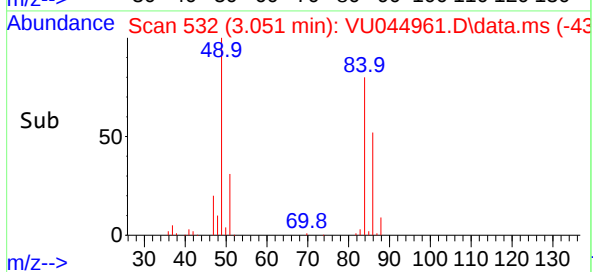
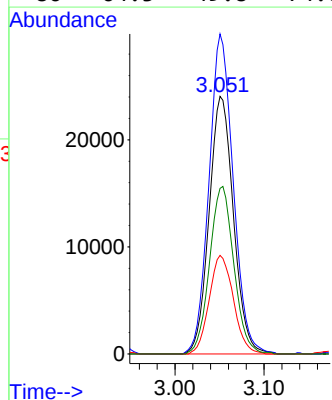
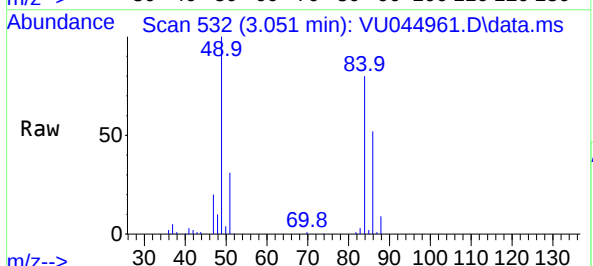
Manual Integrations
APPROVED

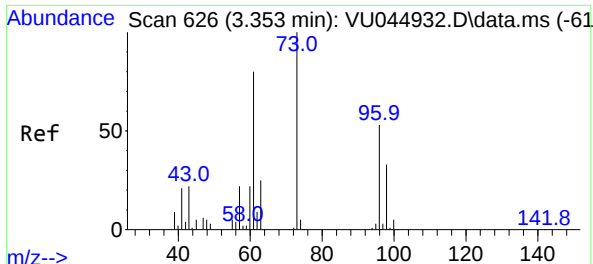
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#20
Methylene Chloride
Concen: 20.074 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.004 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

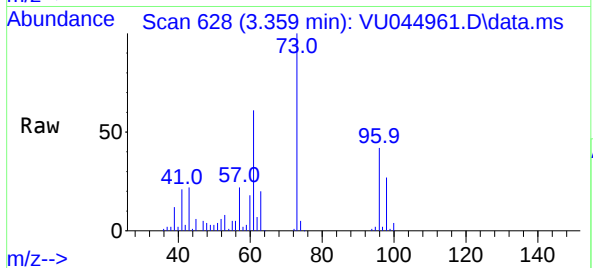
Tgt Ion: 84 Resp: 45726
Ion Ratio Lower Upper
84 100
49 124.2 104.9 157.3
51 38.3 31.8 47.8
86 64.3 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 20.250 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

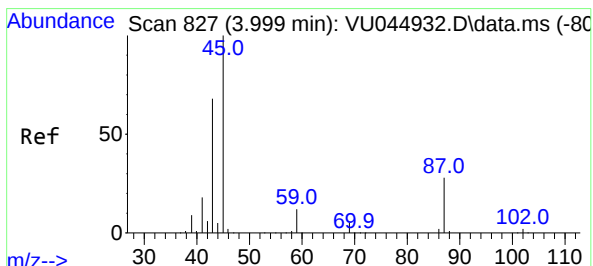
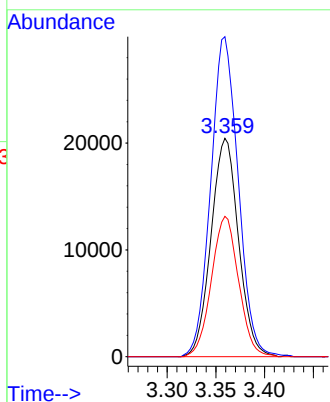
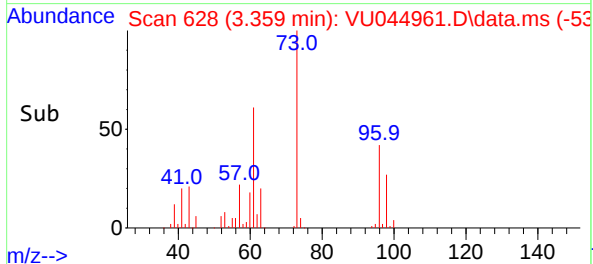
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



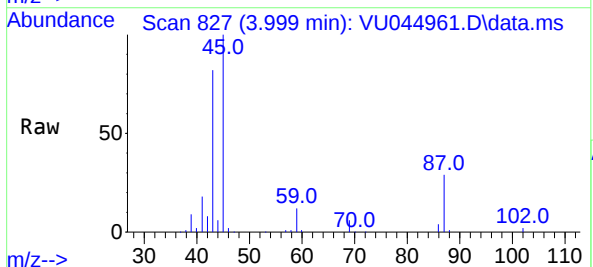
Tgt Ion: 96 Resp: 40198
Ion Ratio Lower Upper
96 100
61 146.6 123.2 184.8
98 64.3 51.0 76.6

Manual Integrations
APPROVED

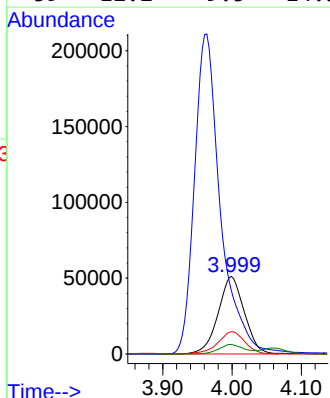
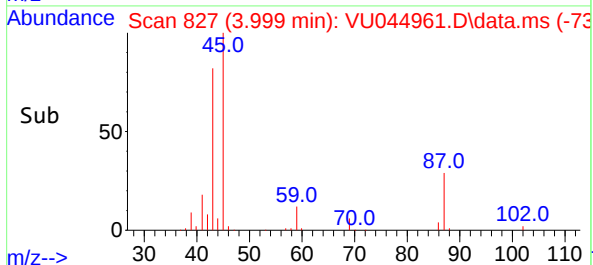
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

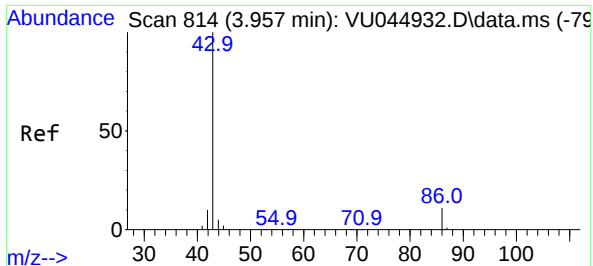


#22
Diisopropyl ether
Concen: 19.539 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



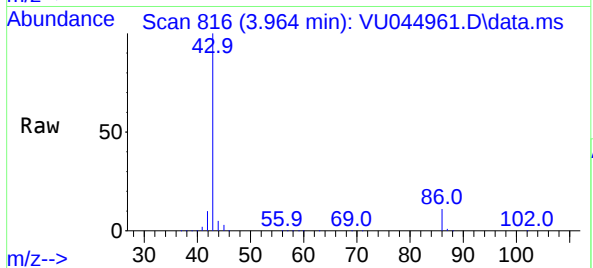
Tgt Ion: 45 Resp: 133965
Ion Ratio Lower Upper
45 100
43 77.6 62.3 93.5
87 28.7 21.0 31.4
59 12.2 9.5 14.3





#23
 Vinyl Acetate
 Concen: 99.371 ug/l
 RT: 3.964 min Scan# 814
 Delta R.T. 0.007 min
 Lab File: VU044961.D
 Acq: 28 Sep 2021 23:47

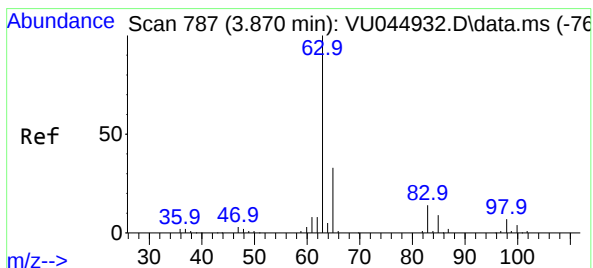
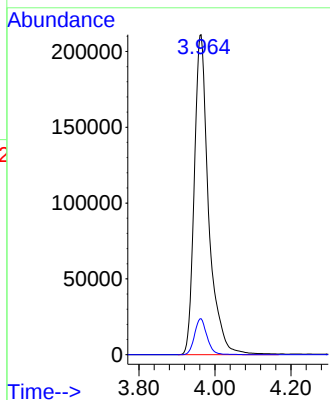
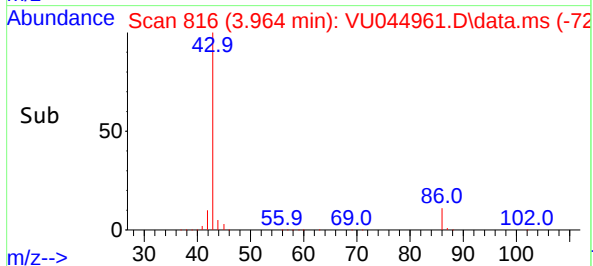
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBS03



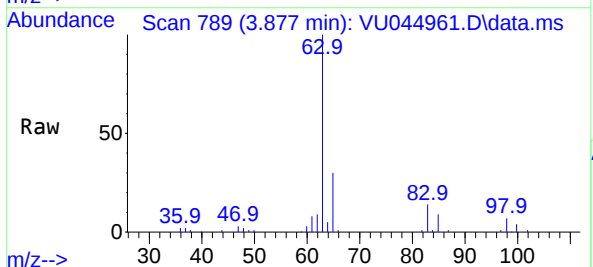
Tgt Ion: 43 Resp: 554118
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.4

Manual Integrations
 APPROVED

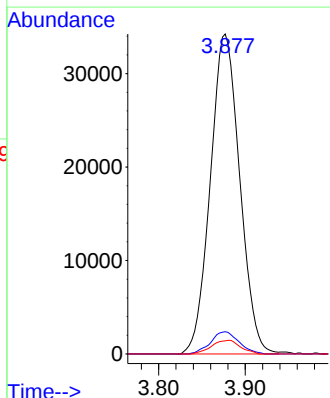
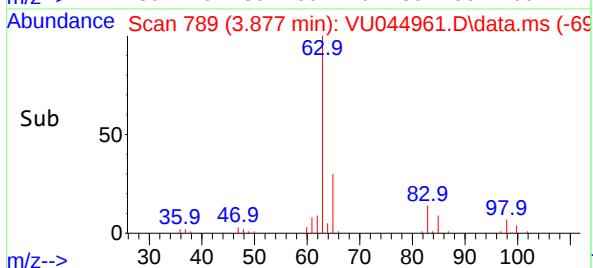
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

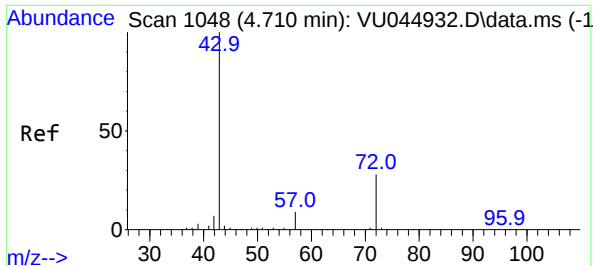


#24
 1,1-Dichloroethane
 Concen: 20.515 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.007 min
 Lab File: VU044961.D
 Acq: 28 Sep 2021 23:47



Tgt Ion: 63 Resp: 80744
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.1 2.1 6.3





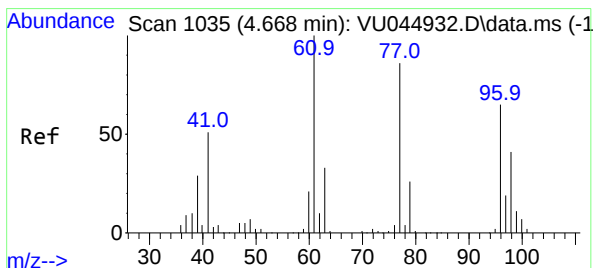
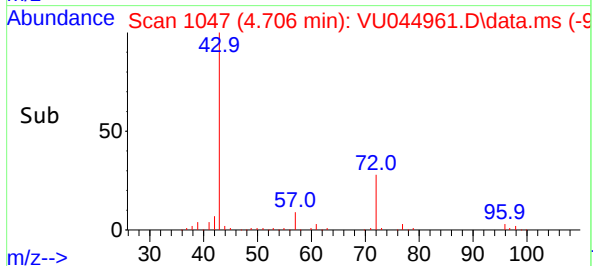
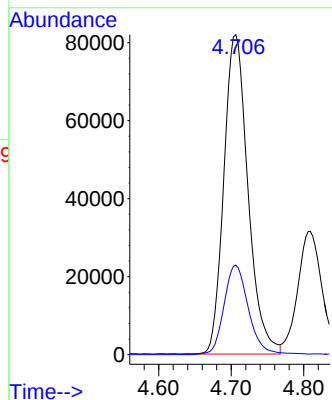
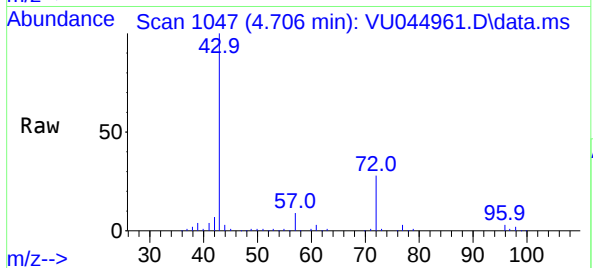
#25
2-Butanone
Concen: 88.133 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. -0.004 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 43 Resp: 18936
Ion Ratio Lower Upper
43 100
72 28.1 21.3 31.9

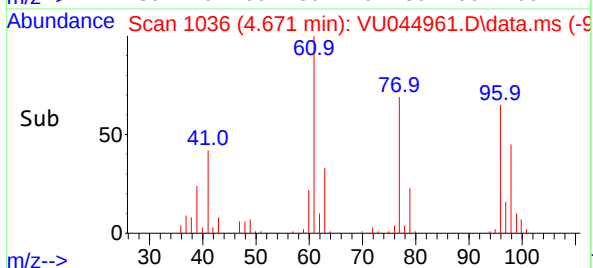
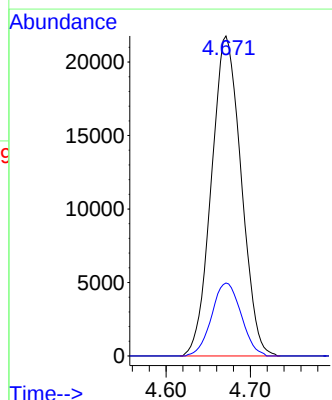
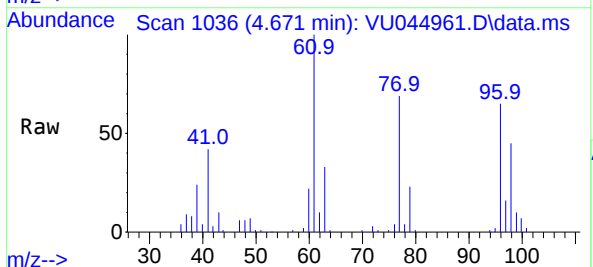
Manual Integrations
APPROVED

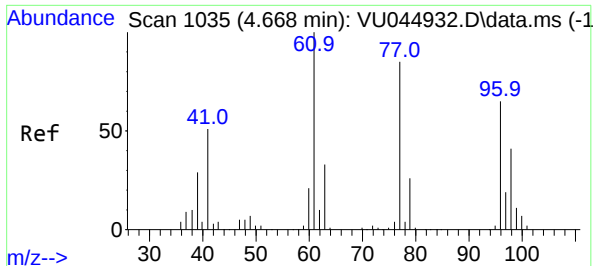
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#26
2,2-Dichloropropane
Concen: 16.024 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion: 77 Resp: 53322
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.4





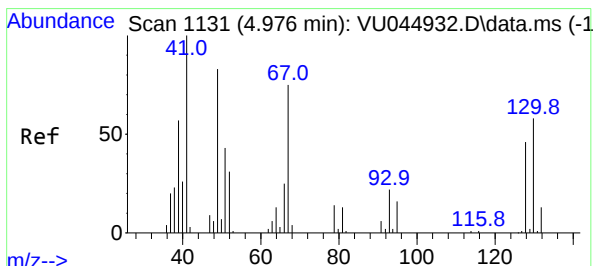
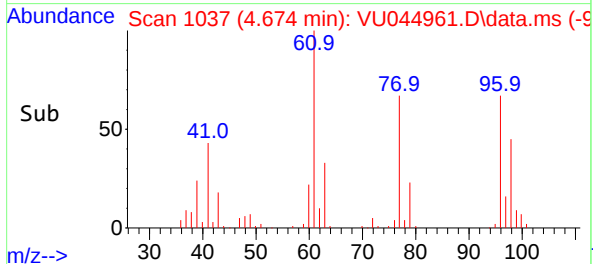
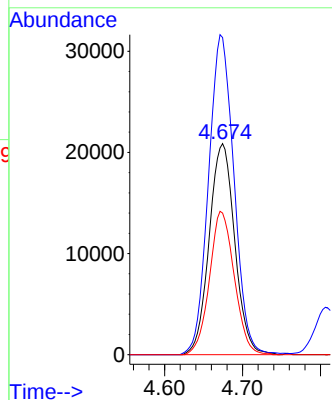
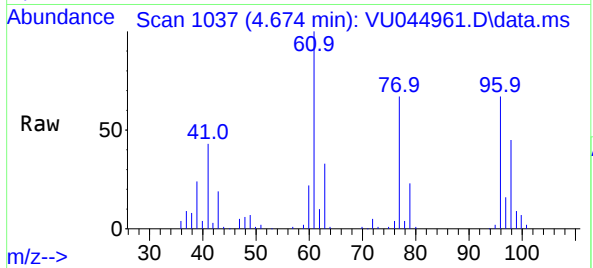
#27
cis-1,2-Dichloroethene
Concen: 20.283 ug/l
RT: 4.674 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 96 Resp: 47554
Ion Ratio Lower Upper
96 100
61 150.7 0.0 313.4
98 65.9 0.0 127.0

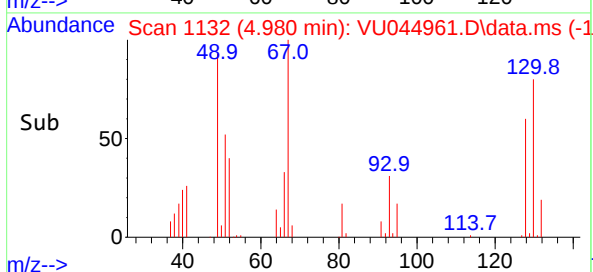
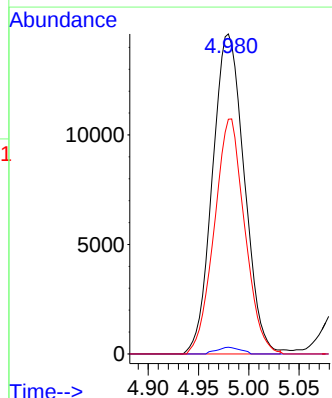
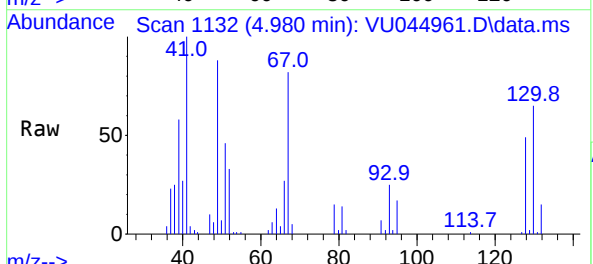
Manual Integrations
APPROVED

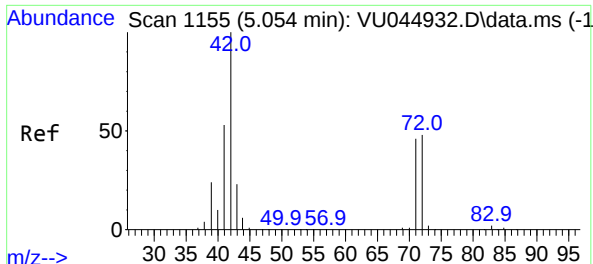
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#28
Bromochloromethane
Concen: 19.688 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.004 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

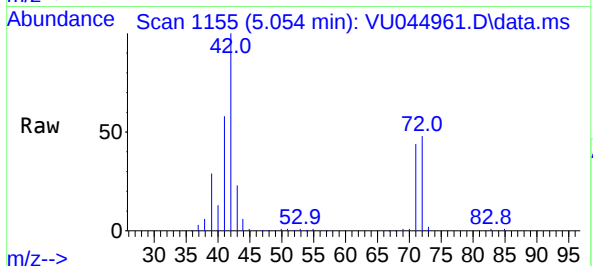
Tgt Ion: 49 Resp: 32118
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.2
130 70.5 53.4 80.2





#29
Tetrahydrofuran
Concen: 96.323 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

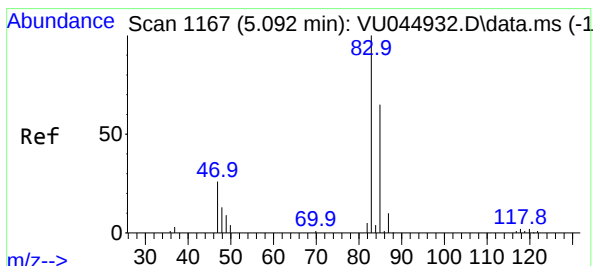
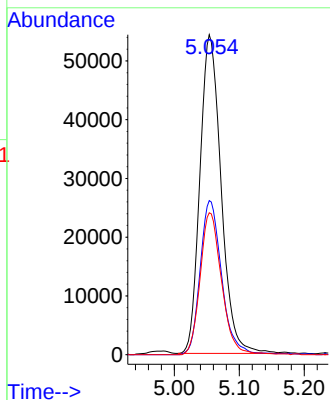
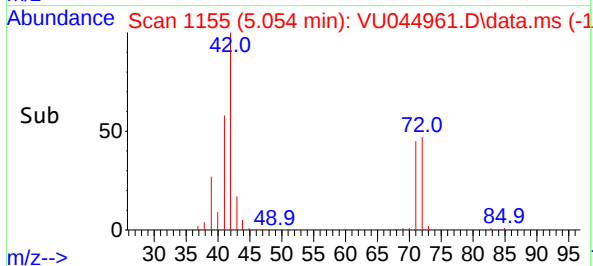
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



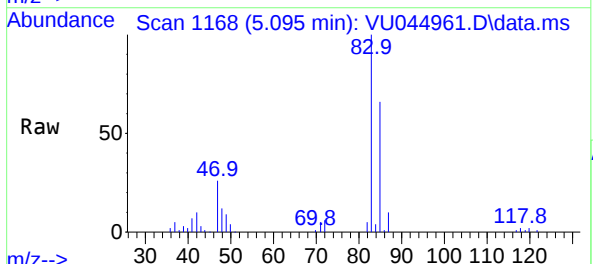
Tgt Ion: 42 Resp: 123200
Ion Ratio Lower Upper
42 100
72 49.1 36.2 54.4
71 44.9 34.1 51.1

Manual Integrations
APPROVED

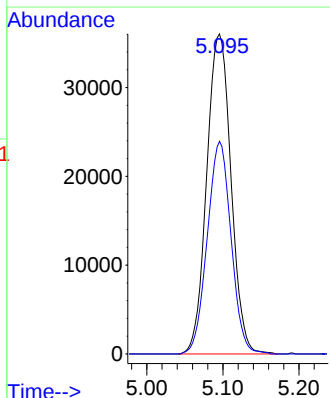
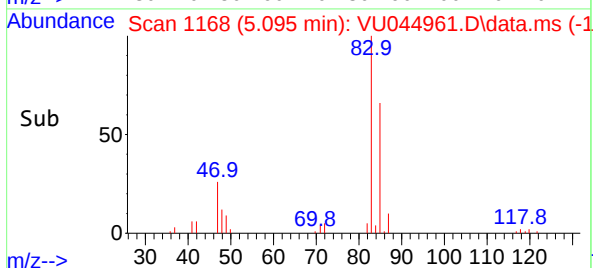
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

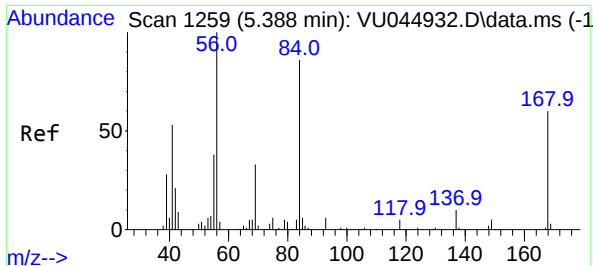


#30
Chloroform
Concen: 20.176 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



Tgt Ion: 83 Resp: 80038
Ion Ratio Lower Upper
83 100
85 66.5 52.1 78.1





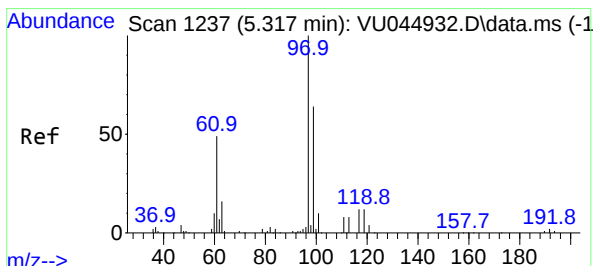
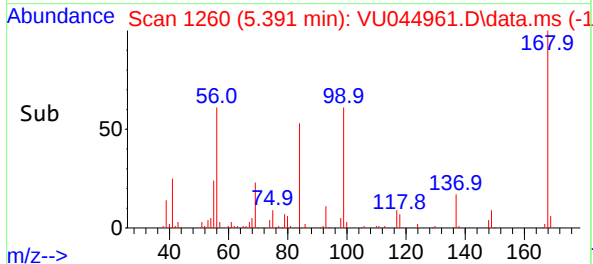
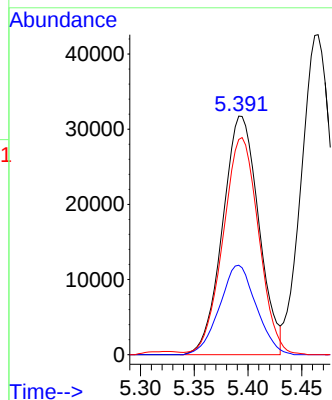
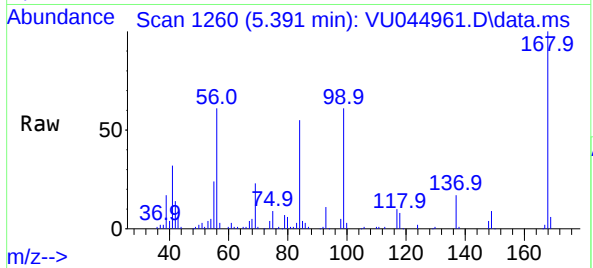
#31
Cyclohexane
Concen: 19.181 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 56 Resp: 7423
Ion Ratio Lower Upper
56 100
69 37.5 25.2 37.8
84 89.2 66.4 99.6

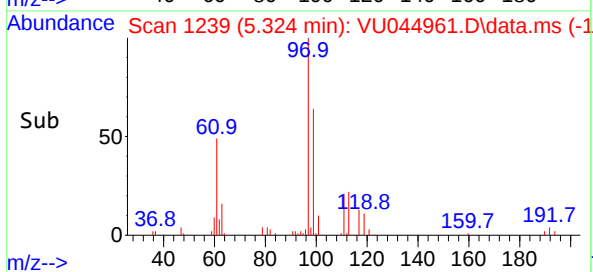
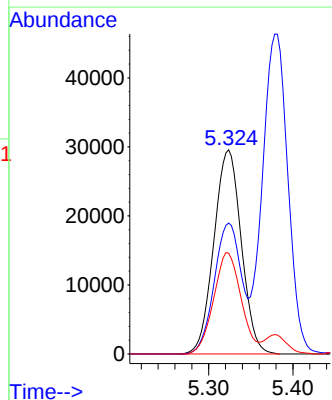
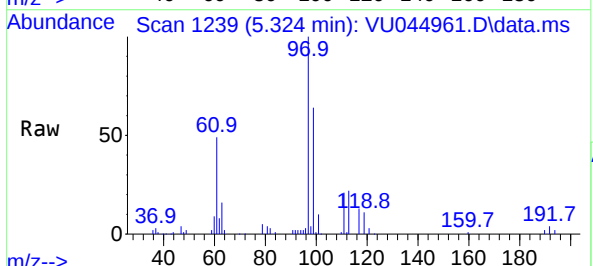
Manual Integrations
APPROVED

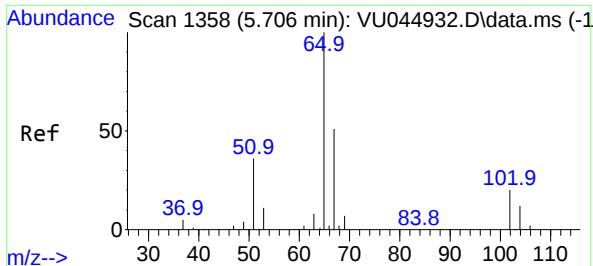
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#32
1,1,1-Trichloroethane
Concen: 20.418 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.007 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion: 97 Resp: 66832
Ion Ratio Lower Upper
97 100
99 62.6 50.9 76.3
61 49.7 40.7 61.1





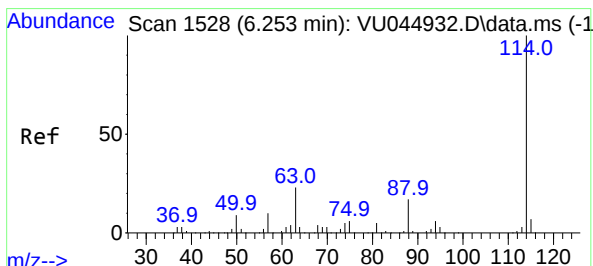
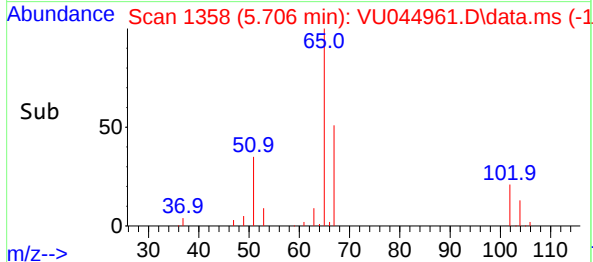
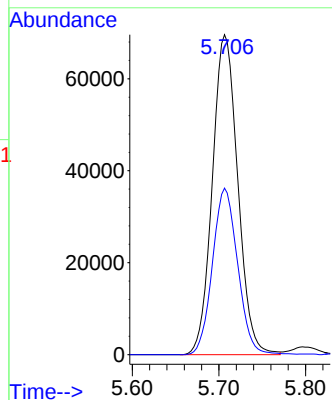
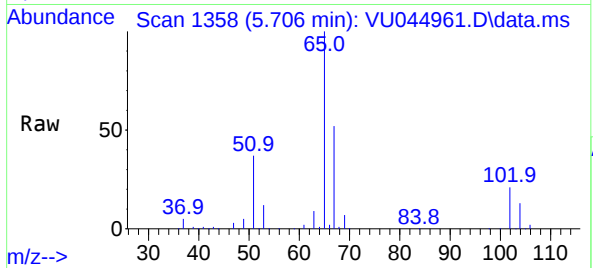
#33
1,2-Dichloroethane-d4
Concen: 55.735 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 65 Resp: 141999
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

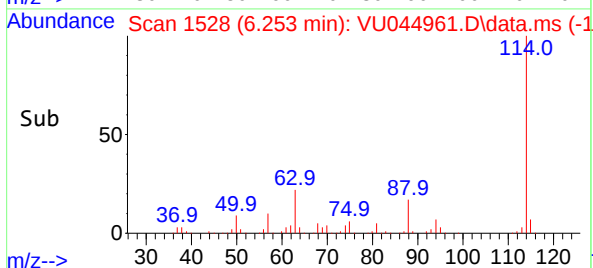
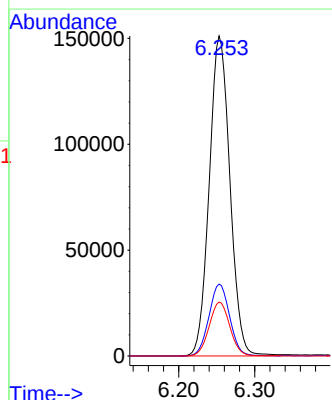
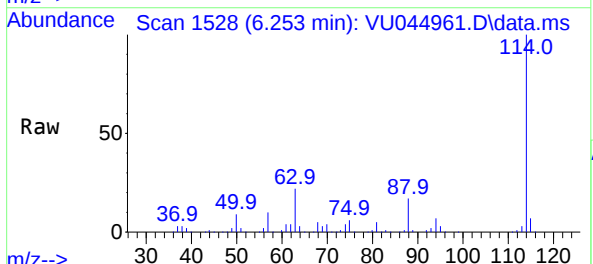
Manual Integrations
APPROVED

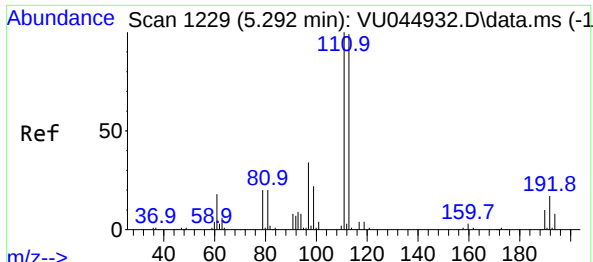
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

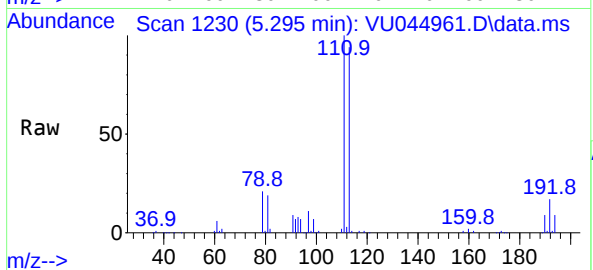
Tgt Ion:114 Resp: 285611
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.8
88 16.9 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.636 ug/l
RT: 5.295 min Scan# 1104
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

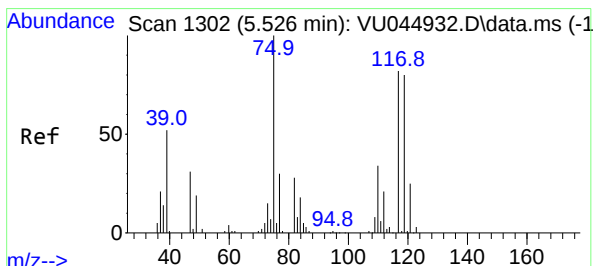
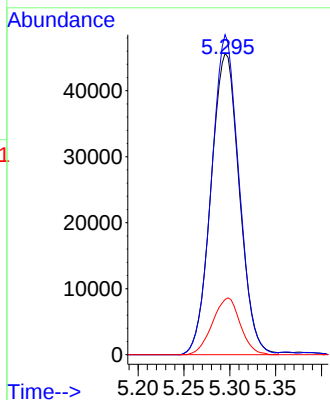
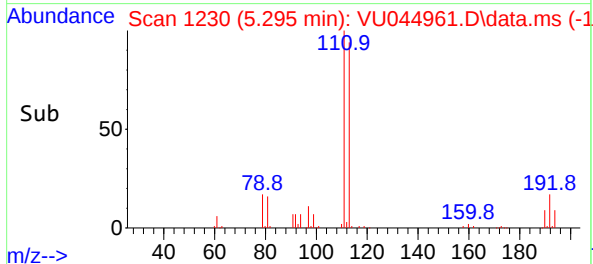
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



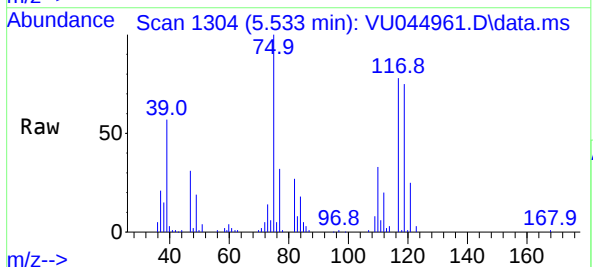
Tgt Ion: 113 Resp: 98440
Ion Ratio Lower Upper
113 100
111 102.8 84.1 126.1
192 18.4 14.8 22.2

Manual Integrations
APPROVED

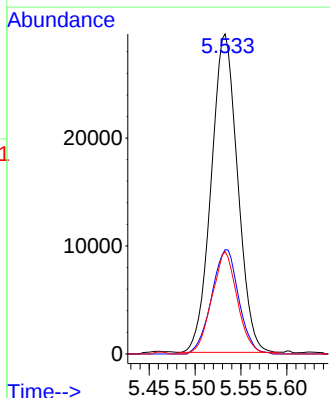
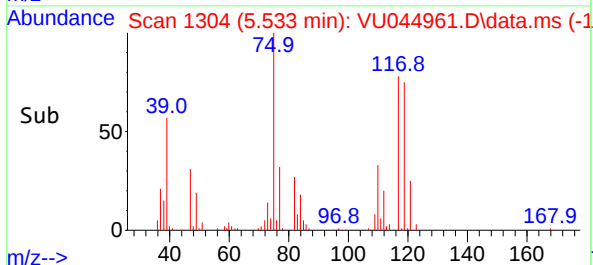
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

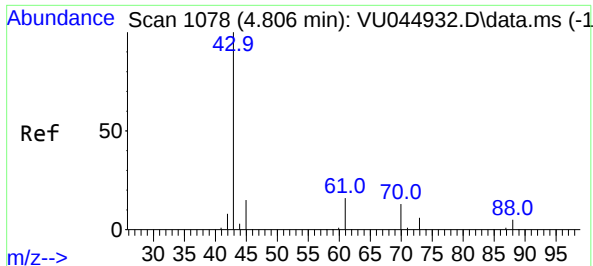


#36
1,1-Dichloropropene
Concen: 19.764 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



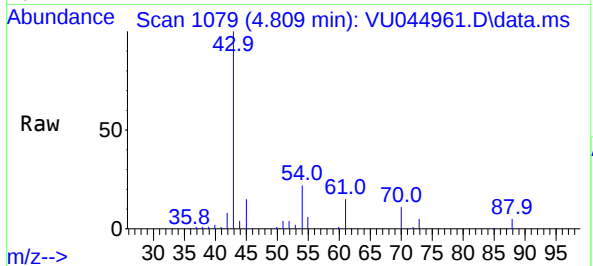
Tgt Ion: 75 Resp: 59031
Ion Ratio Lower Upper
75 100
110 33.8 16.3 48.9
77 31.1 25.0 37.4





#37
Ethyl Acetate
Concen: 18.620 ug/l
RT: 4.809 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

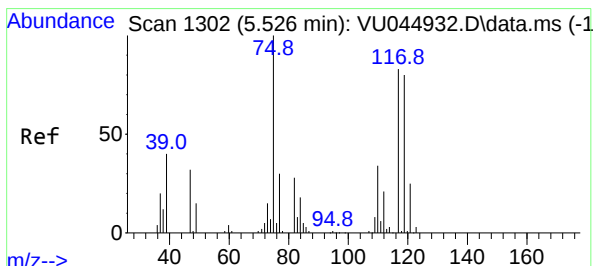
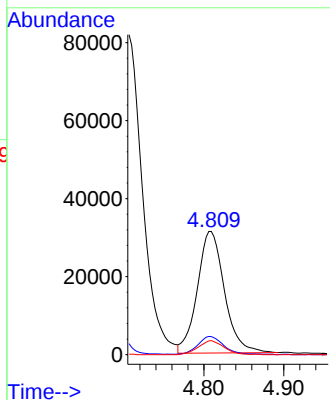
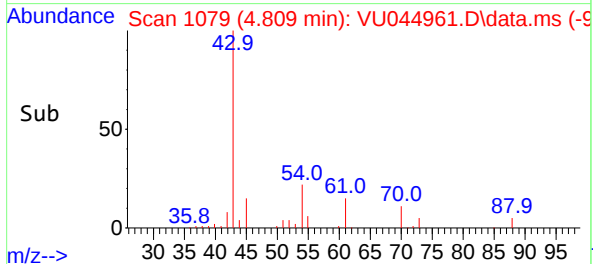
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



Tgt Ion: 43 Resp: 73580
Ion Ratio Lower Upper
43 100
61 14.6 10.9 16.3
70 10.8 8.2 12.4

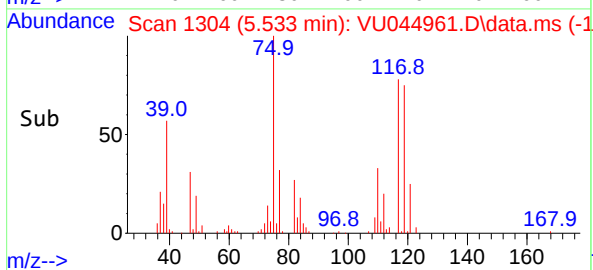
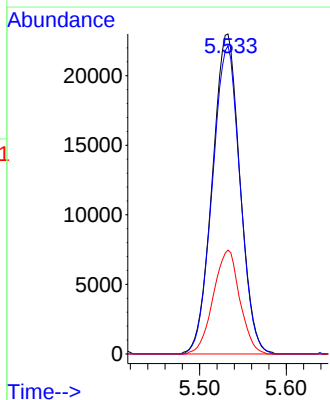
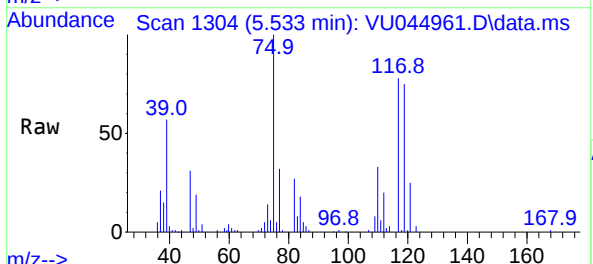
Manual Integrations
APPROVED

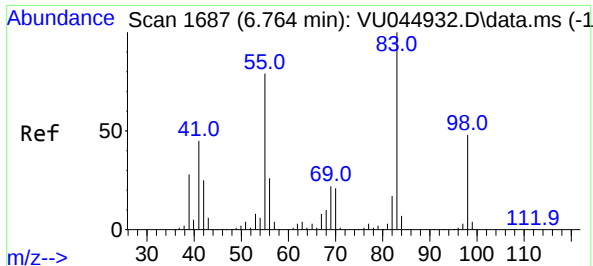
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 19.717 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion:117 Resp: 50960
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
121 32.4 24.5 36.7





#39

Methylcyclohexane

Concen: 18.704 ug/l

RT: 6.767 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS03

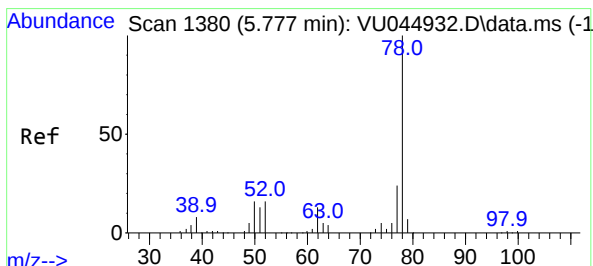
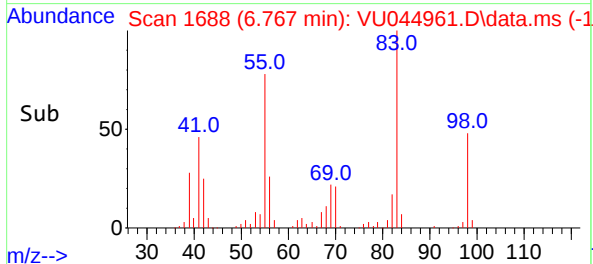
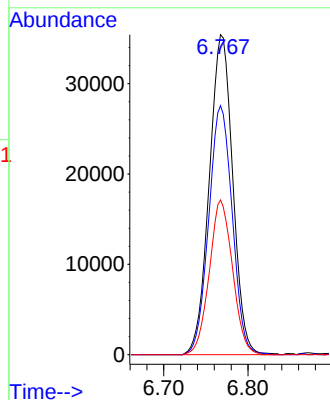
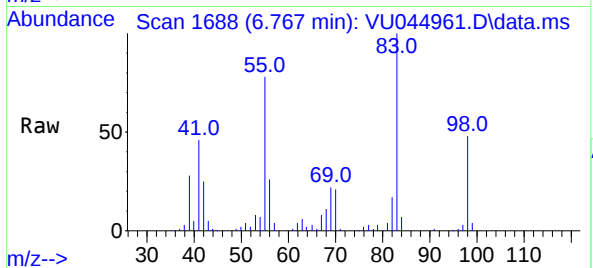
Tgt Ion:	83	Resp:	68580
Ion Ratio	Lower	Upper	
83	100		
55	77.8	66.2	99.4
98	48.4	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#40

Benzene

Concen: 19.694 ug/l

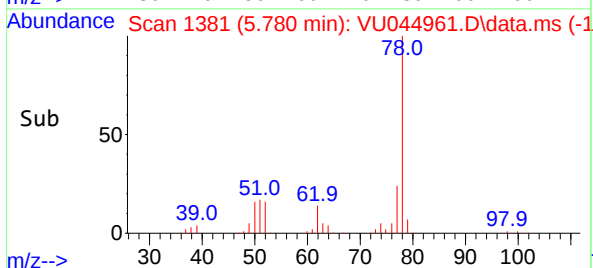
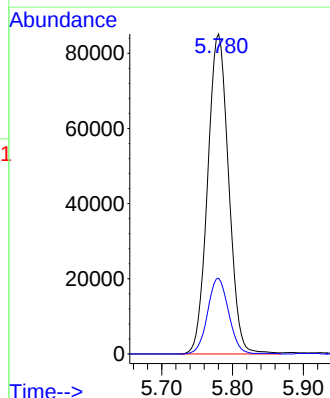
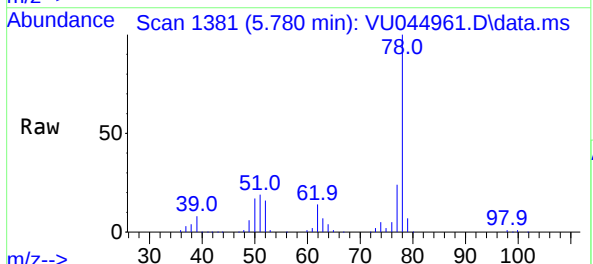
RT: 5.780 min Scan# 1381

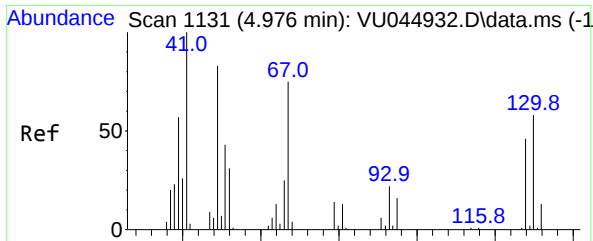
Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

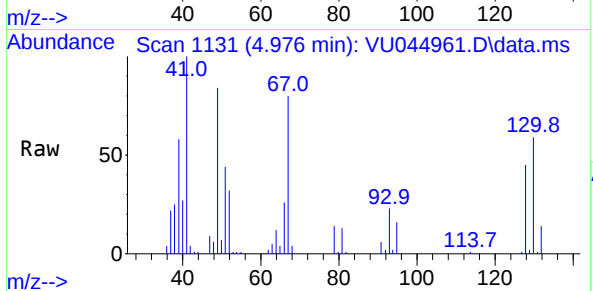
Tgt Ion:	78	Resp:	175195
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.1	28.7





#41
Methacrylonitrile
Concen: 19.208 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

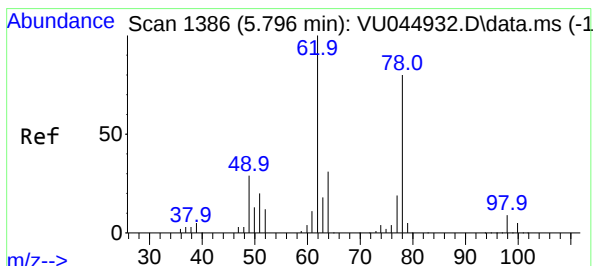
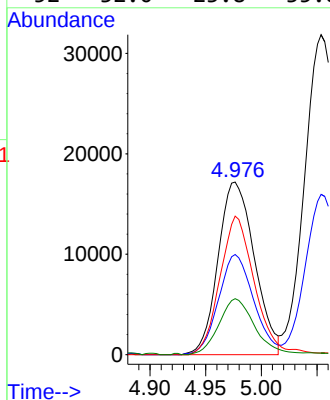
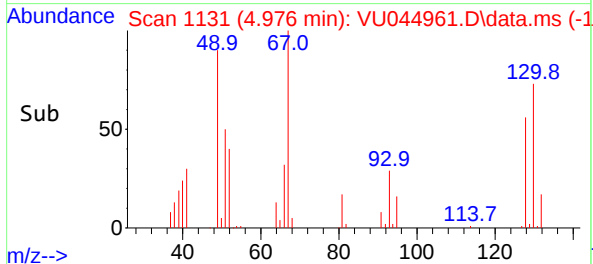
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



Tgt Ion: 41 Resp: 39076
Ion Ratio Lower Upper
41 100
39 56.6 44.4 66.6
67 76.6 58.1 87.1
52 32.0 23.8 35.8

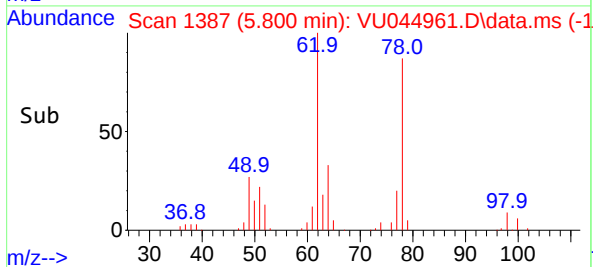
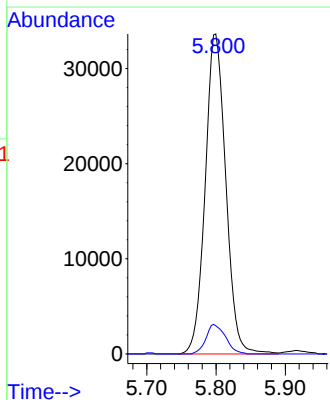
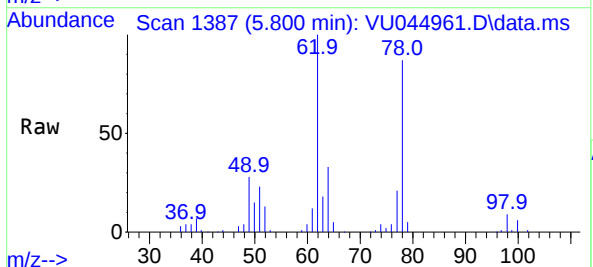
Manual Integrations
APPROVED

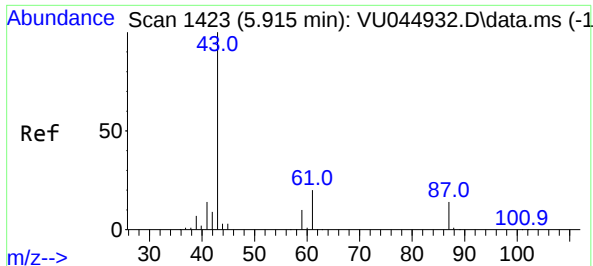
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#42
1,2-Dichloroethane
Concen: 19.824 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion: 62 Resp: 69312
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.8





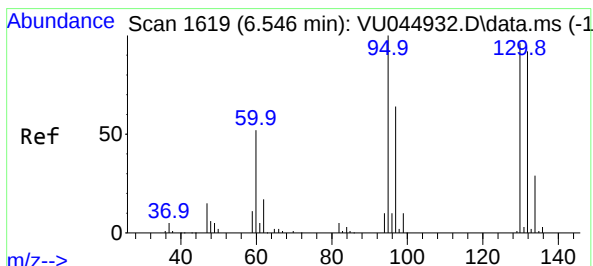
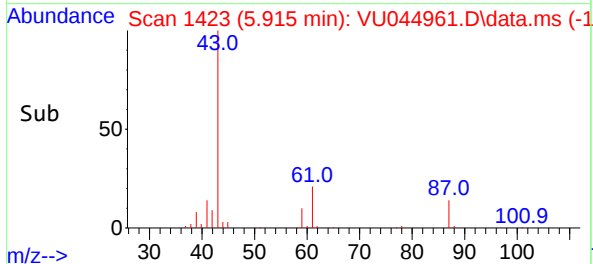
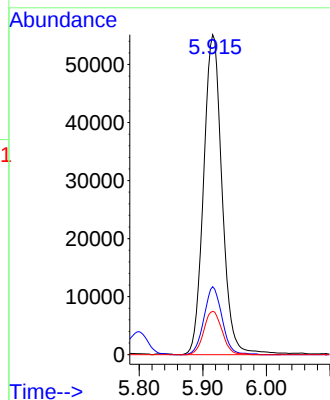
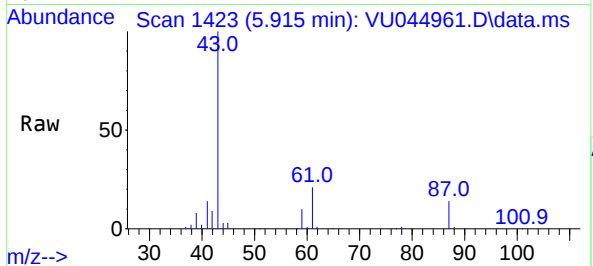
#43
Isopropyl Acetate
Concen: 18.721 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 43 Resp: 11130
Ion Ratio Lower Upper
43 100
61 20.8 16.1 24.1
87 13.4 10.3 15.5

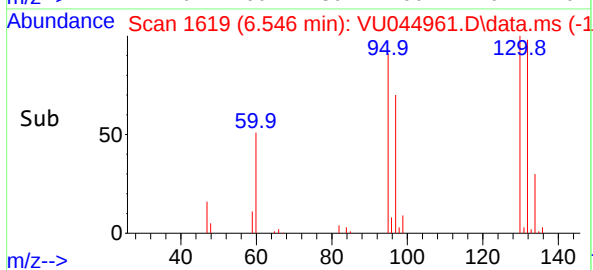
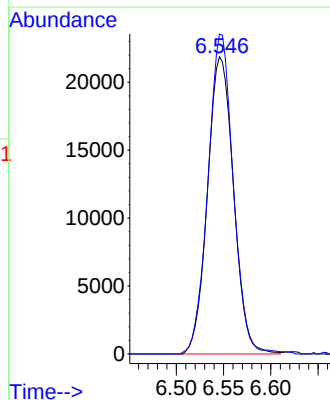
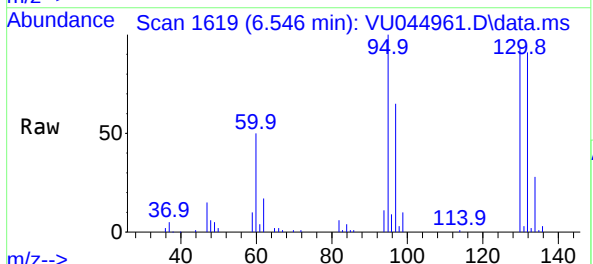
Manual Integrations
APPROVED

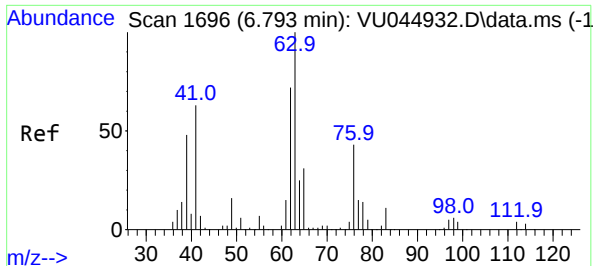
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#44
Trichloroethene
Concen: 19.971 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion:130 Resp: 41887
Ion Ratio Lower Upper
130 100
95 107.7 0.0 209.0





#45

1,2-Dichloropropane

Concen: 19.524 ug/l

RT: 6.796 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS03

Tgt Ion: 63 Resp: 4604

Ion Ratio Lower Upper

63 100

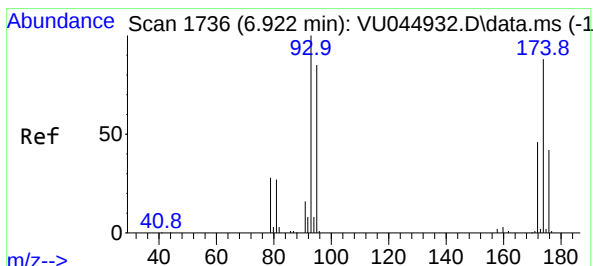
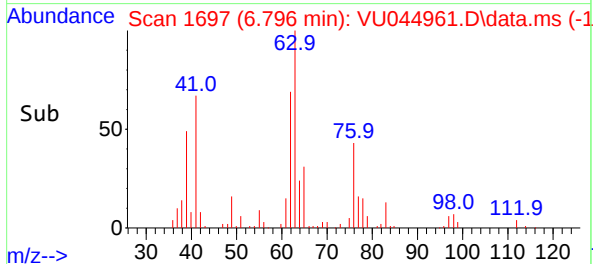
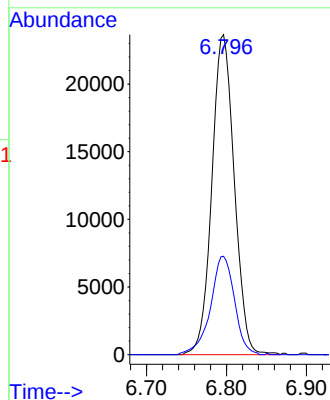
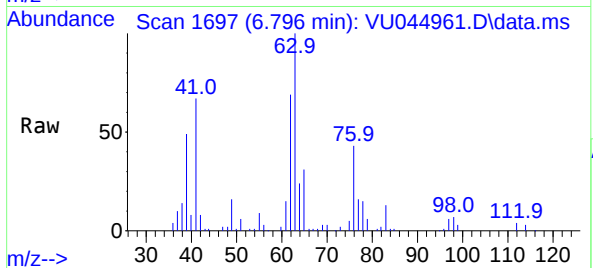
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 19.785 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

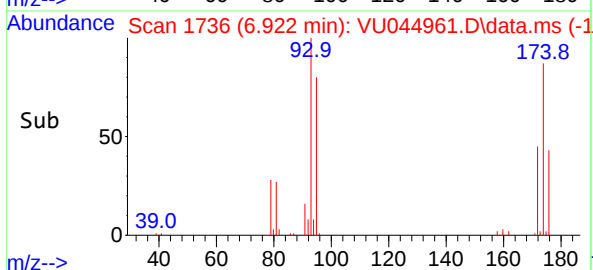
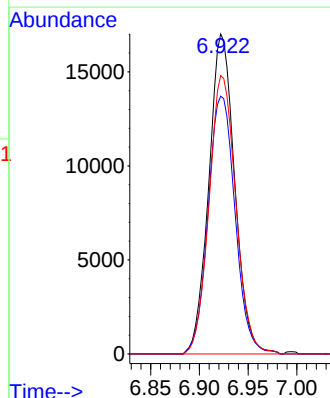
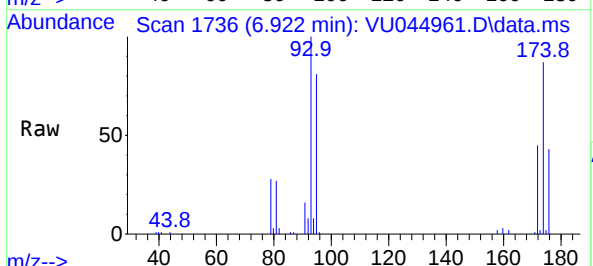
Tgt Ion: 93 Resp: 31435

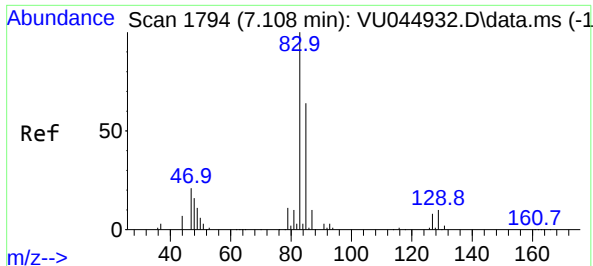
Ion Ratio Lower Upper

93 100

95 84.2 65.6 98.4

174 89.8 70.7 106.1





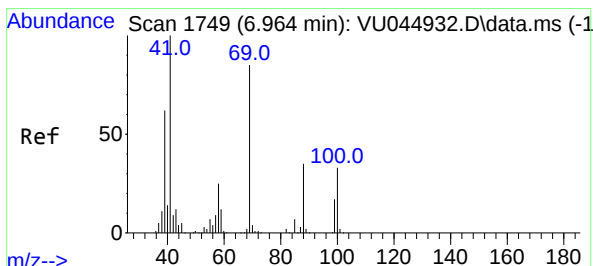
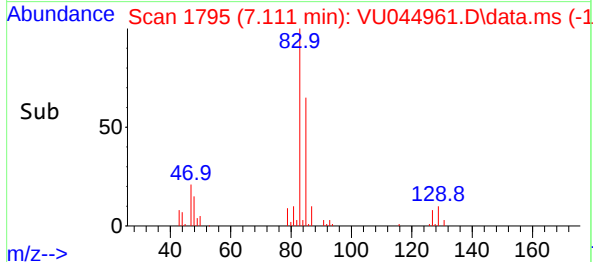
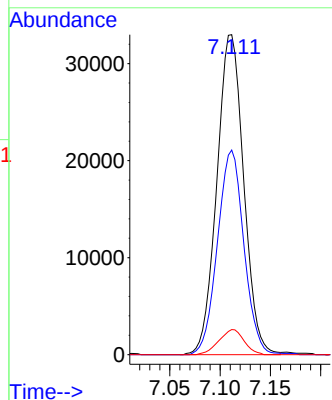
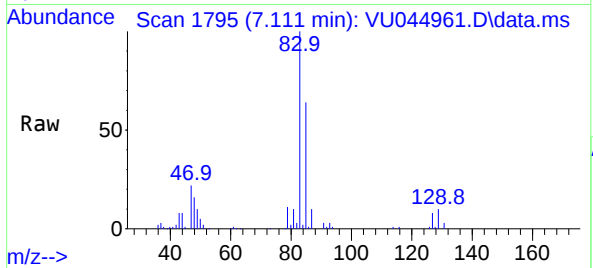
#47
Bromodichloromethane
Concen: 19.866 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 83 Resp: 61285
Ion Ratio Lower Upper
83 100
85 64.0 51.6 77.4
127 7.8 6.2 9.4

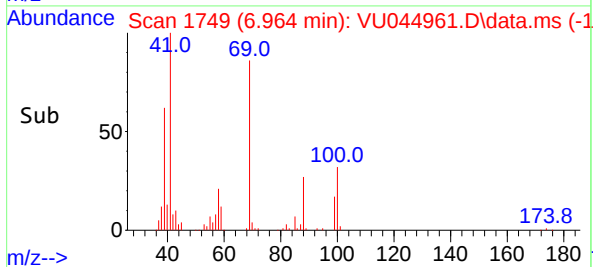
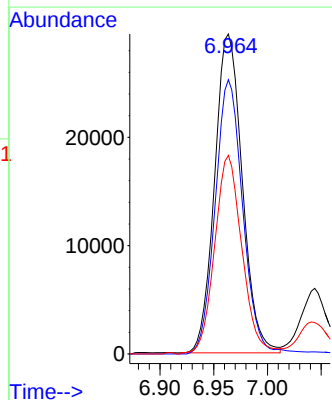
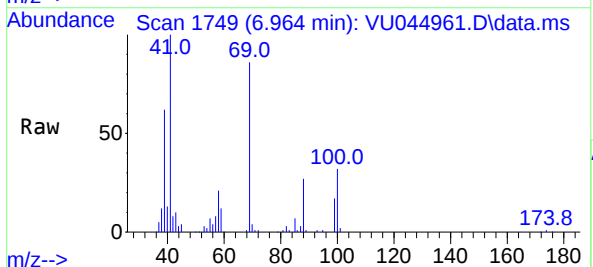
Manual Integrations
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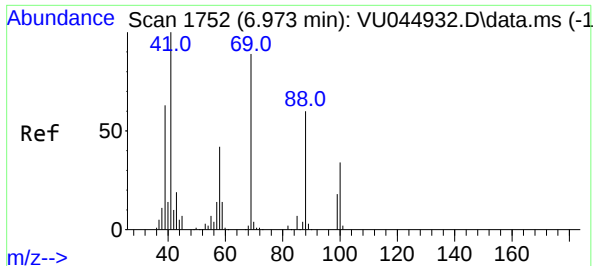
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#48
Methyl methacrylate
Concen: 18.219 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

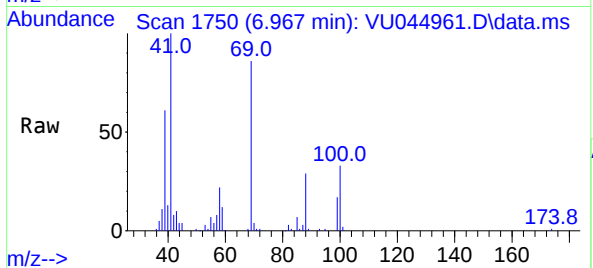
Tgt Ion: 41 Resp: 52726
Ion Ratio Lower Upper
41 100
69 85.9 65.6 98.4
39 61.5 46.2 69.4





#49
1,4-Dioxane
Concen: 207.045 ug/l
RT: 6.967 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

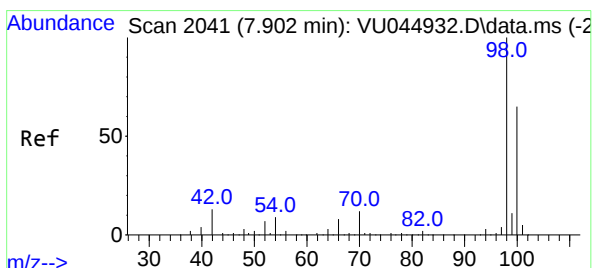
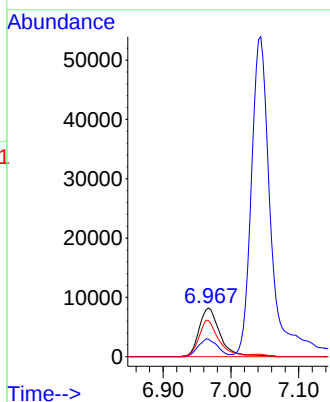
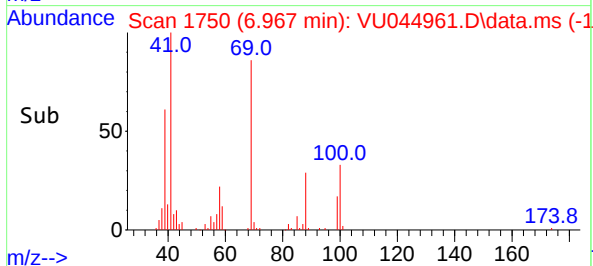
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



Tgt Ion: 88 Resp: 17609
Ion Ratio Lower Upper
88 100
43 34.0 25.8 38.6
58 70.0 61.3 91.9

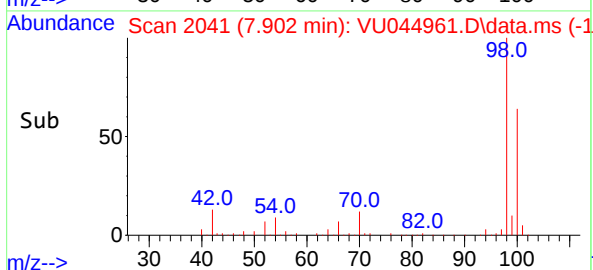
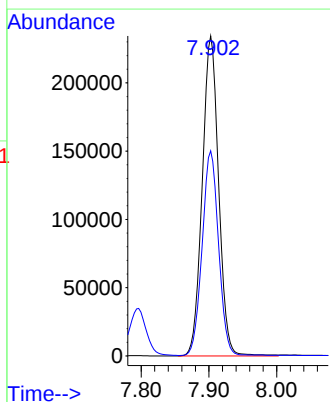
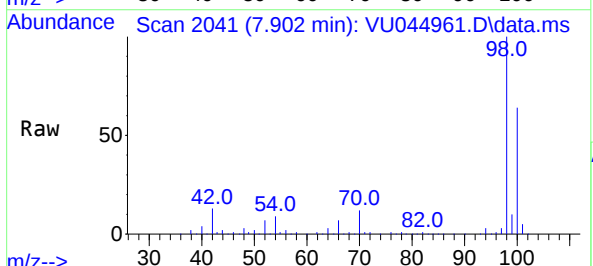
Manual Integrations
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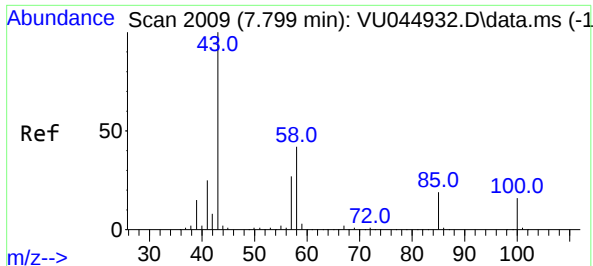
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#50
Toluene-d8
Concen: 55.197 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion: 98 Resp: 392945
Ion Ratio Lower Upper
98 100
100 63.8 52.5 78.7





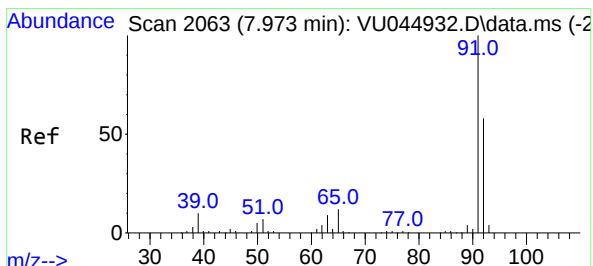
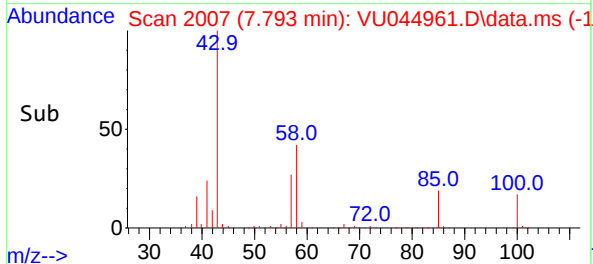
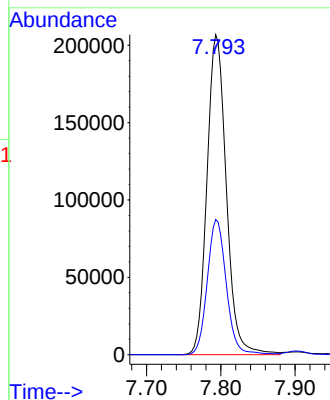
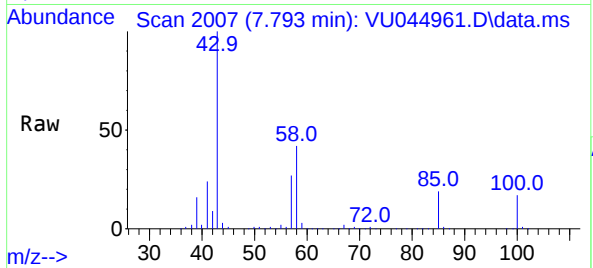
#51
4-Methyl-2-Pentanone
Concen: 86.343 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 43 Resp: 37372
Ion Ratio Lower Upper
43 100
58 41.5 32.4 48.6

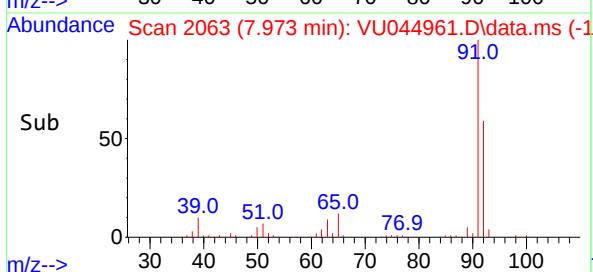
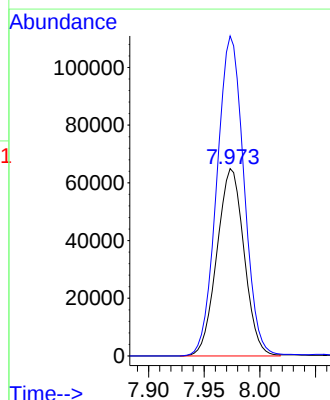
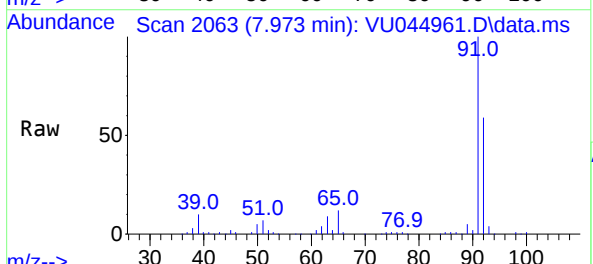
Manual Integrations
APPROVED

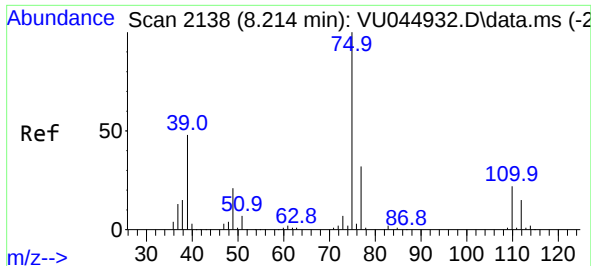
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 19.822 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion: 92 Resp: 110361
Ion Ratio Lower Upper
92 100
91 170.7 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.387 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS03

Tgt Ion: 75 Resp: 6486

Ion Ratio Lower Upper

75 100

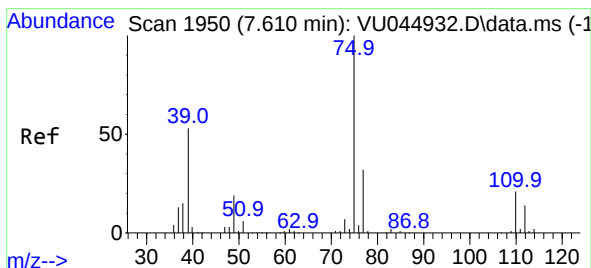
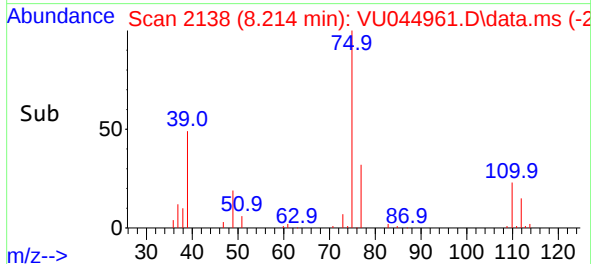
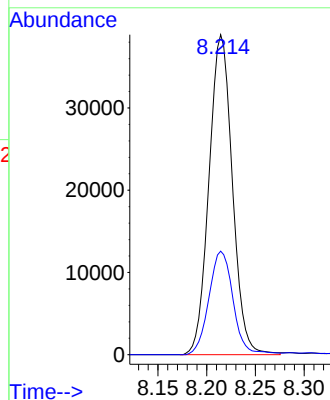
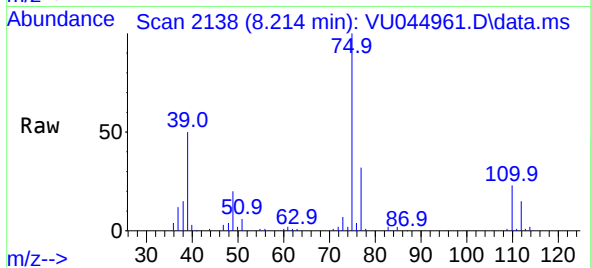
77 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#54

cis-1,3-Dichloropropene

Concen: 19.332 ug/l

RT: 7.613 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

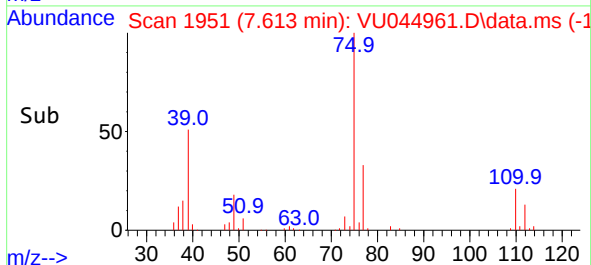
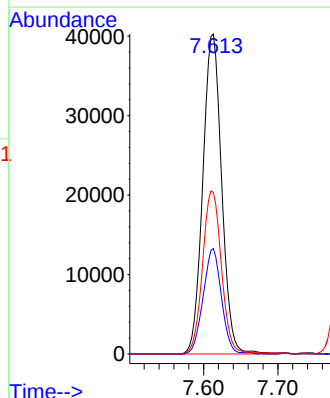
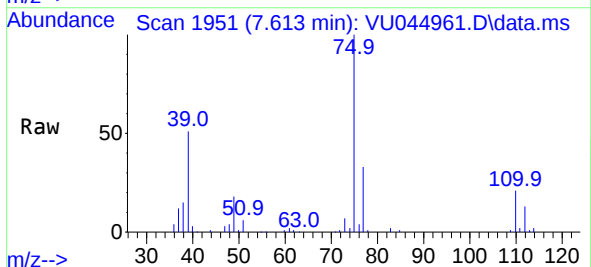
Tgt Ion: 75 Resp: 71038

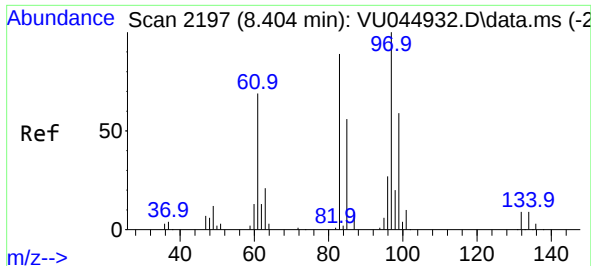
Ion Ratio Lower Upper

75 100

77 33.0 25.0 37.6

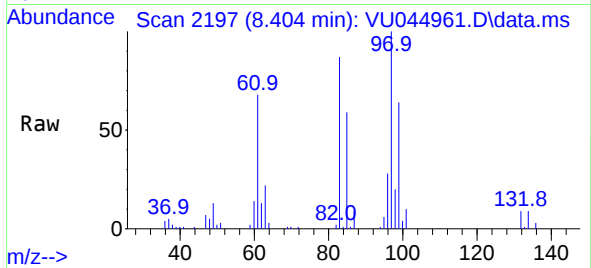
39 50.6 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 19.098 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

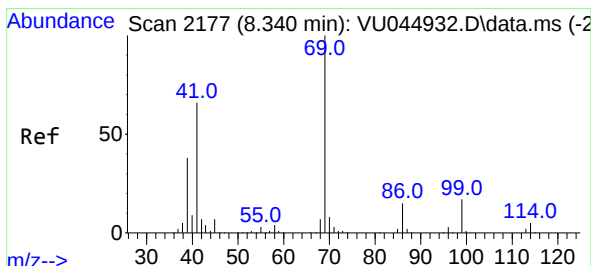
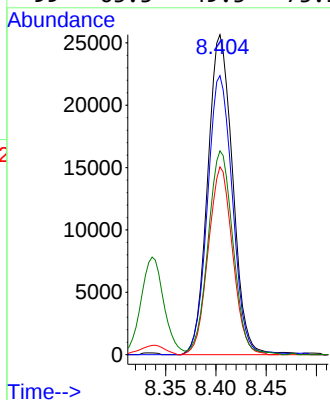
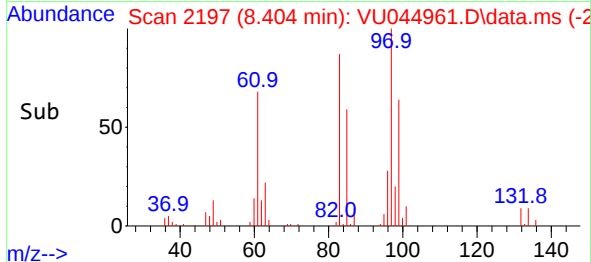


Tgt Ion: 97 Resp: 4430

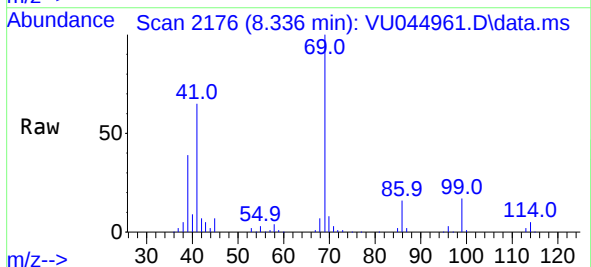
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.7	104.5
85	58.7	44.8	67.2
99	63.3	49.3	73.9

Manual Integrations
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Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

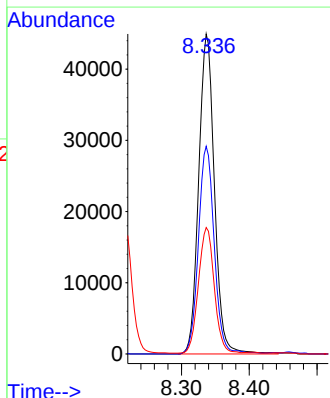
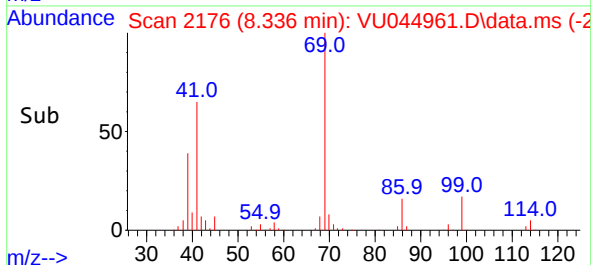


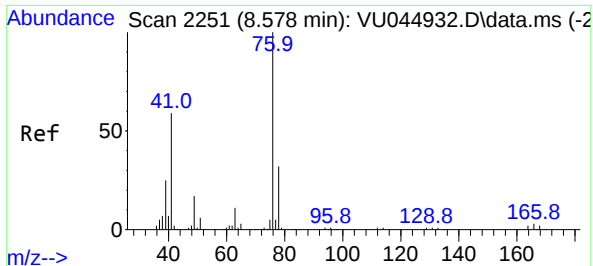
#56
Ethyl methacrylate
Concen: 17.308 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.004 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



Tgt Ion: 69 Resp: 72398

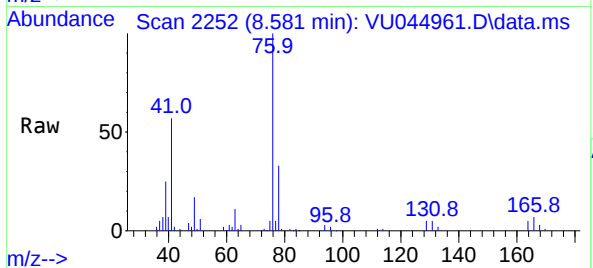
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.5	80.3
39	39.4	31.1	46.7





#57
1,3-Dichloropropane
Concen: 19.485 ug/l
RT: 8.581 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

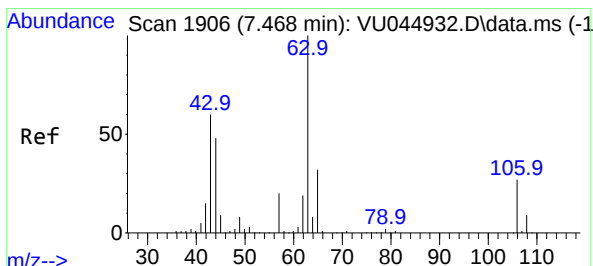
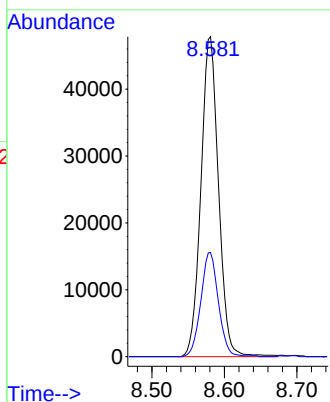
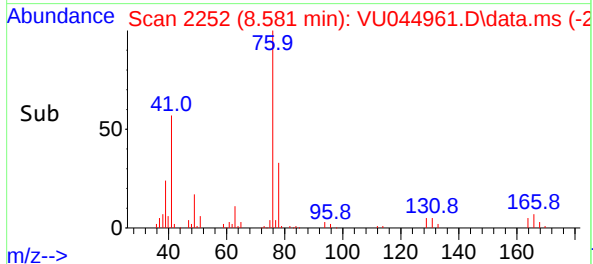
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



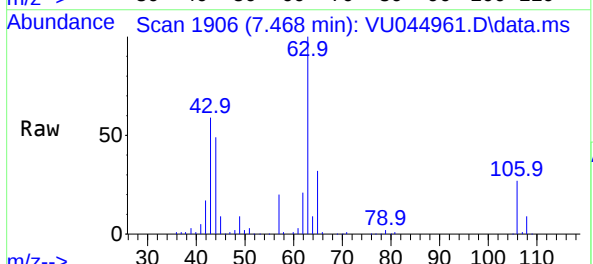
Tgt Ion: 76 Resp: 80672
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

Manual Integrations
APPROVED

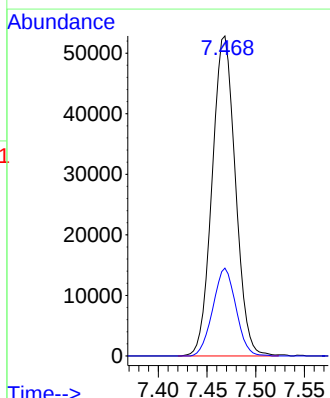
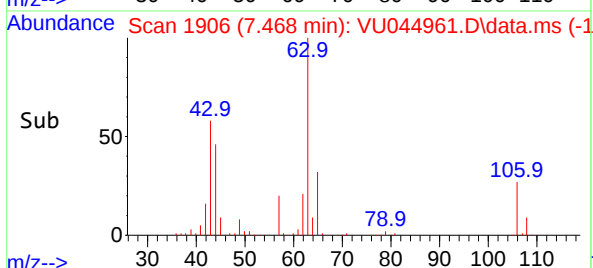
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

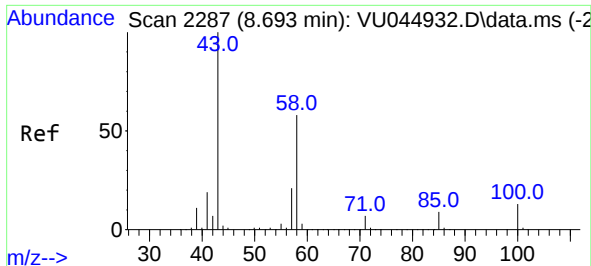


#58
2-Chloroethyl Vinyl ether
Concen: 77.529 ug/l
RT: 7.468 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



Tgt Ion: 63 Resp: 87814
Ion Ratio Lower Upper
63 100
106 27.2 20.5 30.7





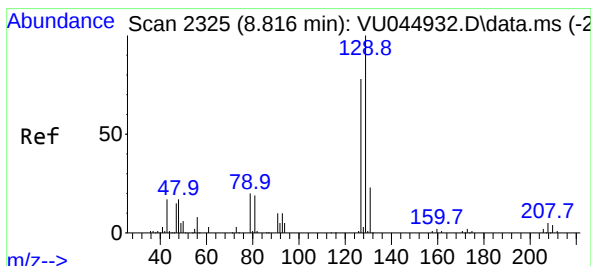
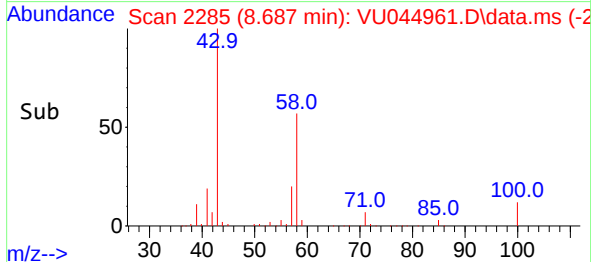
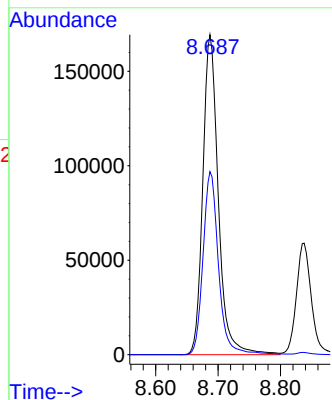
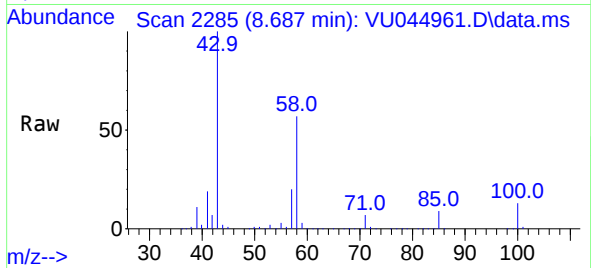
#59
2-Hexanone
Concen: 83.140 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 43 Resp: 293040
Ion Ratio Lower Upper
43 100
58 57.2 28.0 84.0

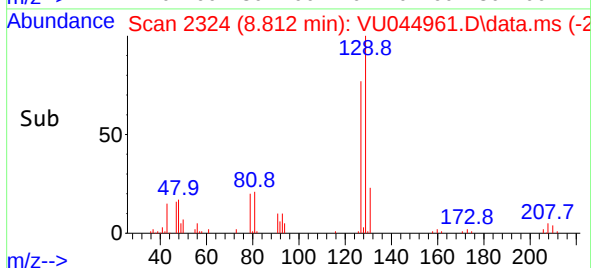
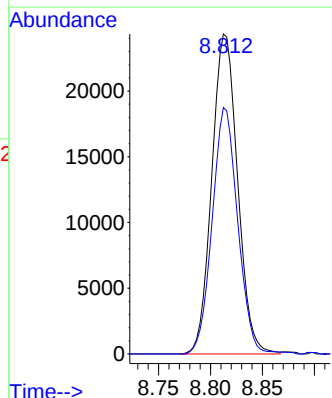
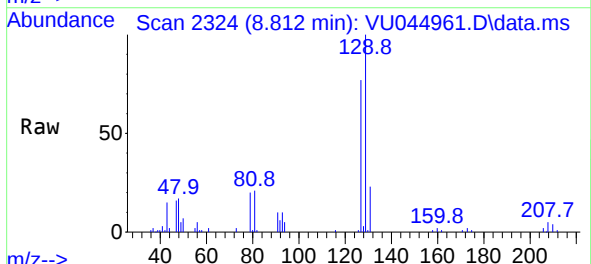
Manual Integrations
APPROVED

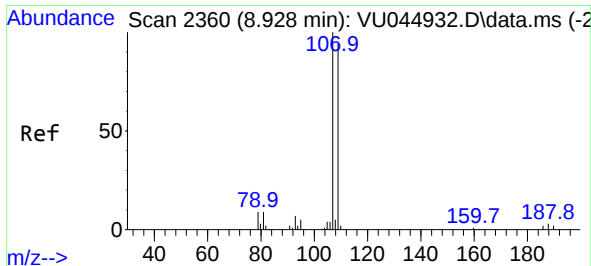
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#60
Dibromochloromethane
Concen: 18.531 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.004 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

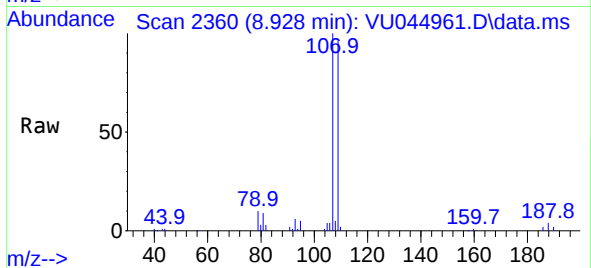
Tgt Ion:129 Resp: 42058
Ion Ratio Lower Upper
129 100
127 76.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.006 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

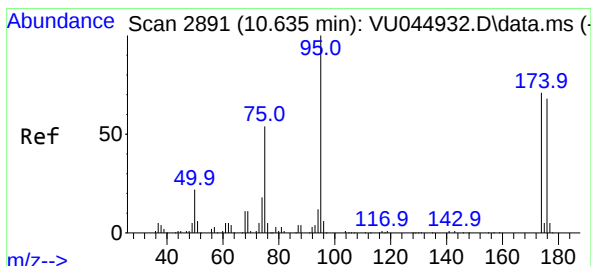
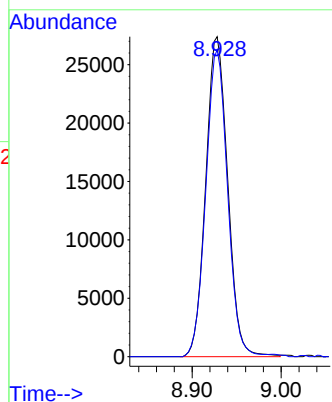
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



Tgt Ion:107 Resp: 46860
Ion Ratio Lower Upper
107 100
109 94.9 74.8 112.2

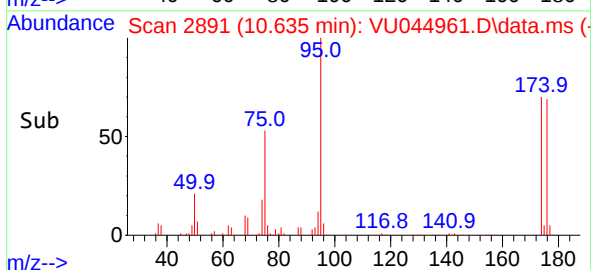
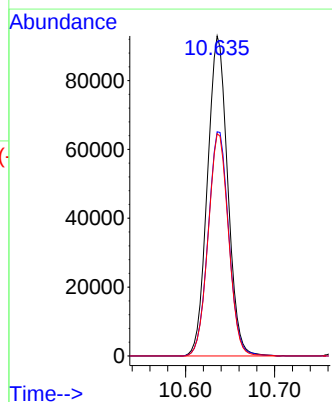
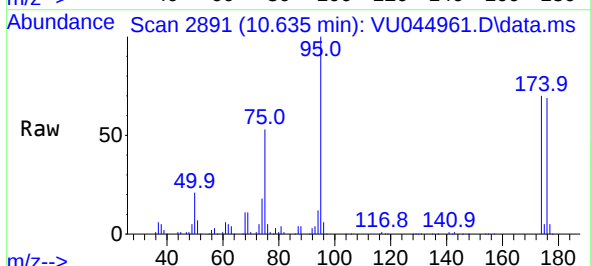
Manual Integrations
APPROVED

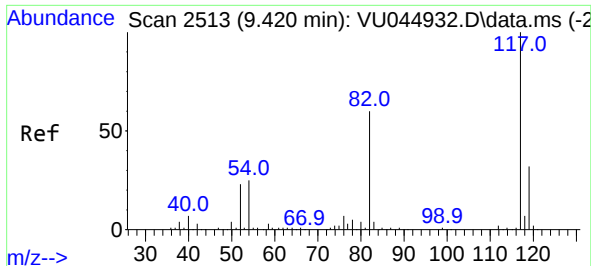
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#62
4-Bromofluorobenzene
Concen: 49.961 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

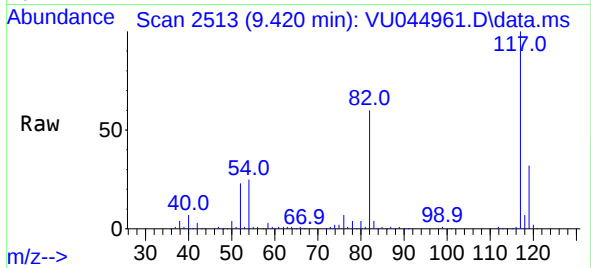
Tgt Ion: 95 Resp: 146839
Ion Ratio Lower Upper
95 100
174 71.3 0.0 146.6
176 69.7 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

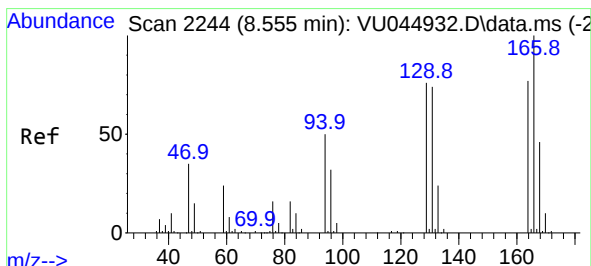
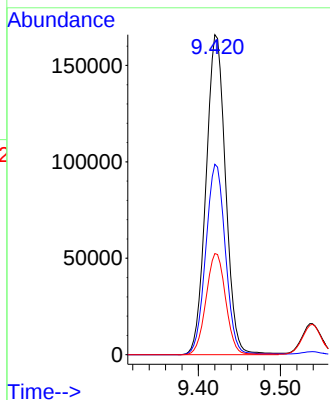
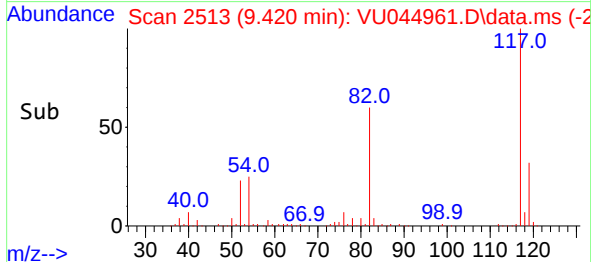
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



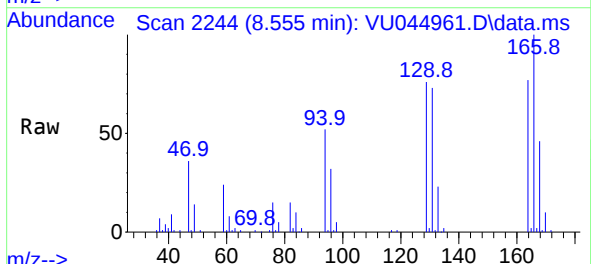
Tgt Ion:117 Resp: 27468
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.8
119 31.6 25.8 38.6

Manual Integrations
APPROVED

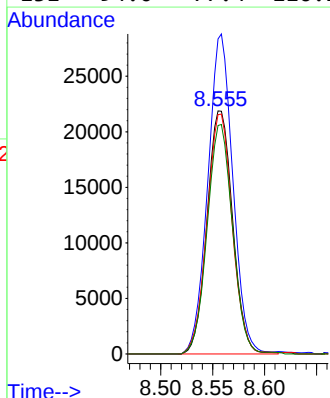
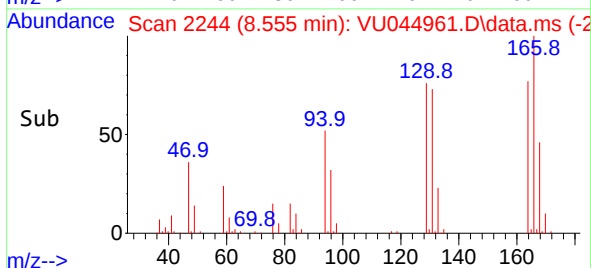
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

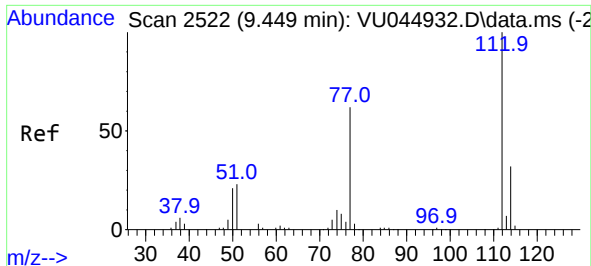


#64
Tetrachloroethene
Concen: 20.888 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



Tgt Ion:164 Resp: 37448
Ion Ratio Lower Upper
164 100
166 129.6 102.8 154.2
129 98.5 79.4 119.2
131 94.0 77.4 116.2





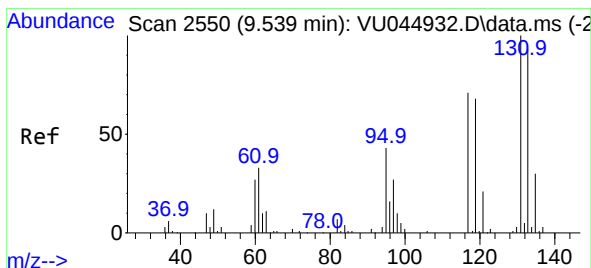
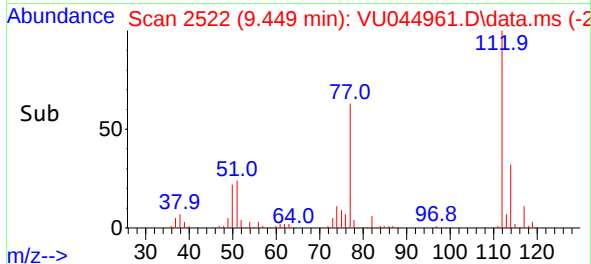
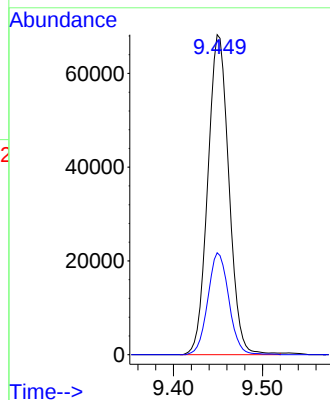
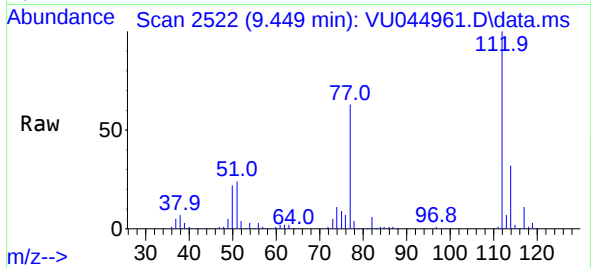
#65
Chlorobenzene
Concen: 19.491 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion:112 Resp: 11224
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9

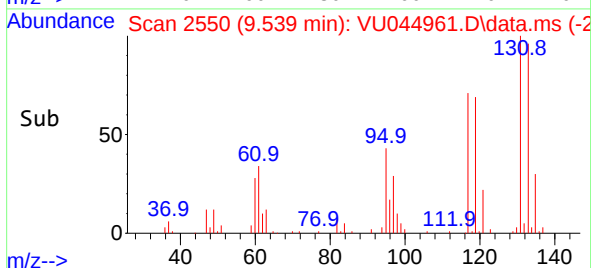
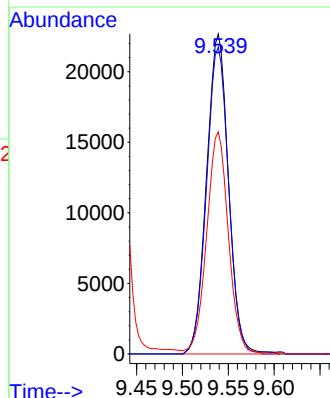
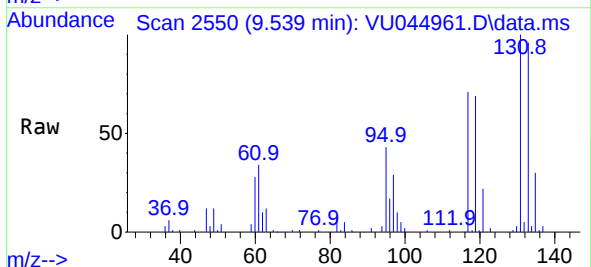
Manual Integrations
APPROVED

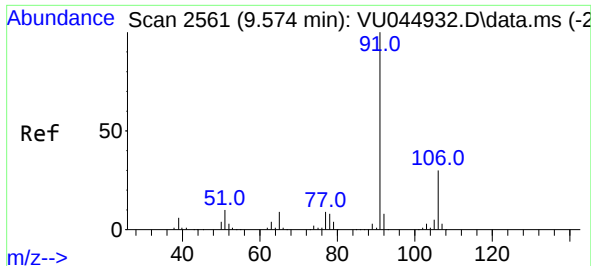
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 18.705 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion:131 Resp: 37608
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 68.9 34.1 102.3





#67

Ethyl Benzene

Concen: 19.793 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS03

Tgt Ion: 91 Resp: 209760

Ion Ratio Lower Upper

91 100

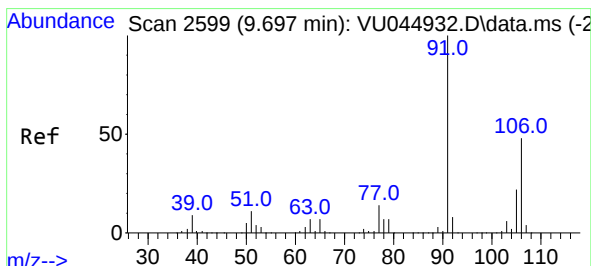
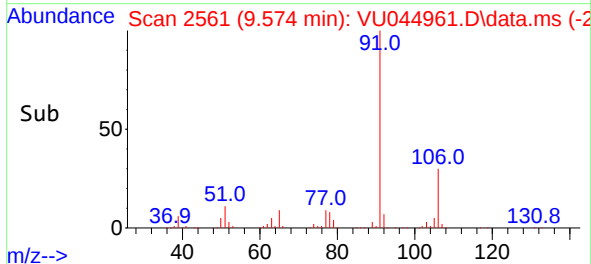
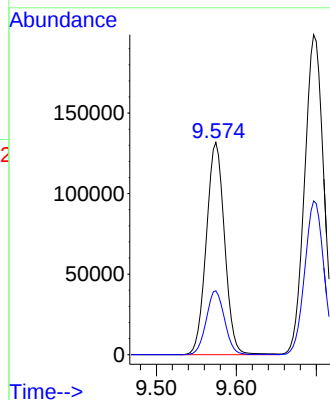
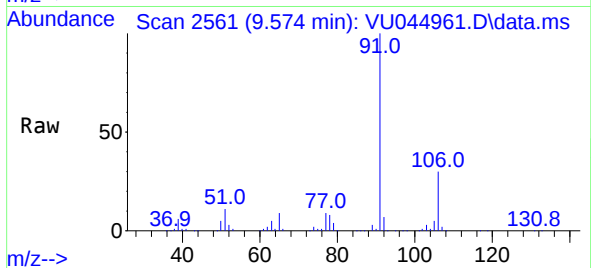
106 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#68

m/p-Xylenes

Concen: 38.803 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU044961.D

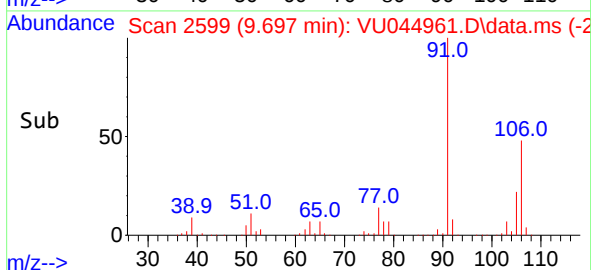
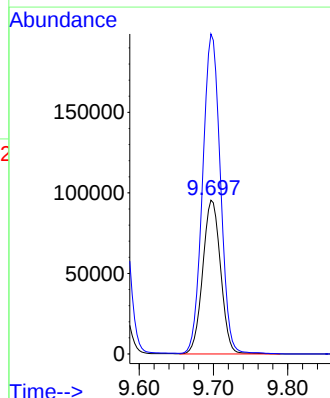
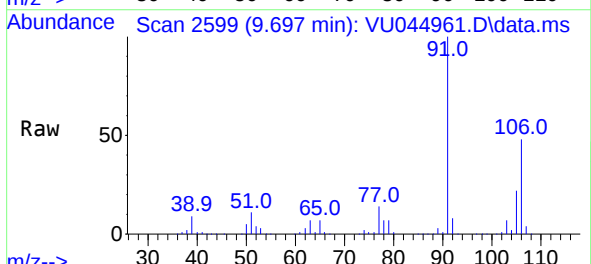
Acq: 28 Sep 2021 23:47

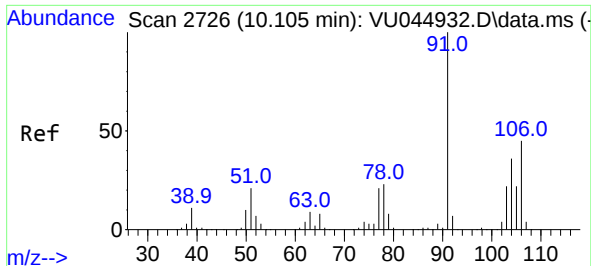
Tgt Ion:106 Resp: 159756

Ion Ratio Lower Upper

106 100

91 207.5 164.2 246.2





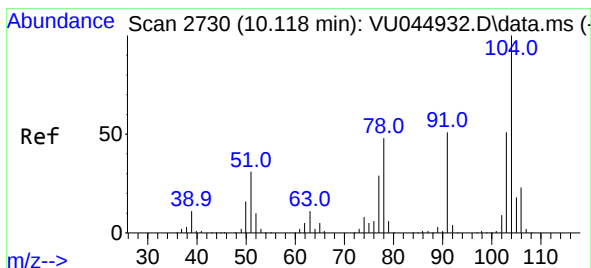
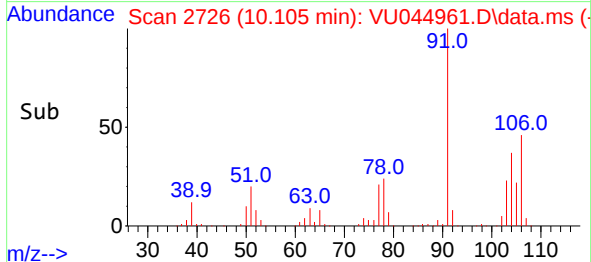
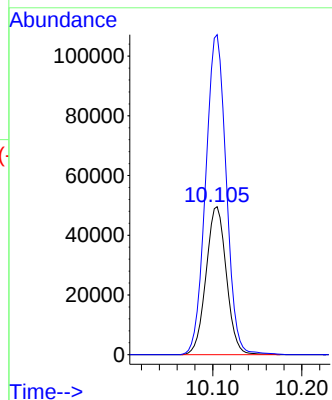
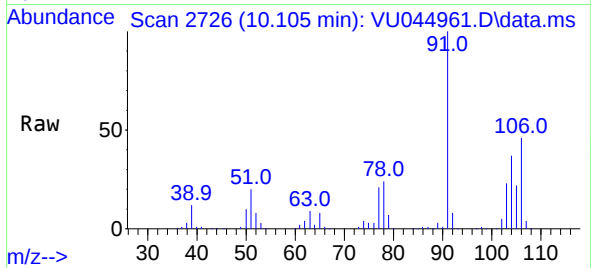
#69
o-Xylene
Concen: 19.201 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion:106 Resp: 78460
Ion Ratio Lower Upper
106 100
91 219.4 108.9 326.7

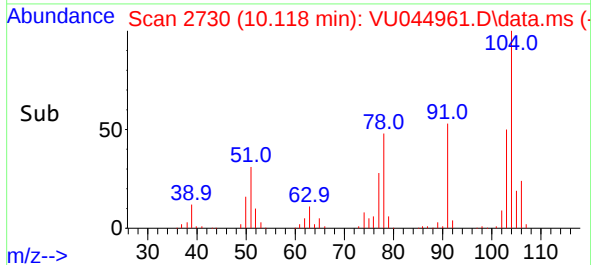
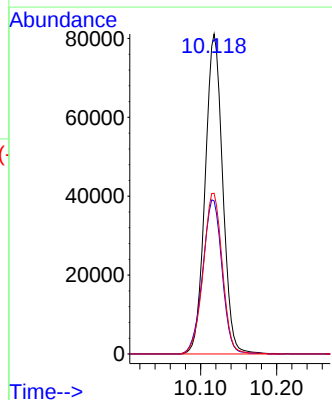
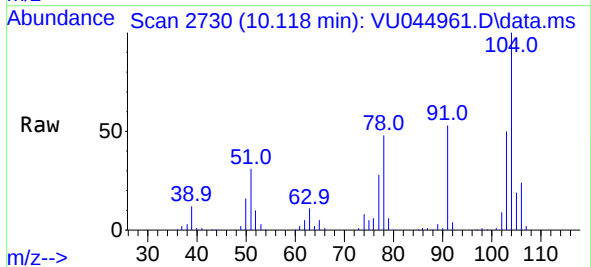
Manual Integrations
APPROVED

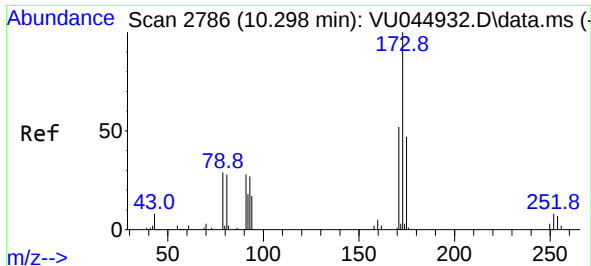
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#70
Styrene
Concen: 18.988 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

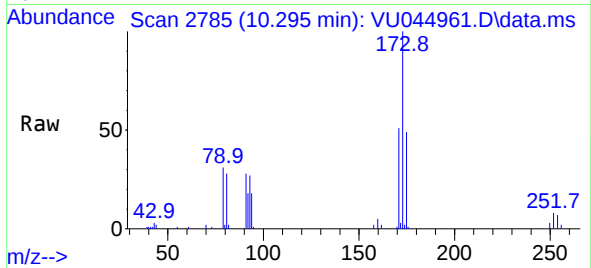
Tgt Ion:104 Resp: 130162
Ion Ratio Lower Upper
104 100
78 53.1 41.4 62.0
103 54.6 43.5 65.3





#71
Bromoform
Concen: 16.505 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

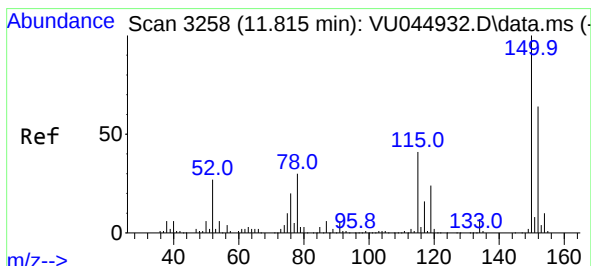
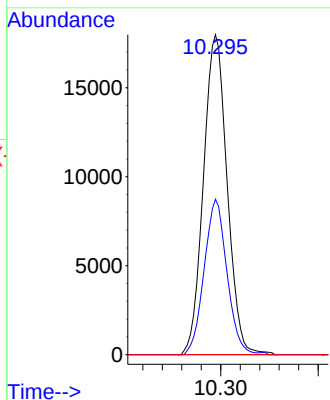
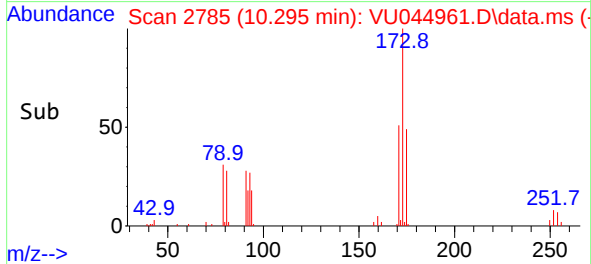
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



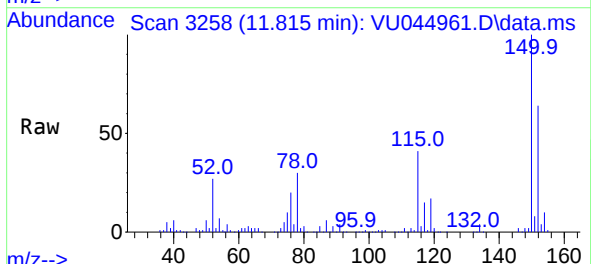
Tgt Ion:173 Resp: 3033
Ion Ratio Lower Upper
173 100
175 46.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

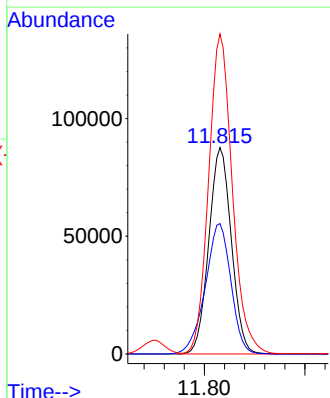
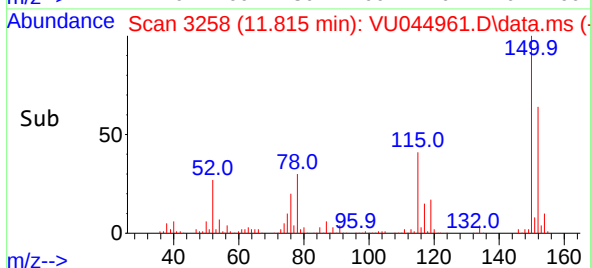
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

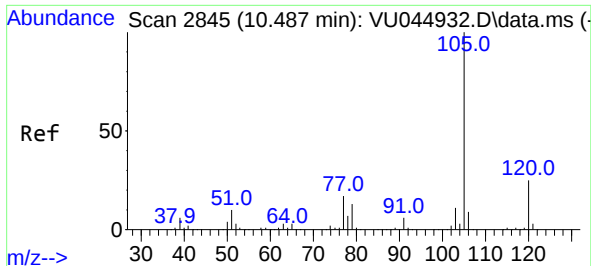


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



Tgt Ion:152 Resp: 136512
Ion Ratio Lower Upper
152 100
115 71.6 43.5 130.7
150 163.2 0.0 350.0





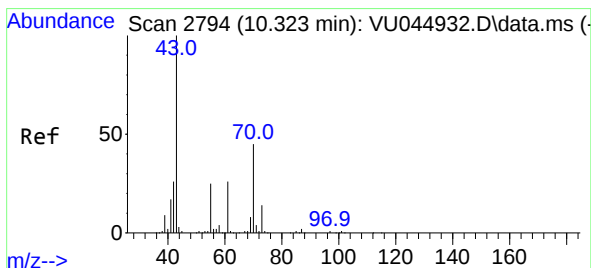
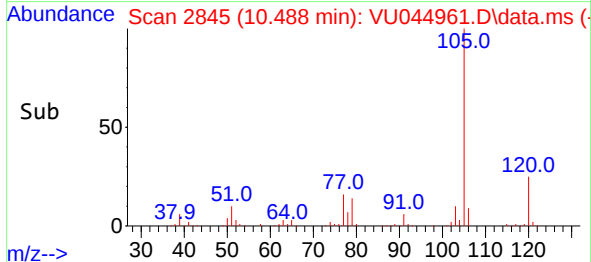
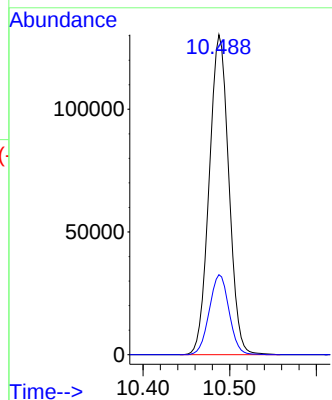
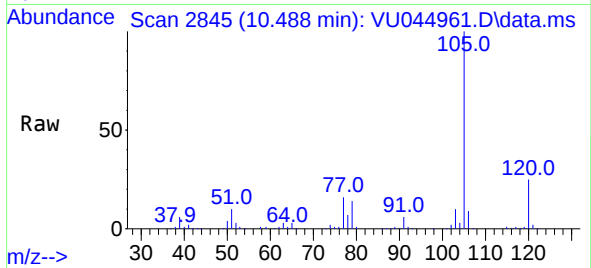
#73
Isopropylbenzene
Concen: 20.173 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion:105 Resp: 20508
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3

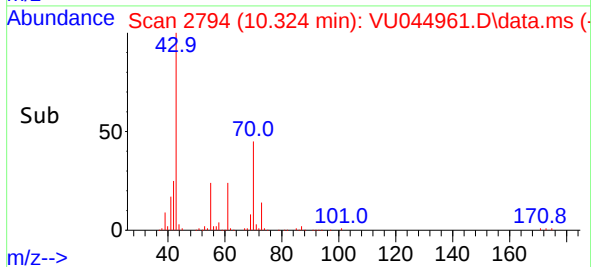
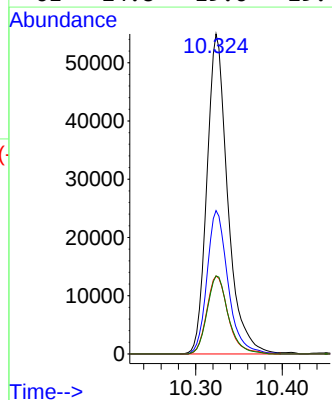
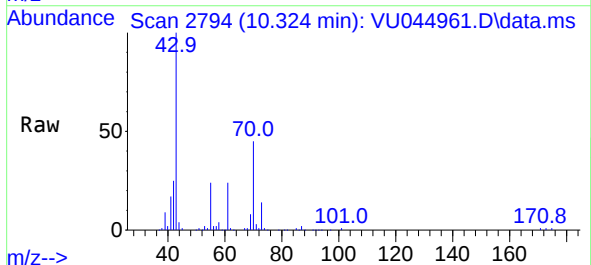
Manual Integrations
APPROVED

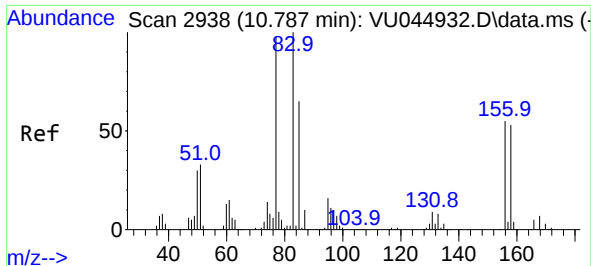
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 17.913 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion: 43 Resp: 91694
Ion Ratio Lower Upper
43 100
70 45.3 35.1 52.7
55 25.1 20.5 30.7
61 24.8 19.6 29.4





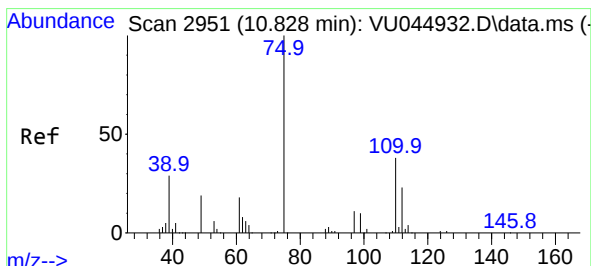
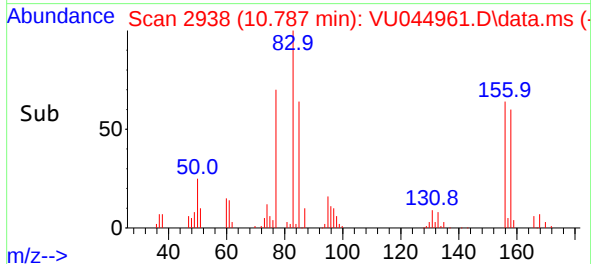
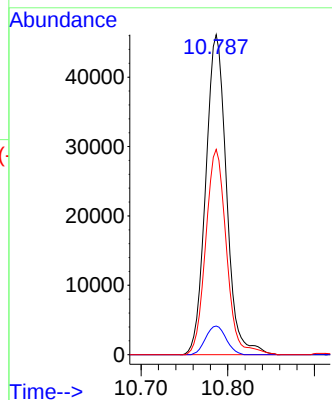
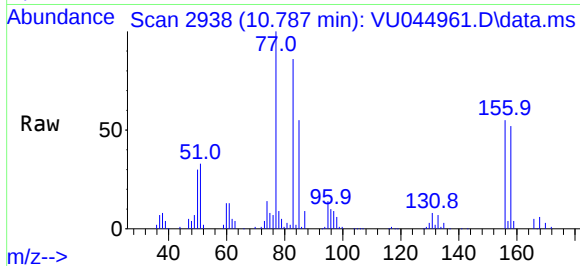
#75
1,1,2,2-Tetrachloroethane
Concen: 17.451 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 83 Resp: 76762
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 64.0 31.9 95.5

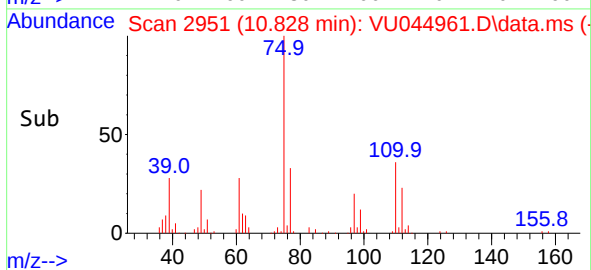
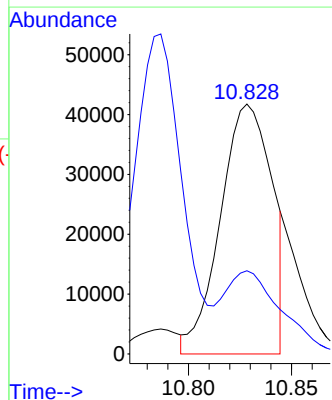
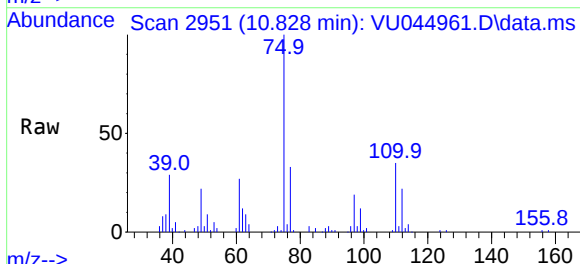
Manual Integrations
APPROVED

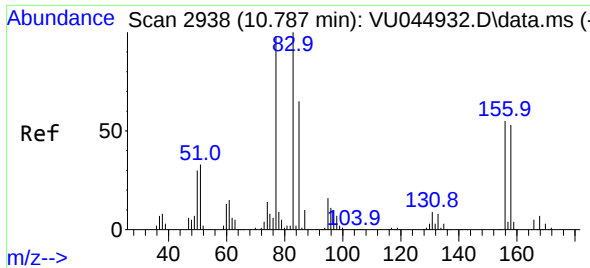
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#76
1,2,3-Trichloropropane
Concen: 18.190 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

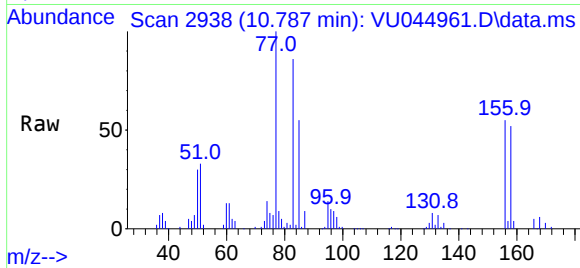
Tgt Ion: 75 Resp: 72428
Ion Ratio Lower Upper
75 100
77 36.8 17.9 53.7





#77
Bromobenzene
Concen: 18.993 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

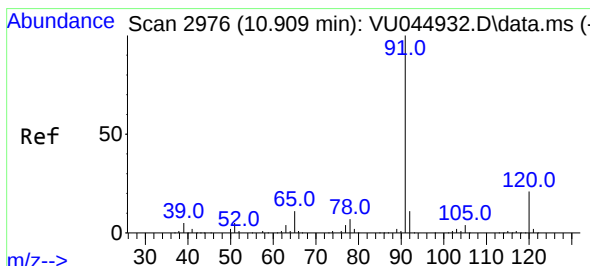
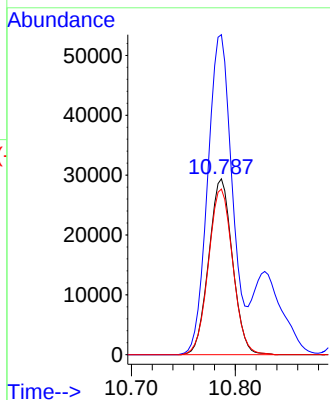
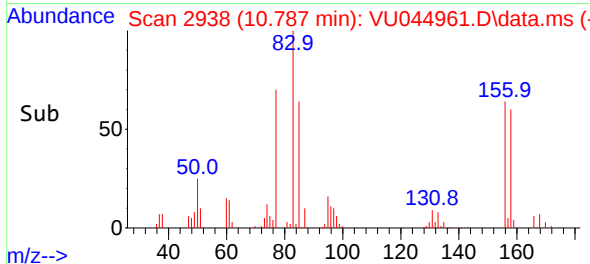
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



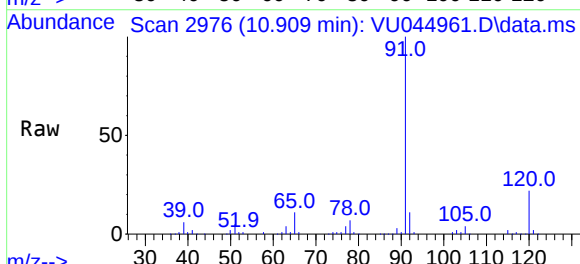
Tgt Ion:156 Resp: 46624
Ion Ratio Lower Upper
156 100
77 189.0 91.1 273.4
158 96.8 48.2 144.6

Manual Integrations
APPROVED

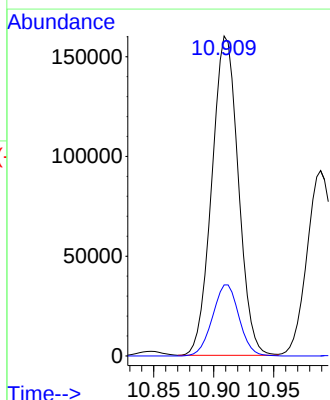
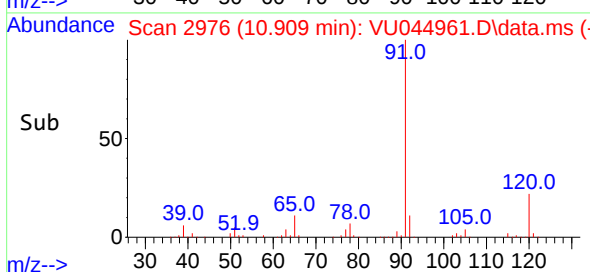
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

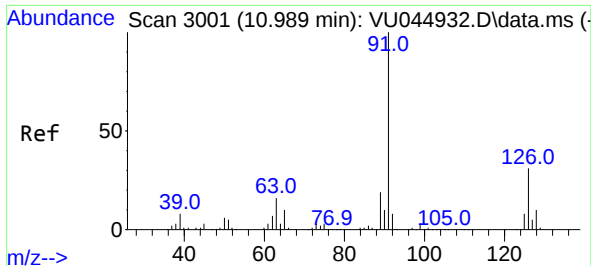


#78
n-propylbenzene
Concen: 19.829 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



Tgt Ion: 91 Resp: 245647
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4





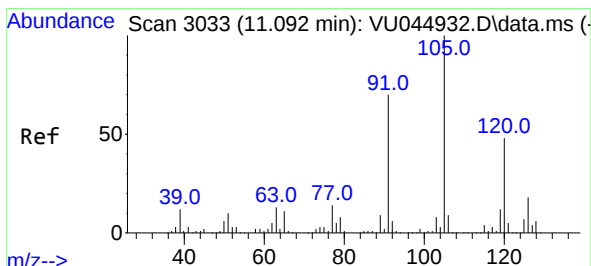
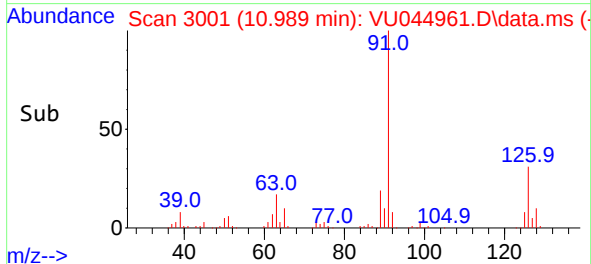
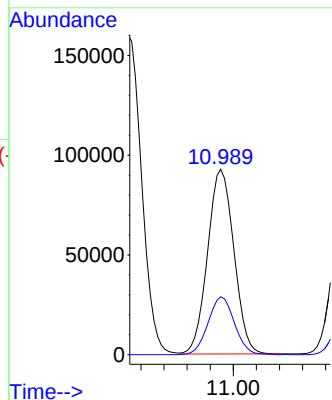
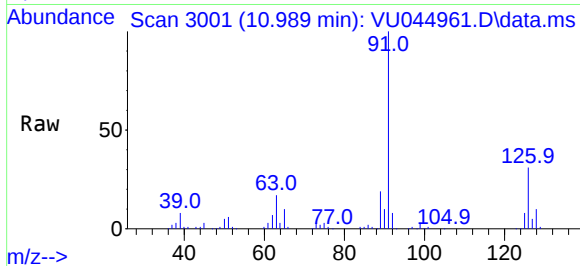
#79
2-Chlorotoluene
Concen: 18.870 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion: 91 Resp: 146530
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0

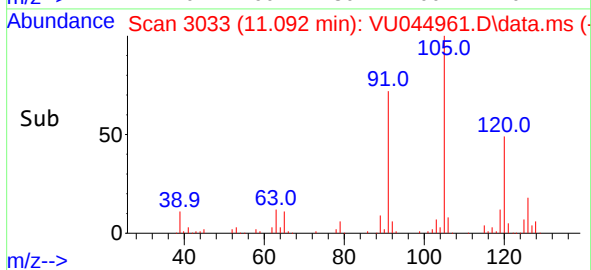
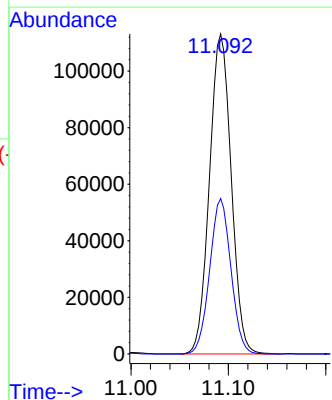
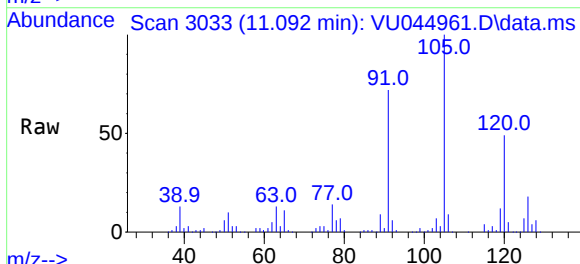
Manual Integrations
APPROVED

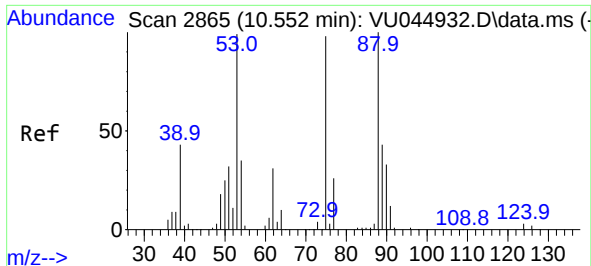
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.668 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

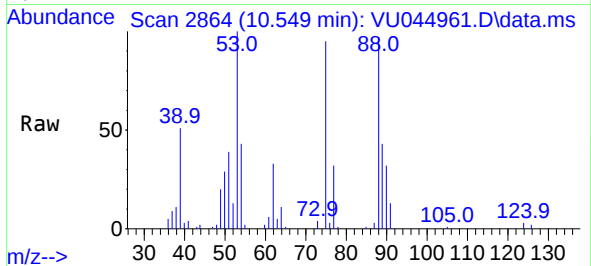
Tgt Ion:105 Resp: 175158
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 14.742 ug/l
RT: 10.549 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

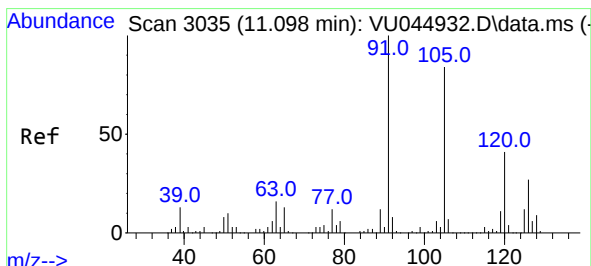
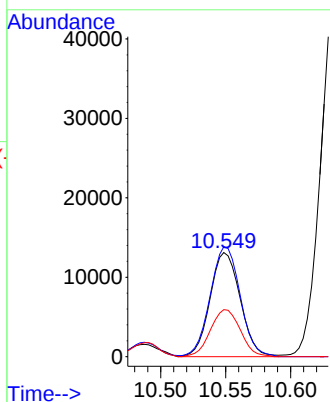
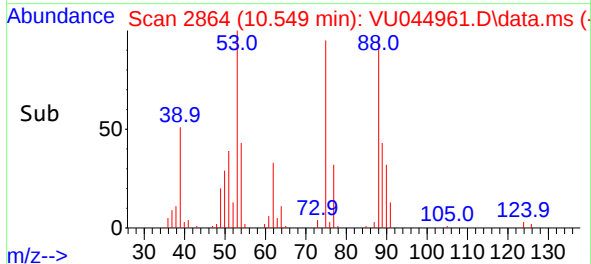
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



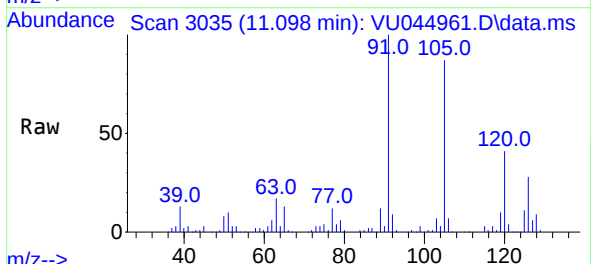
Tgt Ion: 75 Resp: 2115
Ion Ratio Lower Upper
75 100
53 105.1 82.0 123.0
89 44.8 34.2 51.4

Manual Integrations
APPROVED

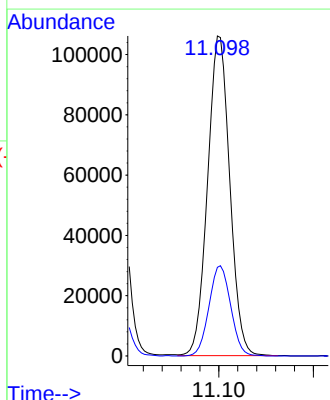
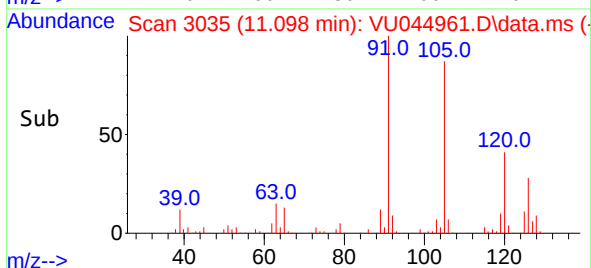
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

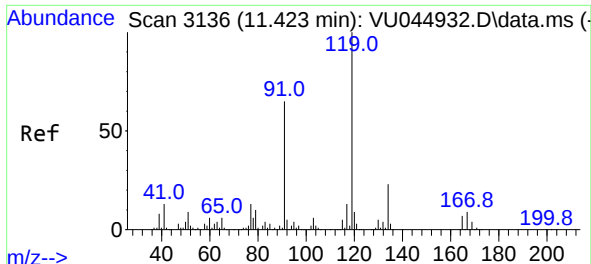


#82
4-Chlorotoluene
Concen: 19.654 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



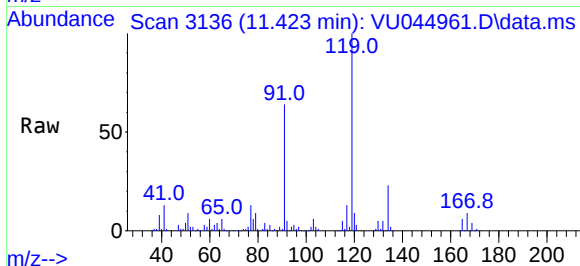
Tgt Ion: 91 Resp: 172513
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4





#83
tert-Butylbenzene
Concen: 18.989 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

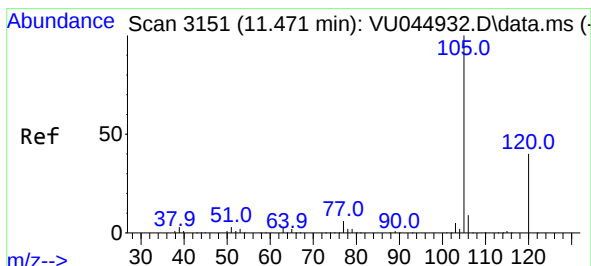
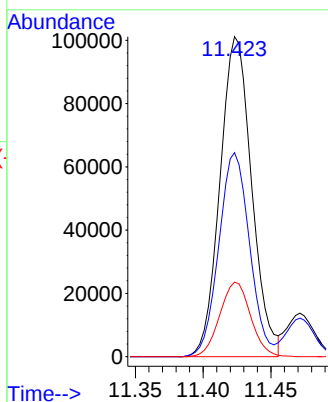
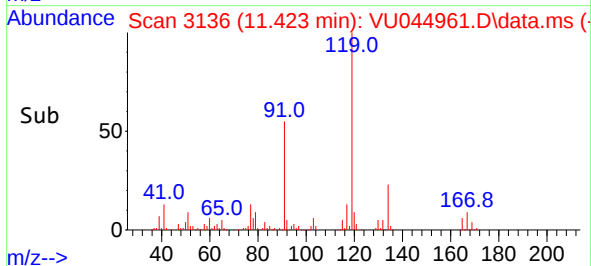
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



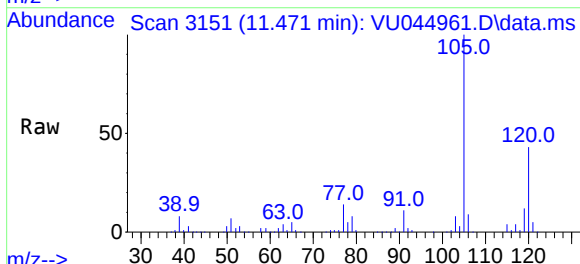
Tgt Ion:119 Resp: 164490
Ion Ratio Lower Upper
119 100
91 61.9 30.4 91.2
134 22.7 11.5 34.5

Manual Integrations
APPROVED

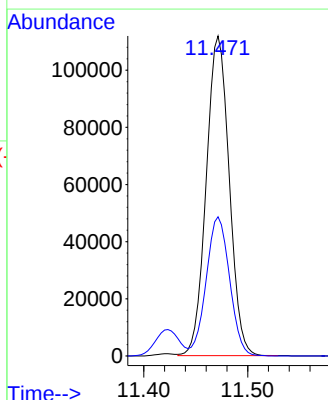
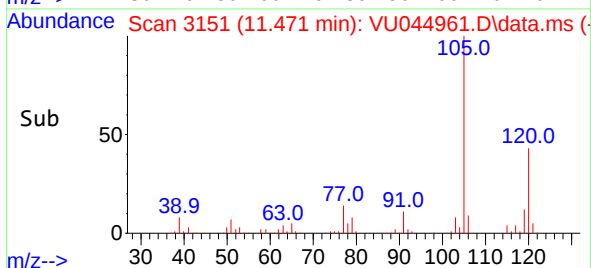
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

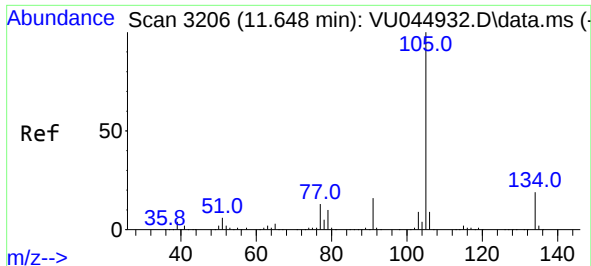


#84
1,2,4-Trimethylbenzene
Concen: 19.511 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



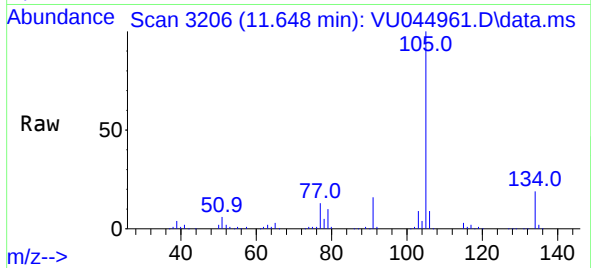
Tgt Ion:105 Resp: 171902
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.664 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU044961.D
 Acq: 28 Sep 2021 23:47

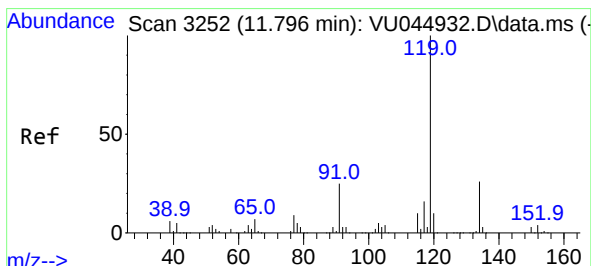
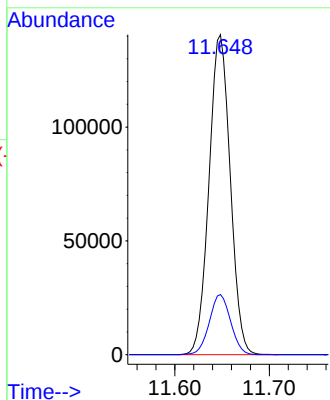
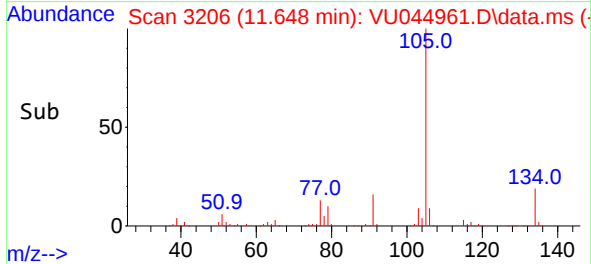
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBS03



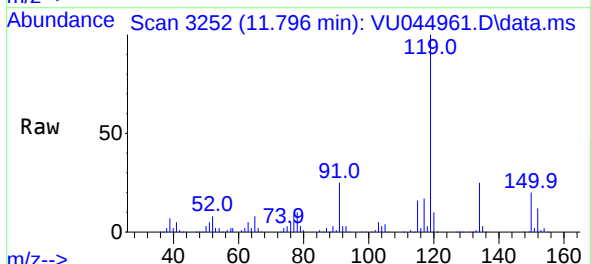
Tgt Ion:105 Resp: 219360
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0

Manual Integrations
 APPROVED

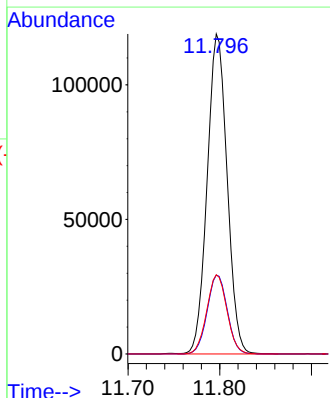
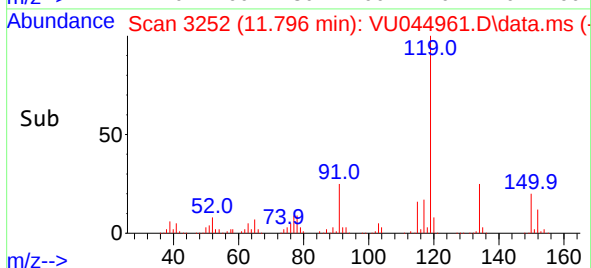
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

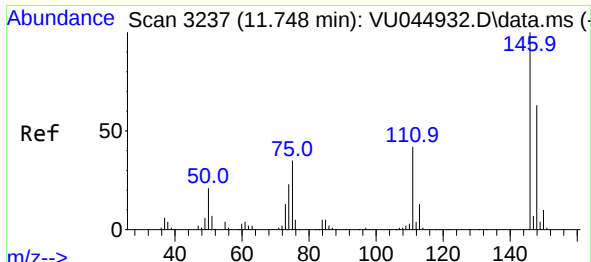


#86
 p-Isopropyltoluene
 Concen: 19.985 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044961.D
 Acq: 28 Sep 2021 23:47



Tgt Ion:119 Resp: 179331
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.3
 91 25.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.810 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS03

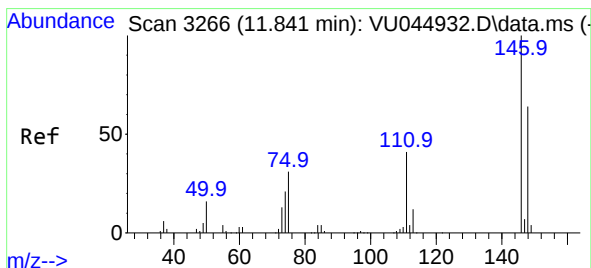
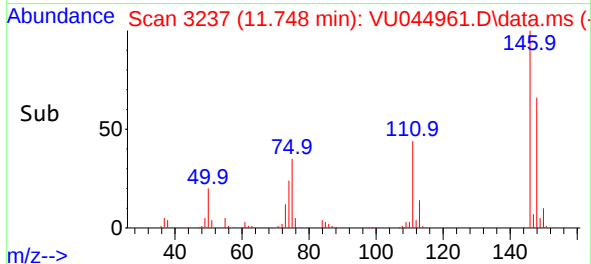
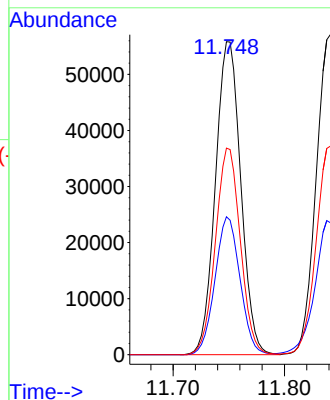
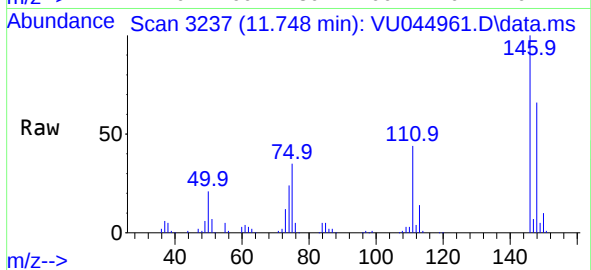
Tgt Ion:146 Resp: 88420
Ion Ratio Lower Upper
146 100
111 43.4 21.2 63.6
148 65.0 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#88

1,4-Dichlorobenzene

Concen: 18.863 ug/l

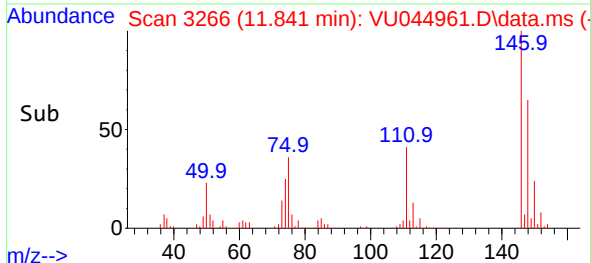
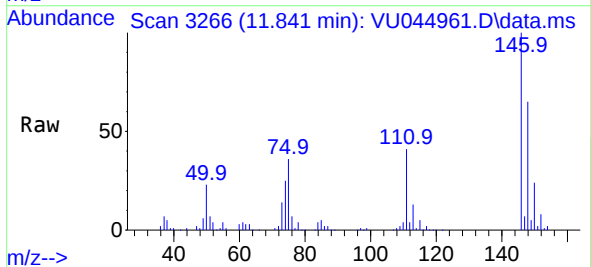
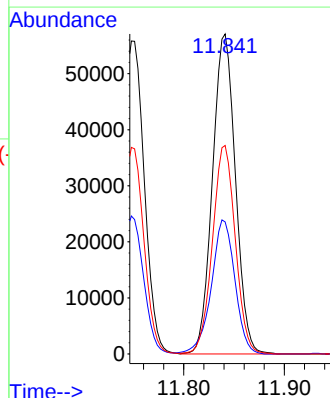
RT: 11.841 min Scan# 3266

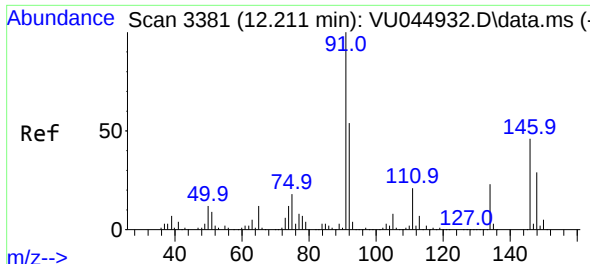
Delta R.T. 0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

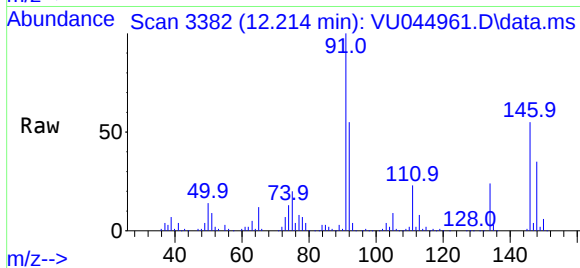
Tgt Ion:146 Resp: 90712
Ion Ratio Lower Upper
146 100
111 43.1 20.3 61.0
148 64.9 31.8 95.3





#89
n-Butylbenzene
Concen: 19.572 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

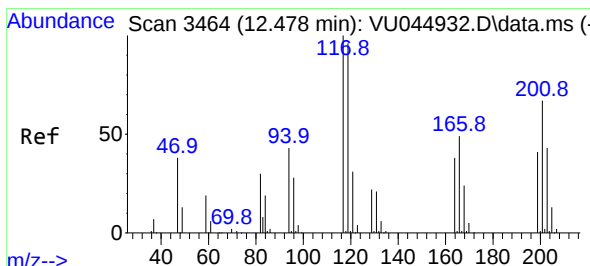
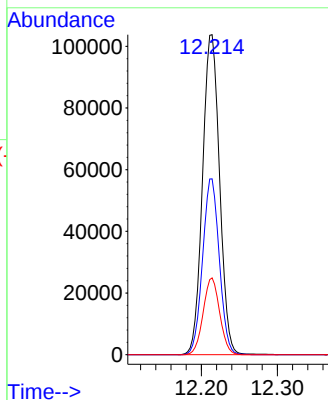
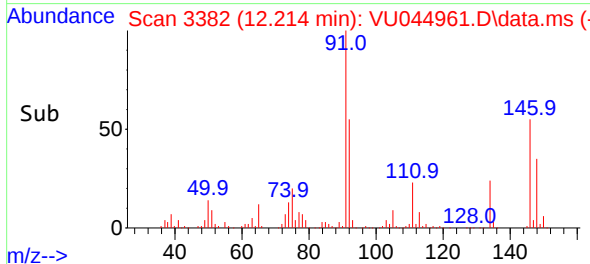
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



Tgt Ion: 91 Resp: 16176
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 23.2 11.8 35.4

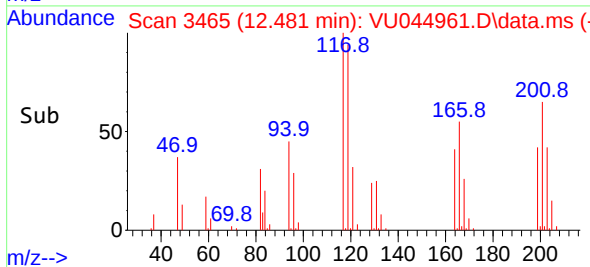
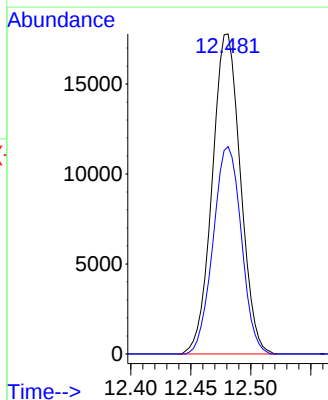
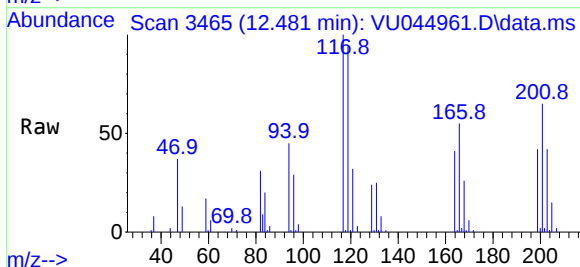
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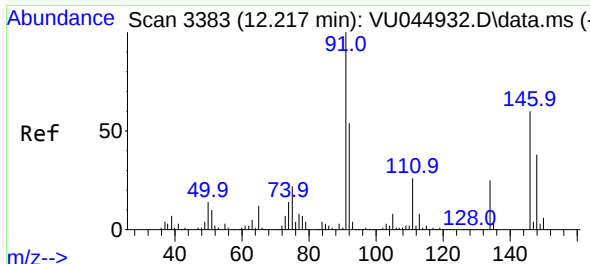
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 17.948 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Tgt Ion:117 Resp: 29083
Ion Ratio Lower Upper
117 100
201 64.7 34.8 104.3





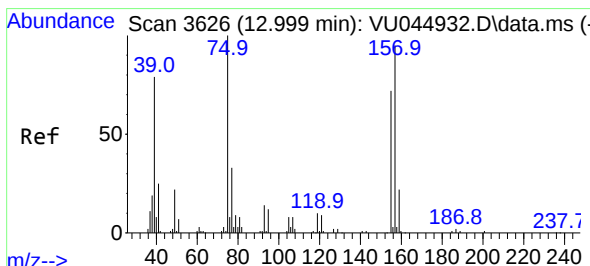
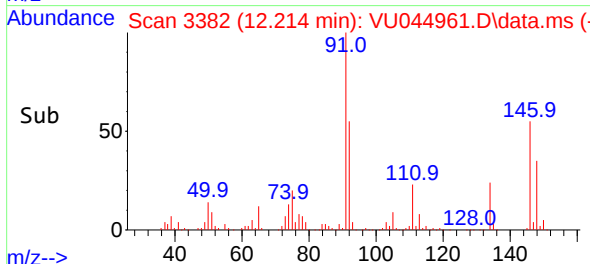
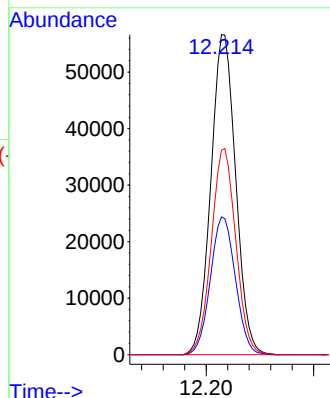
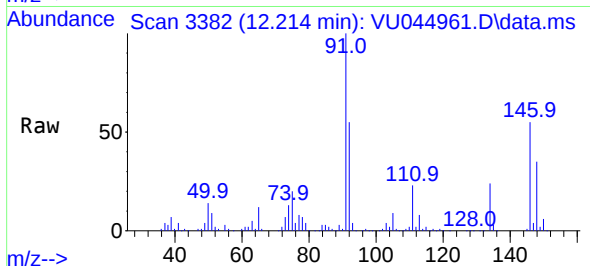
#91
1,2-Dichlorobenzene
Concen: 18.911 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03

Tgt Ion:146 Resp: 9087
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.3
148 63.6 31.8 95.3

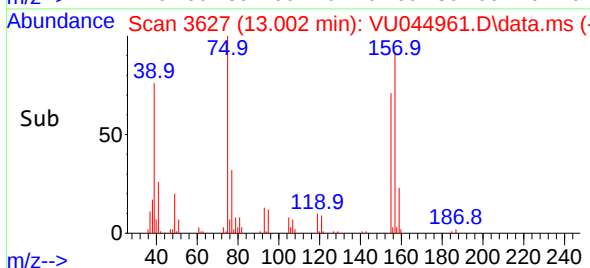
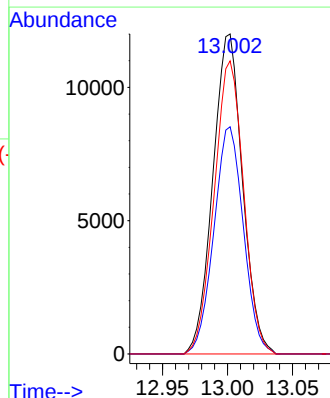
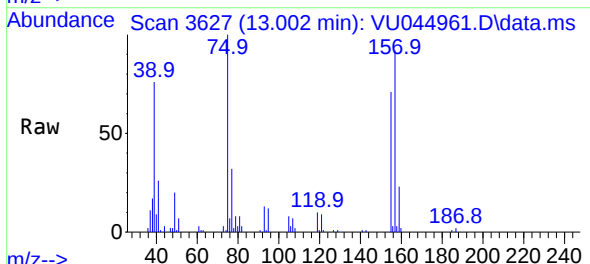
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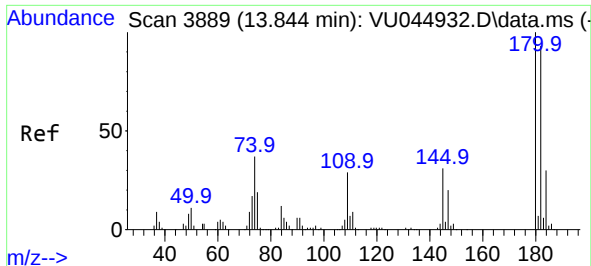
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.351 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

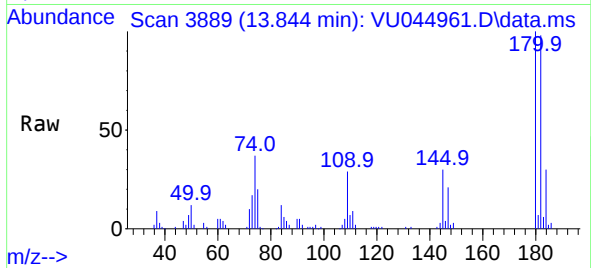
Tgt Ion: 75 Resp: 19046
Ion Ratio Lower Upper
75 100
155 70.6 36.9 110.6
157 91.0 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 19.824 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

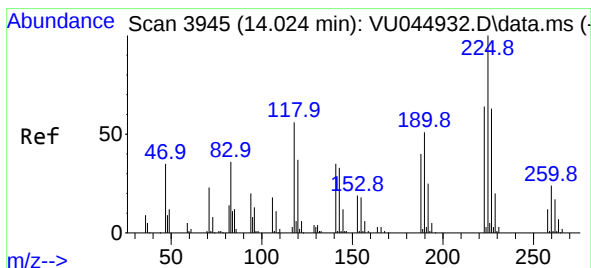
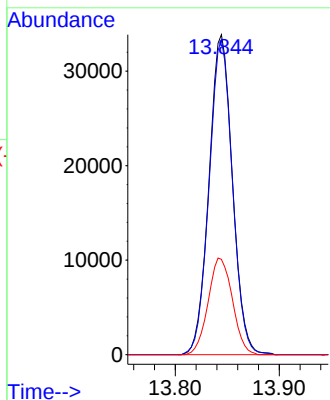
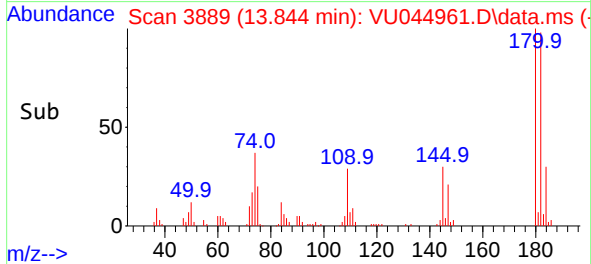
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



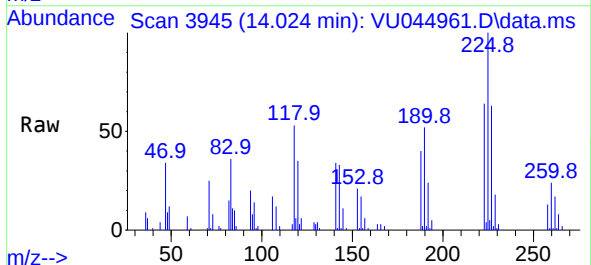
Tgt Ion:180 Resp: 53090
Ion Ratio Lower Upper
180 100
182 97.5 47.4 142.3
145 31.2 15.4 46.2

Manual Integrations
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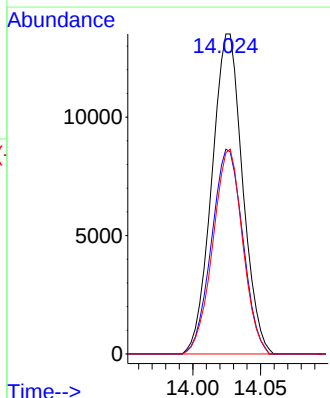
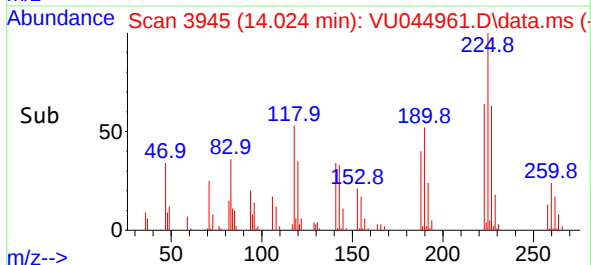
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

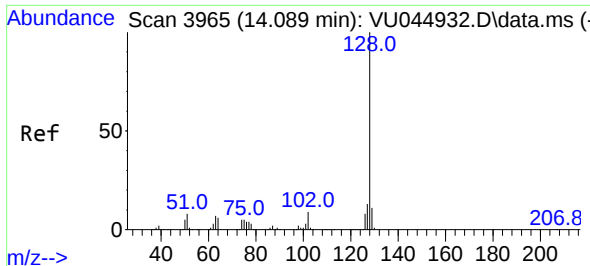


#94
Hexachlorobutadiene
Concen: 19.061 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



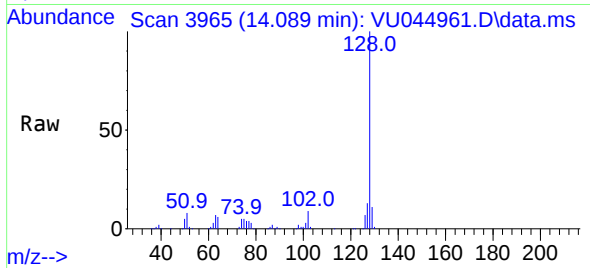
Tgt Ion:225 Resp: 21309
Ion Ratio Lower Upper
225 100
223 64.9 31.1 93.3
227 62.0 31.4 94.3





#95
Naphthalene
Concen: 19.302 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47

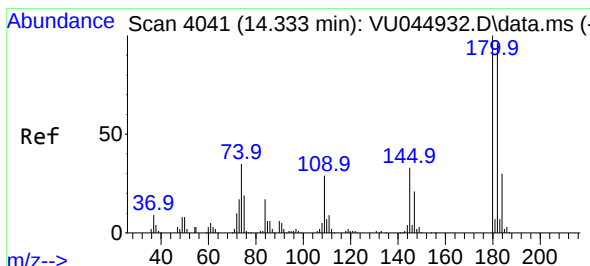
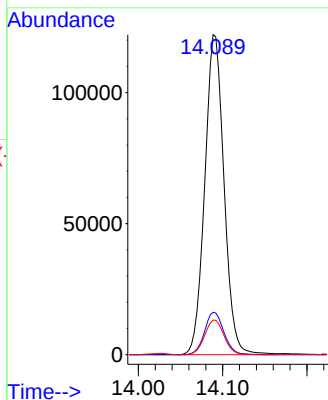
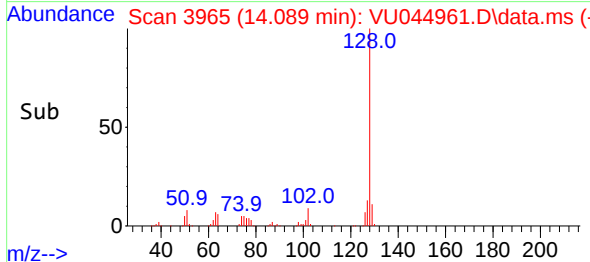
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS03



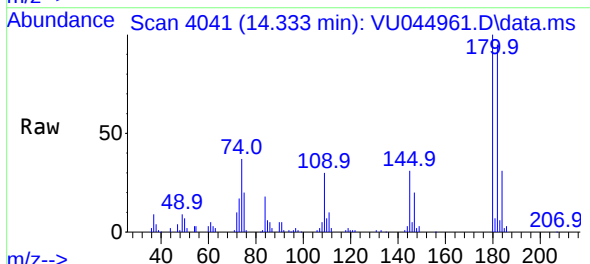
Tgt Ion:128 Resp: 194418
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.056 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044961.D
Acq: 28 Sep 2021 23:47



Tgt Ion:180 Resp: 53943
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.4
145 32.2 16.4 49.2

