

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044940.D
 Acq On : 28 Sep 2021 14:46
 Operator : SY/MD
 Sample : VU0928WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 15:54:06 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

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	163772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	297191	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	283973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	139229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	126441	46.380	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.760%		
35) Dibromofluoromethane	5.295	113	88899	47.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	7.902	98	348445	47.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.080%		
62) 4-Bromofluorobenzene	10.635	95	130825	42.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	39664	19.558	ug/l	99
3) Chloromethane	1.520	50	48683	18.533	ug/l	98
4) Vinyl Chloride	1.607	62	50941	19.421	ug/l	99
5) Bromomethane	1.845	94	35437	34.443	ug/l	98
6) Chloroethane	1.928	64	34375	17.060	ug/l	99
7) Trichlorofluoromethane	2.137	101	67460	19.475	ug/l	99
8) Diethyl Ether	2.379	74	31319	19.729	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.581	101	37233	18.901	ug/l	99
10) Methyl Iodide	2.726	142	35362	16.819	ug/l	97
11) Tert butyl alcohol	3.182	59	64464	82.389	ug/l	100
12) 1,1-Dichloroethene	2.581	96	37068	19.090	ug/l	96
13) Acrolein	2.488	56	12887	86.542	ug/l	98
14) Allyl chloride	2.925	41	68024	18.930	ug/l	95
15) Acrylonitrile	3.317	53	151775	96.183	ug/l	99
16) Acetone	2.629	43	142322	87.950	ug/l	98
17) Carbon Disulfide	2.797	76	106998	18.667	ug/l	99
18) Methyl Acetate	2.951	43	92035	19.460	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	145643	19.431	ug/l	99
20) Methylene Chloride	3.051	84	46523	19.087	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	40391	19.016	ug/l	99
22) Diisopropyl ether	3.999	45	138390	18.864	ug/l	96
23) Vinyl Acetate	3.961	43	579034	97.044	ug/l	98
24) 1,1-Dichloroethane	3.874	63	80523	19.120	ug/l	99
25) 2-Butanone	4.703	43	210882	91.724	ug/l	96
26) 2,2-Dichloropropane	4.668	77	65724	18.458	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	48899	19.492	ug/l	97
28) Bromochloromethane	4.980	49	30145	17.269	ug/l	94
29) Tetrahydrofuran	5.054	42	131950	96.412	ug/l	95
30) Chloroform	5.092	83	80578	18.983	ug/l	99
31) Cyclohexane	5.391	56	78060	18.850	ug/l	92
32) 1,1,1-Trichloroethane	5.321	97	67221	19.193	ug/l	100
36) 1,1-Dichloropropene	5.533	75	59063	19.004	ug/l	100
37) Ethyl Acetate	4.806	43	78163	19.008	ug/l	98
38) Carbon Tetrachloride	5.526	117	52839	19.648	ug/l	97
39) Methylcyclohexane	6.767	83	73635	19.300	ug/l	96
40) Benzene	5.777	78	176784	19.098	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	41096	19.413	ug/l	96
42) 1,2-Dichloroethane	5.800	62	70407	19.352	ug/l	100
43) Isopropyl Acetate	5.915	43	118770	19.198	ug/l	99
44) Trichloroethene	6.546	130	41986	19.238	ug/l	97
45) 1,2-Dichloropropane	6.796	63	46713	19.035	ug/l	98
46) Dibromomethane	6.922	93	32230	19.495	ug/l	99
47) Bromodichloromethane	7.108	83	61983	19.310	ug/l	98
48) Methyl methacrylate	6.964	41	56062	18.617	ug/l	95
49) 1,4-Dioxane	6.967	88	25256	301.284	ug/l	93
51) 4-Methyl-2-Pentanone	7.793	43	402090	89.277	ug/l	98
52) Toluene	7.973	92	110989	19.158	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	70296	19.150	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	73742	19.286	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	45399	18.808	ug/l	100
56) Ethyl methacrylate	8.337	69	75817	17.408	ug/l	99
57) 1,3-Dichloropropane	8.578	76	80739	18.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	95841	80.250	ug/l	97
59) 2-Hexanone	8.687	43	319830	87.204	ug/l	98
60) Dibromochloromethane	8.812	129	42971	18.235	ug/l	97
61) 1,2-Dibromoethane	8.928	107	48627	18.951	ug/l	99
64) Tetrachloroethene	8.555	164	37000	19.963	ug/l	96
65) Chlorobenzene	9.449	112	112705	18.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	37967	18.266	ug/l	98
67) Ethyl Benzene	9.574	91	211961	19.347	ug/l	100
68) m/p-Xylenes	9.697	106	162514	38.182	ug/l	98
69) o-Xylene	10.105	106	78606	18.608	ug/l	95
70) Styrene	10.118	104	129652	18.295	ug/l	97
71) Bromoform	10.295	173	31018	16.336	ug/l #	100
73) Isopropylbenzene	10.488	105	207482	20.011	ug/l	100
74) N-amyl acetate	10.324	43	97786	18.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	81507	18.169	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	73983m	18.218	ug/l	
77) Bromobenzene	10.783	156	48181	19.244	ug/l	97
78) n-propylbenzene	10.909	91	252636	19.995	ug/l	99
79) 2-Chlorotoluene	10.989	91	152414	19.244	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	177181	19.507	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	25555	17.463	ug/l	99
82) 4-Chlorotoluene	11.098	91	171270	19.132	ug/l	100
83) tert-Butylbenzene	11.423	119	169714	19.210	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	176480	19.639	ug/l	100
85) sec-Butylbenzene	11.648	105	225178	19.792	ug/l	100
86) p-Isopropyltoluene	11.796	119	181528	19.835	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	89749	18.719	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	92541	18.868	ug/l	98
89) n-Butylbenzene	12.211	91	164834	19.555	ug/l	99
90) Hexachloroethane	12.481	117	30163	18.251	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	90499	18.465	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.002	75	20571	19.434	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	54366	19.904	ug/l	99
94) Hexachlorobutadiene	14.024	225	22303	19.561	ug/l	99
95) Naphthalene	14.089	128	206784	20.129	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	55150	20.105	ug/l	100

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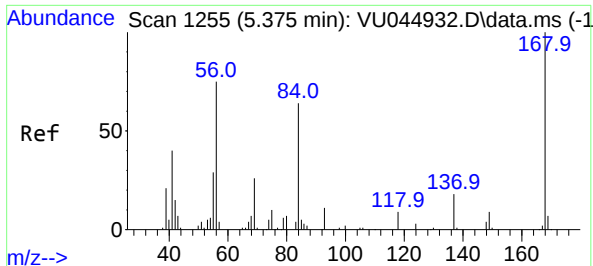
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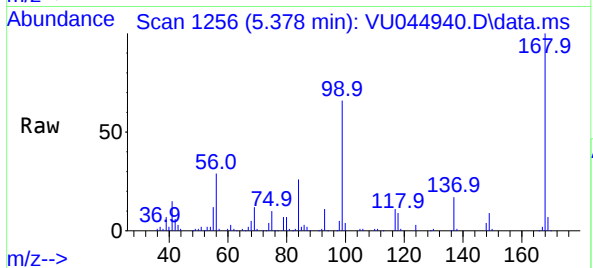
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
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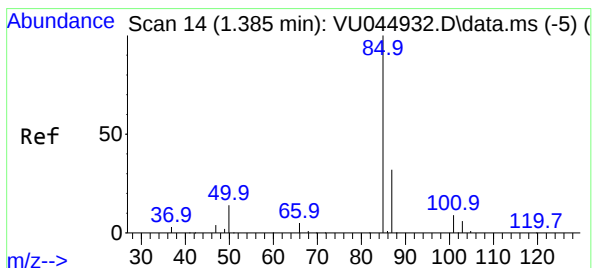
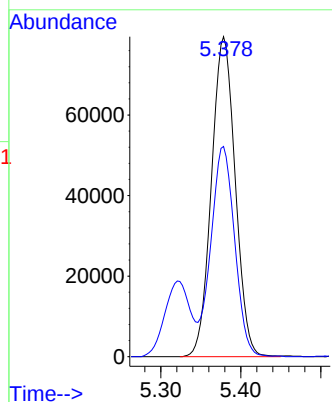
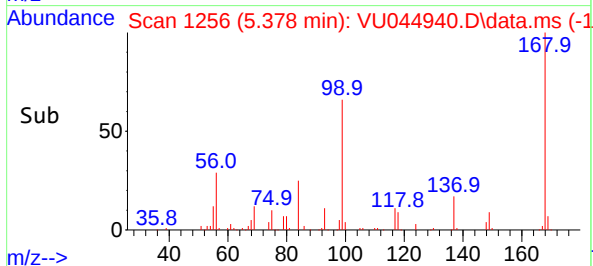
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



Tgt Ion:168 Resp: 163772
Ion Ratio Lower Upper
168 100
99 65.5 51.4 77.0

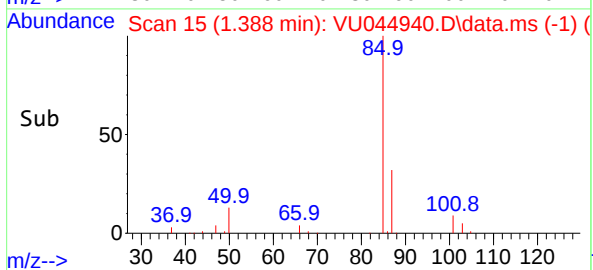
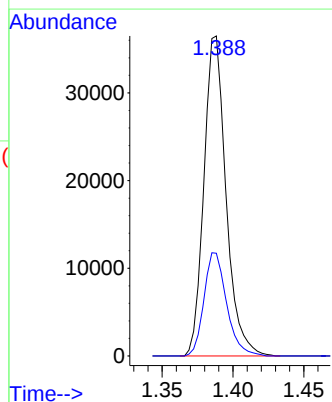
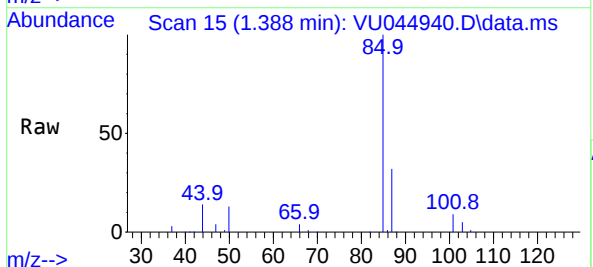
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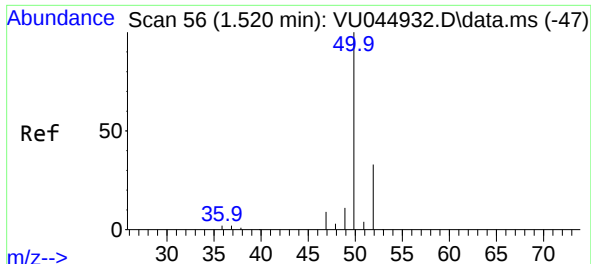
Reviewed By :John Carlone 09/29/2021
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#2
Dichlorodifluoromethane
Concen: 19.558 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

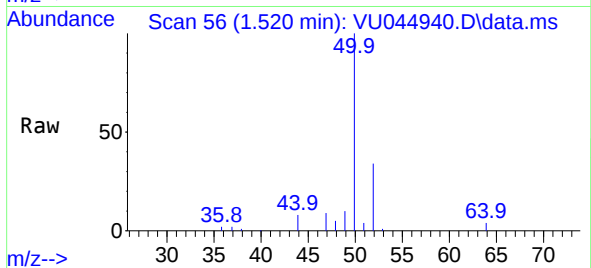
Tgt Ion: 85 Resp: 39664
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3
Chloromethane
Concen: 18.533 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

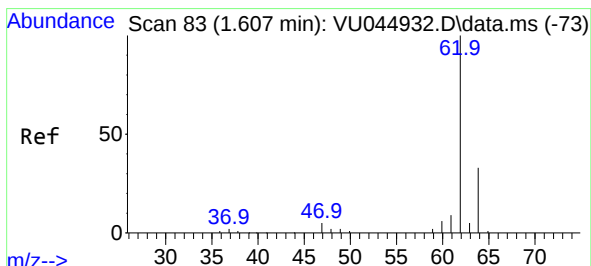
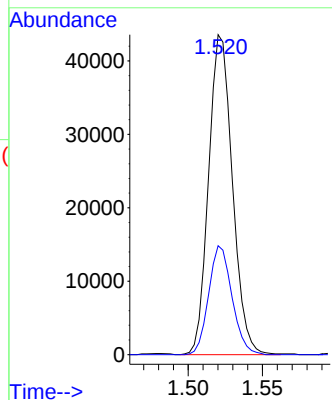
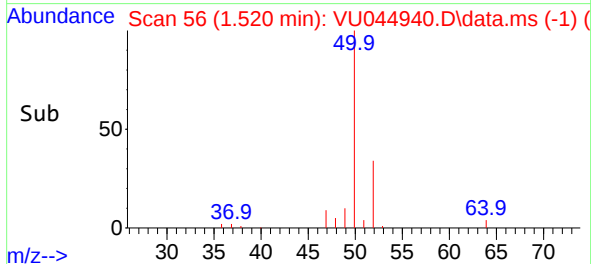
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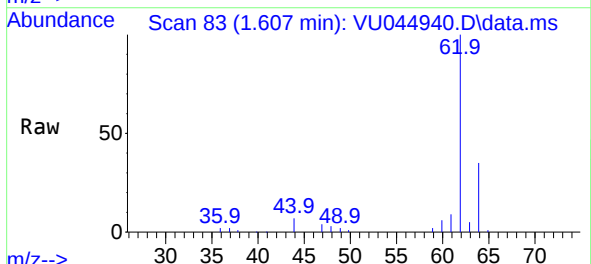
Tgt Ion: 50 Resp: 4868
Ion Ratio Lower Upper
50 100
52 34.0 26.3 39.5

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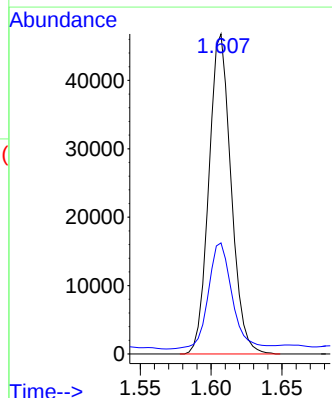
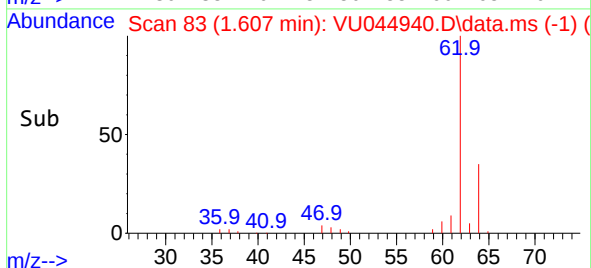
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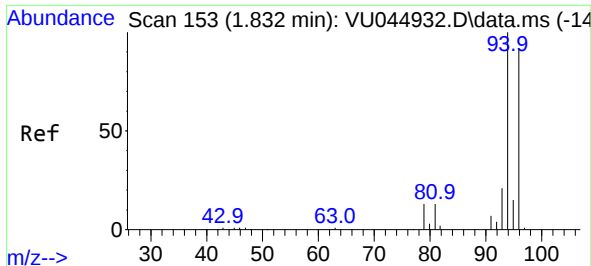


#4
Vinyl Chloride
Concen: 19.421 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



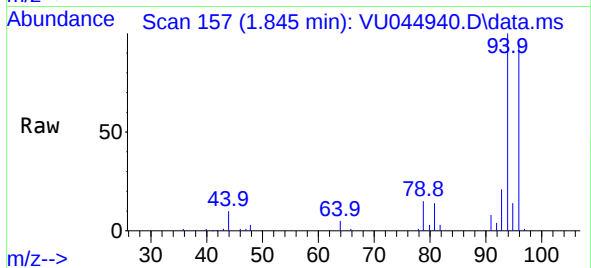
Tgt Ion: 62 Resp: 50941
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4





#5
Bromomethane
Concen: 34.443 ug/l
RT: 1.845 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

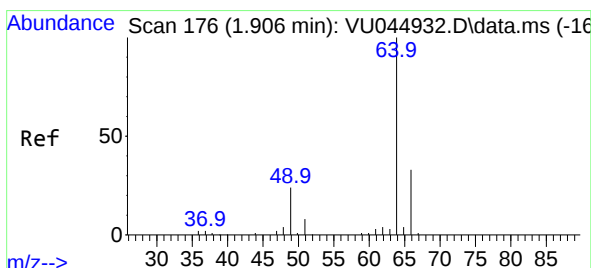
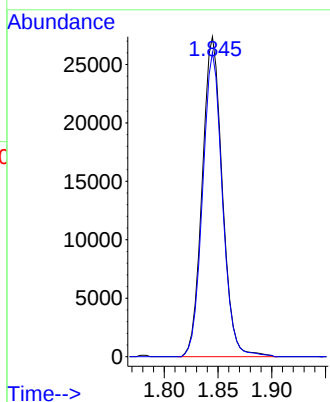
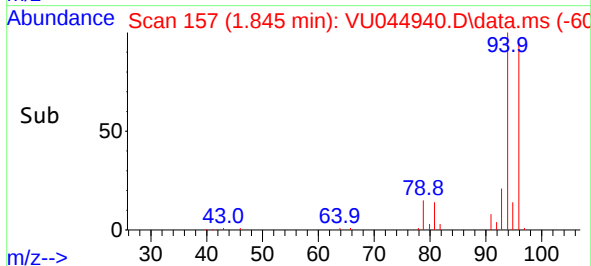
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Tgt Ion: 94 Resp: 3543
Ion Ratio Lower Upper
94 100
96 95.1 74.5 111.7

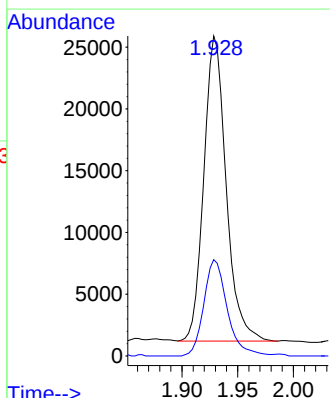
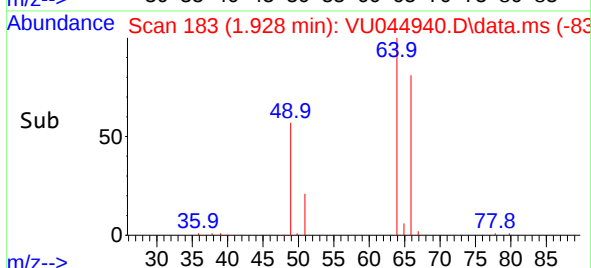
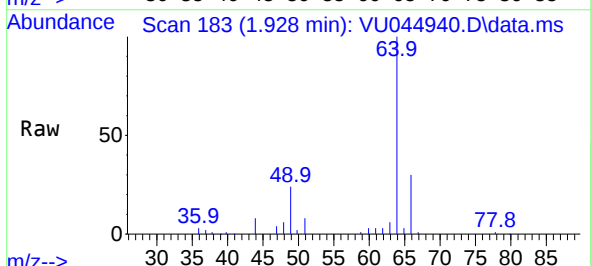
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#6
Chloroethane
Concen: 17.060 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.022 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

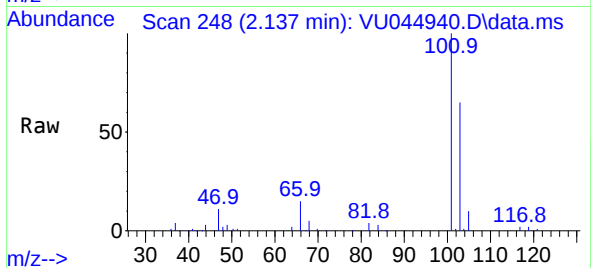
Tgt Ion: 64 Resp: 34375
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 19.475 ug/l
 RT: 2.137 min Scan# 244
 Delta R.T. 0.013 min
 Lab File: VU044940.D
 Acq: 28 Sep 2021 14:46

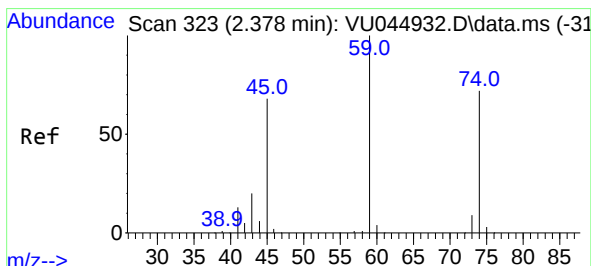
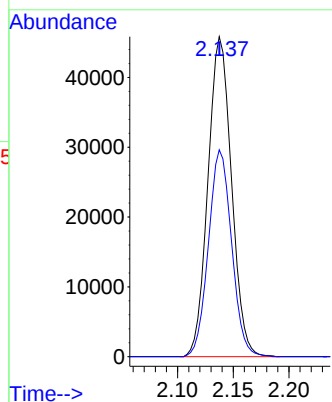
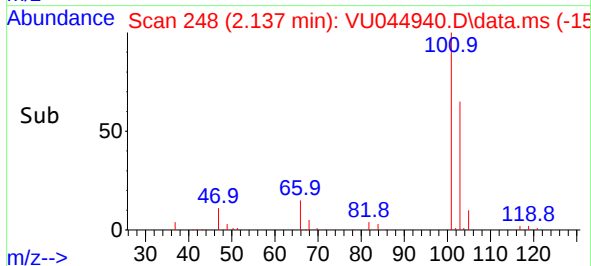
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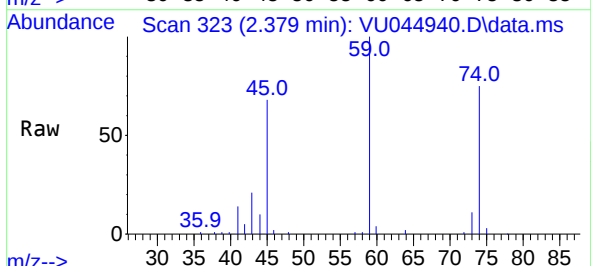
Tgt Ion:101 Resp: 67460
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.2 76.8

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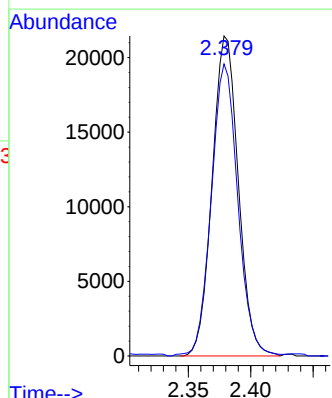
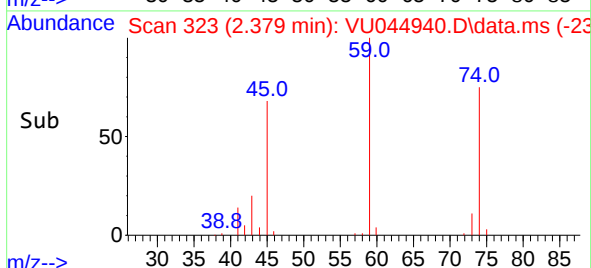
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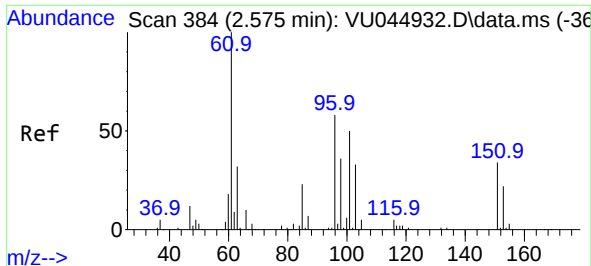


#8
 Diethyl Ether
 Concen: 19.729 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 31319
 Ion Ratio Lower Upper
 74 100
 45 92.4 52.2 156.6





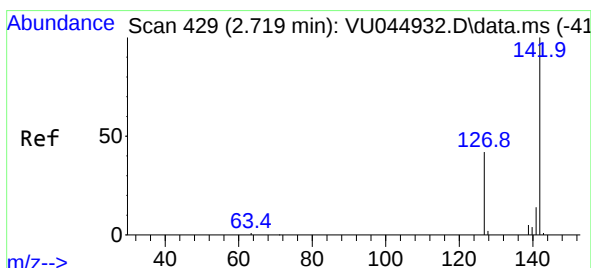
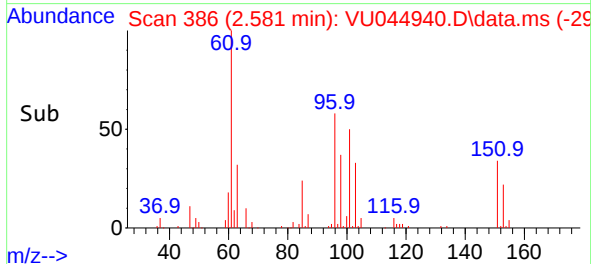
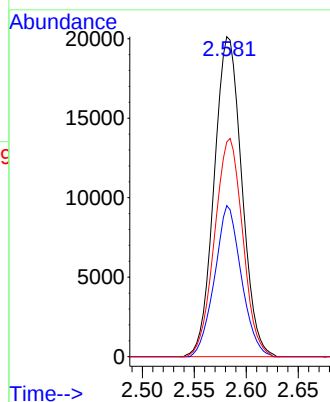
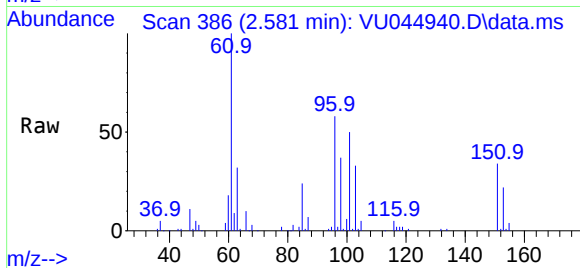
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.901 ug/l
RT: 2.581 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU044940.D
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VU0928WBS01

Tgt Ion:101 Resp: 3723
Ion Ratio Lower Upper
101 100
85 45.7 37.2 55.8
151 69.5 55.8 83.8

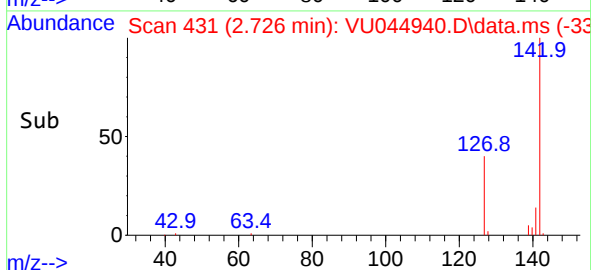
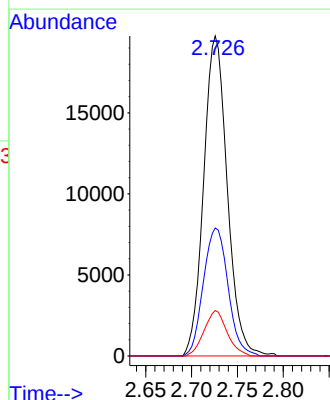
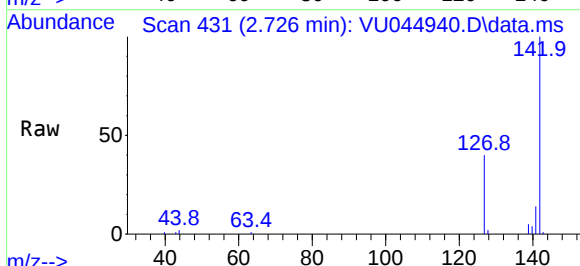
Manual Integrations
APPROVED

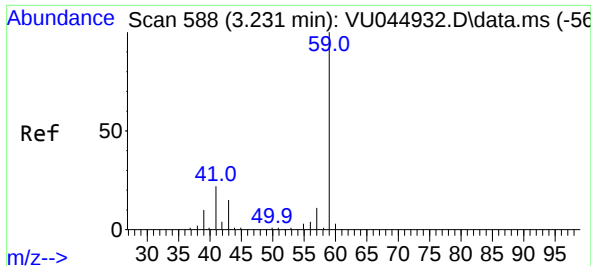
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 16.819 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Tgt Ion:142 Resp: 35362
Ion Ratio Lower Upper
142 100
127 41.7 35.6 53.4
141 13.8 11.3 16.9





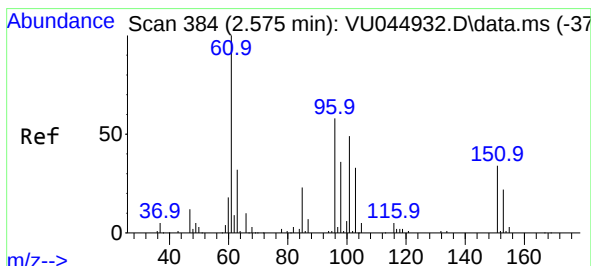
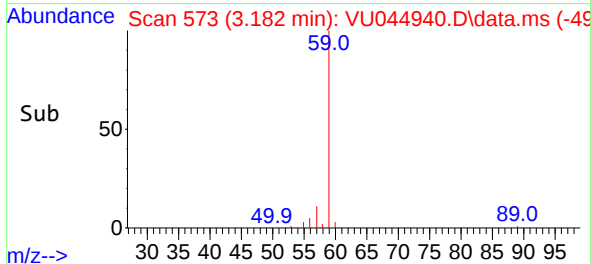
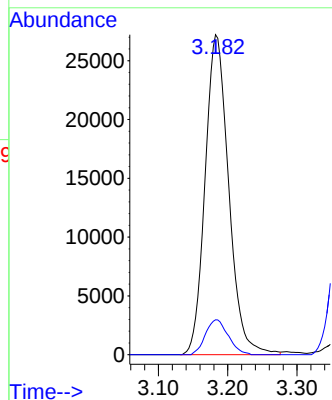
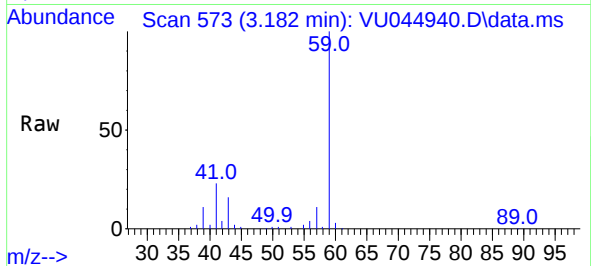
#11
Tert butyl alcohol
Concen: 82.389 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.049 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion: 59 Resp: 6446
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

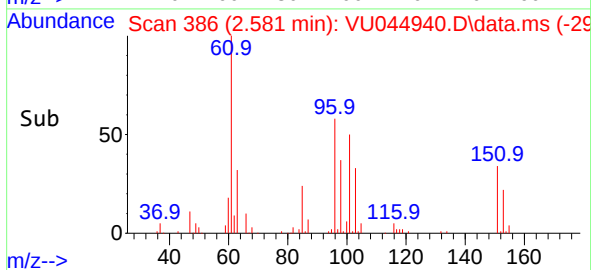
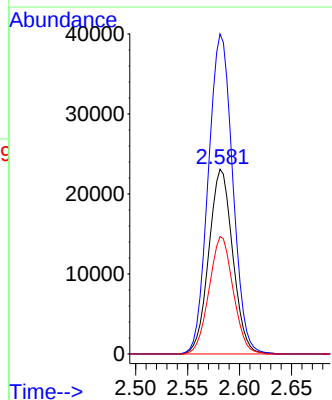
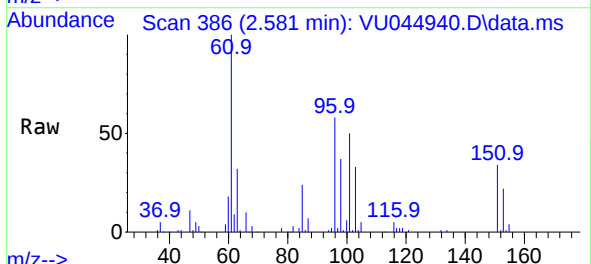
Manual Integrations
APPROVED

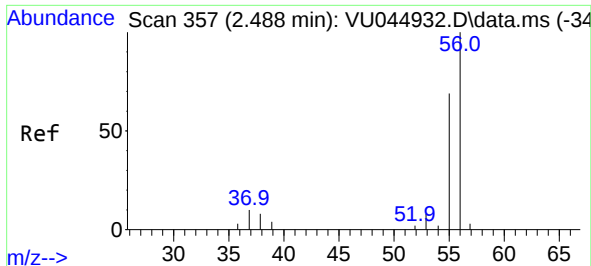
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#12
1,1-Dichloroethene
Concen: 19.090 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

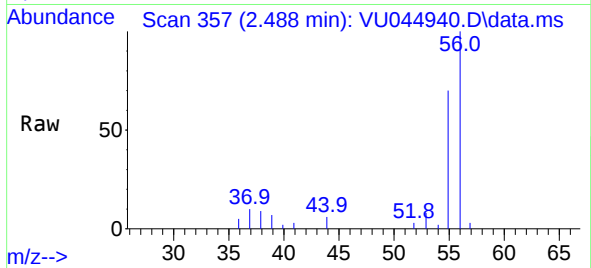
Tgt Ion: 96 Resp: 37068
Ion Ratio Lower Upper
96 100
61 173.2 145.4 218.0
98 63.6 50.9 76.3





#13
Acrolein
Concen: 86.542 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

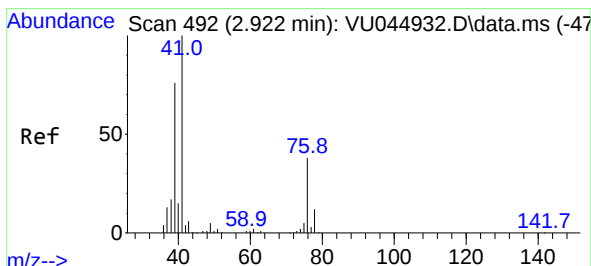
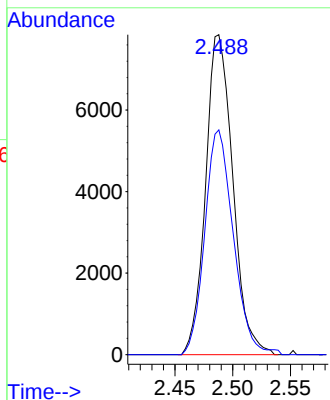
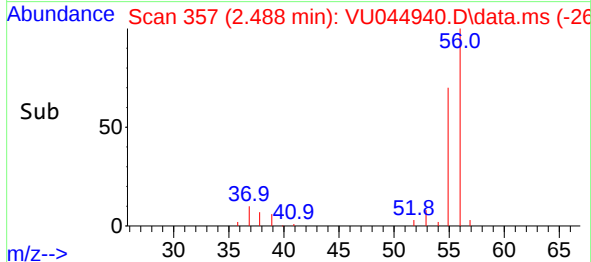
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



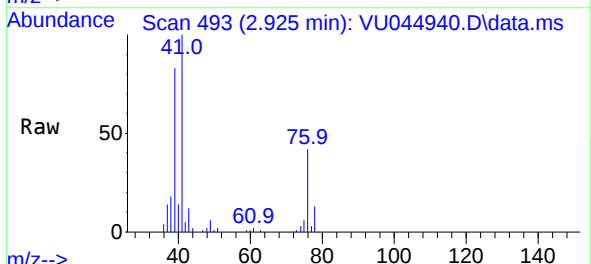
Tgt Ion: 56 Resp: 1288
Ion Ratio Lower Upper
56 100
55 73.5 57.4 86.0

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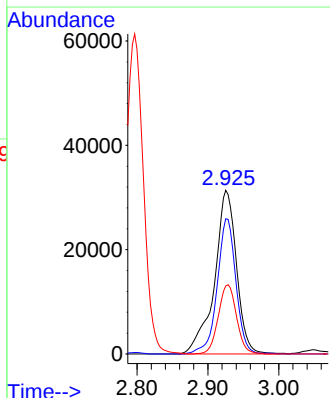
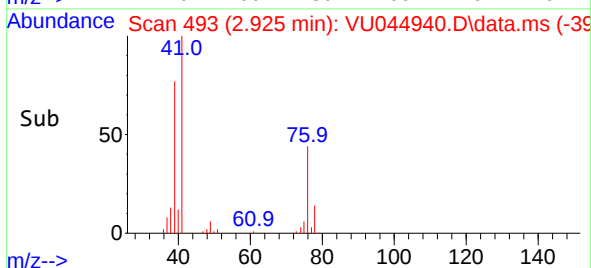
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

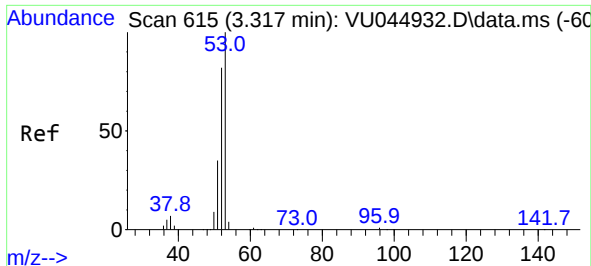


#14
Allyl chloride
Concen: 18.930 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



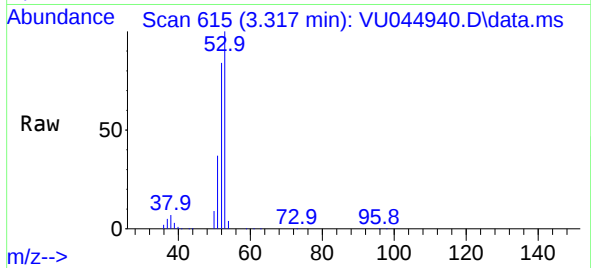
Tgt Ion: 41 Resp: 68024
Ion Ratio Lower Upper
41 100
39 70.3 53.0 79.6
76 34.9 25.7 38.5





#15
Acrylonitrile
Concen: 96.183 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

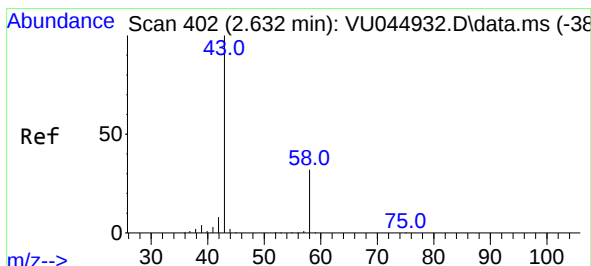
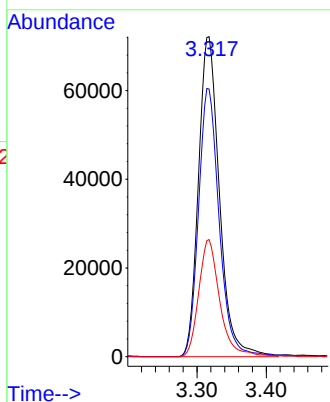
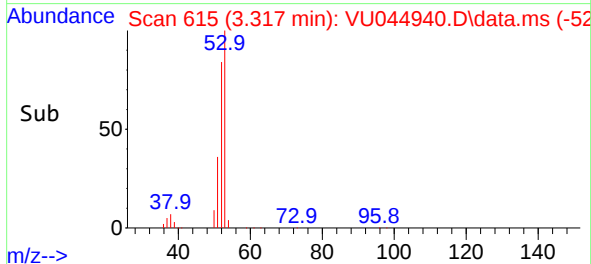
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



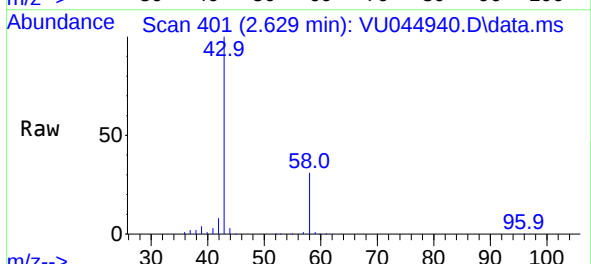
Tgt Ion: 53 Resp: 151779
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 36.8 28.6 42.8

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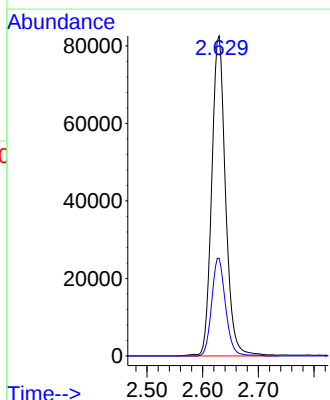
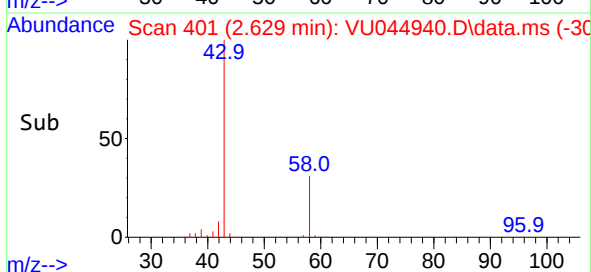
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

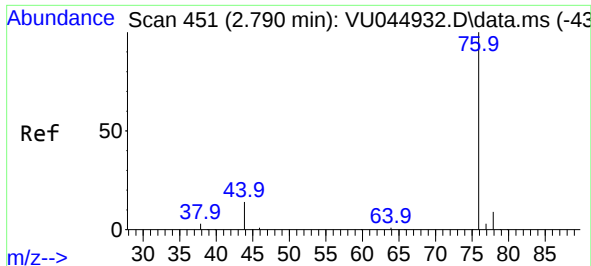


#16
Acetone
Concen: 87.950 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



Tgt Ion: 43 Resp: 142322
Ion Ratio Lower Upper
43 100
58 30.5 25.2 37.8





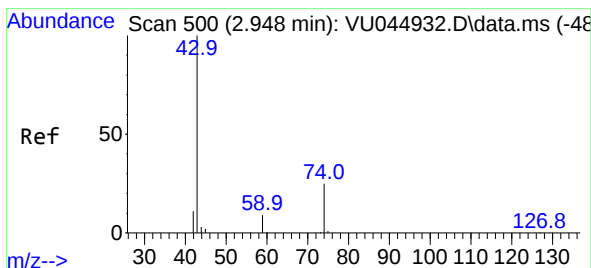
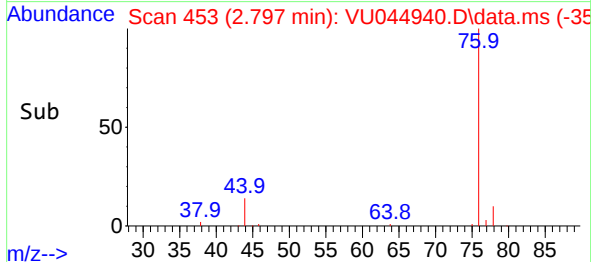
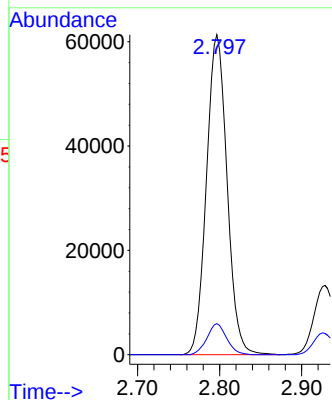
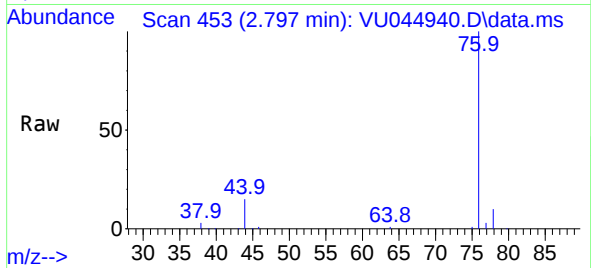
#17
Carbon Disulfide
Concen: 18.667 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.007 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion: 76 Resp: 106998
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

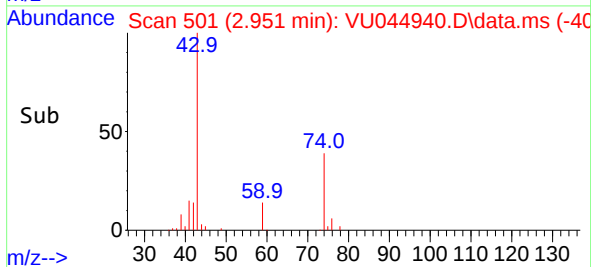
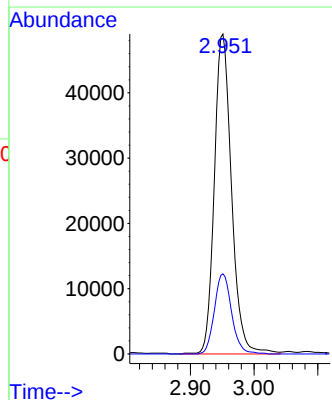
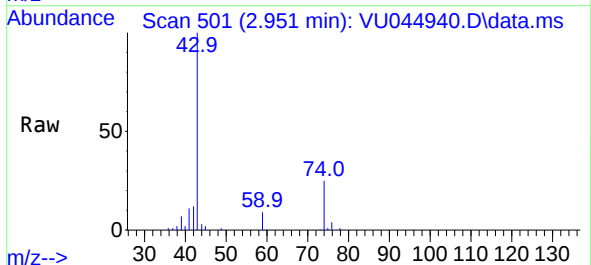
Manual Integrations
APPROVED

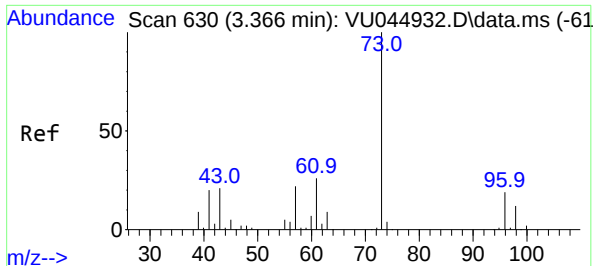
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#18
Methyl Acetate
Concen: 19.460 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

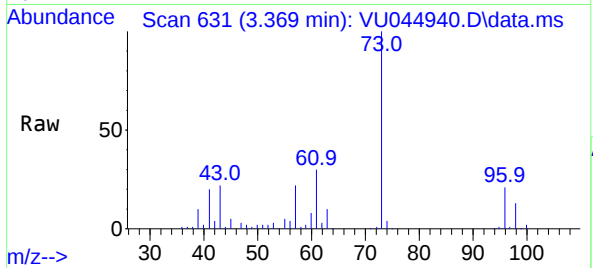
Tgt Ion: 43 Resp: 92035
Ion Ratio Lower Upper
43 100
74 25.1 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 19.431 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

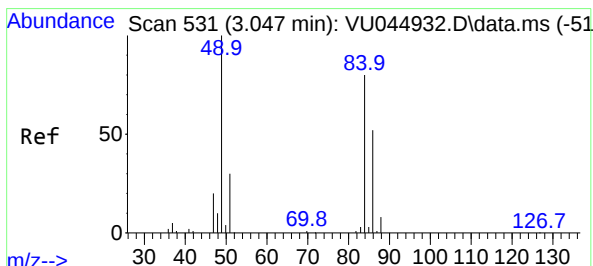
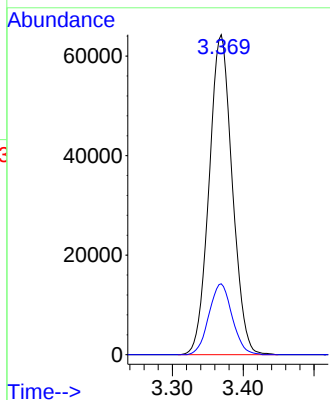
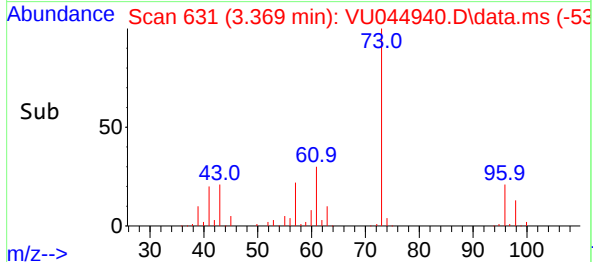
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



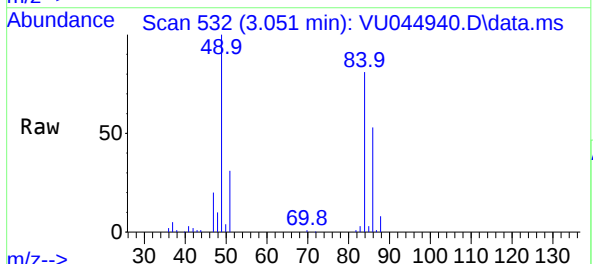
Tgt Ion: 73 Resp: 14564
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.2

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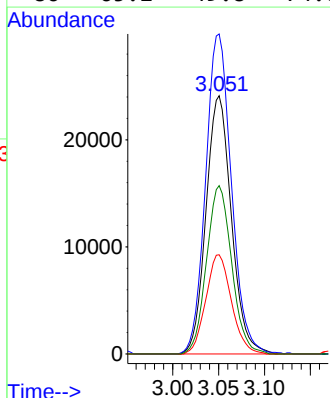
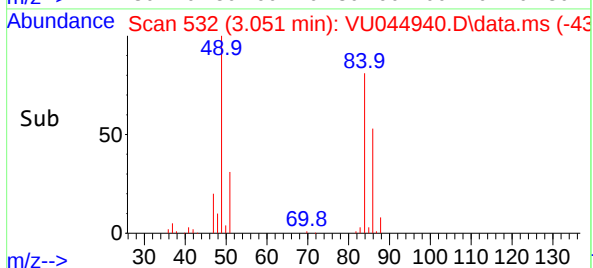
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

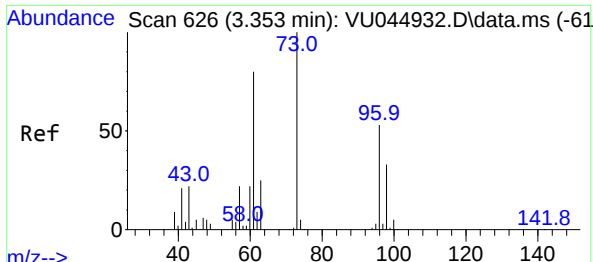


#20
Methylene Chloride
Concen: 19.087 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.004 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



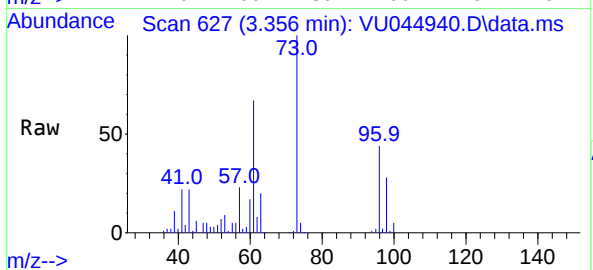
Tgt Ion: 84 Resp: 46523
Ion Ratio Lower Upper
84 100
49 123.9 104.9 157.3
51 38.4 31.8 47.8
86 65.2 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 19.016 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

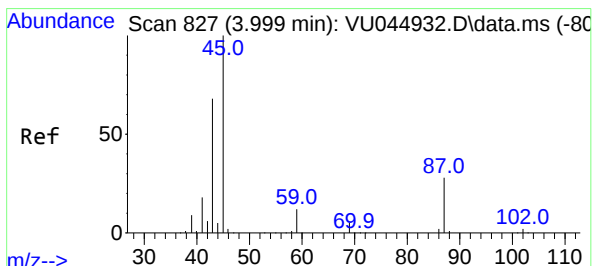
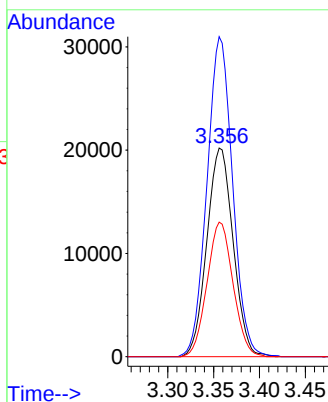
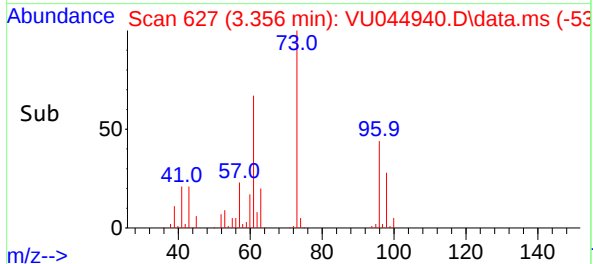
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



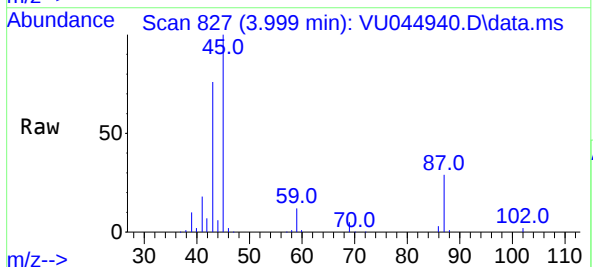
Tgt Ion: 96 Resp: 4039
Ion Ratio Lower Upper
96 100
61 153.4 123.2 184.8
98 64.5 51.0 76.6

Manual Integrations
APPROVED

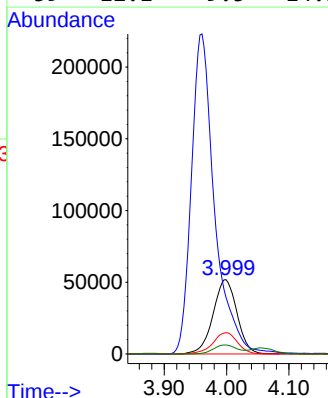
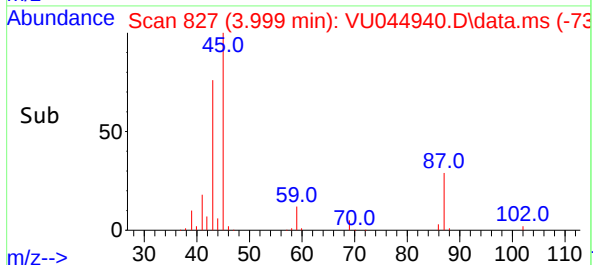
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

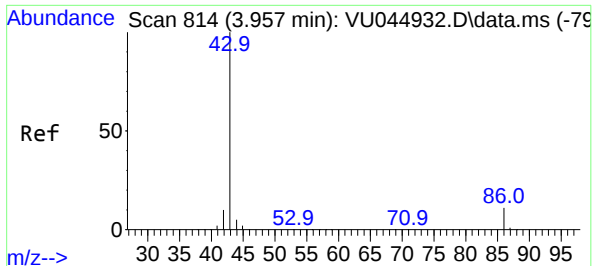


#22
Diisopropyl ether
Concen: 18.864 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



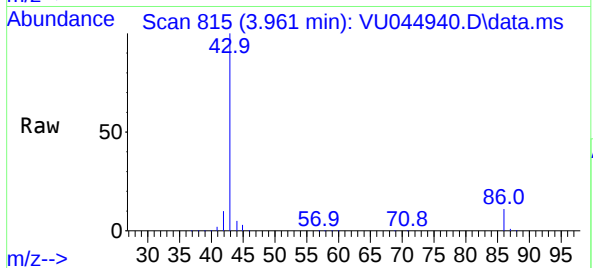
Tgt Ion: 45 Resp: 138390
Ion Ratio Lower Upper
45 100
43 74.0 62.3 93.5
87 28.6 21.0 31.4
59 12.1 9.5 14.3





#23
 Vinyl Acetate
 Concen: 97.044 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.004 min
 Lab File: VU044940.D
 Acq: 28 Sep 2021 14:46

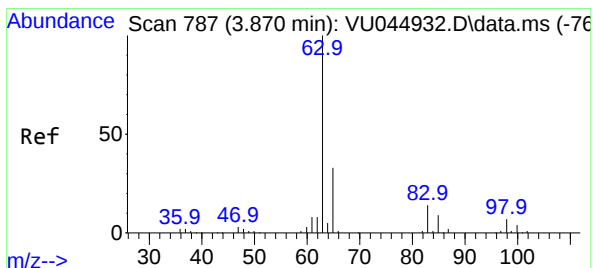
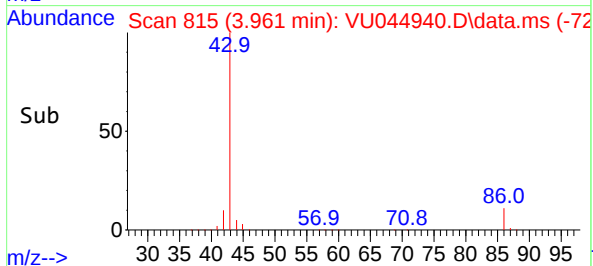
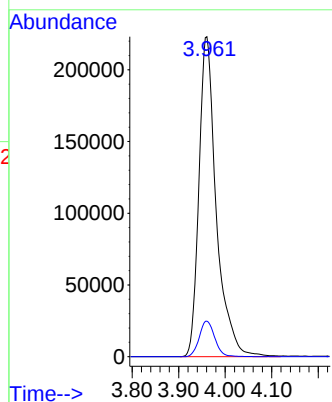
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBS01



Tgt Ion: 43 Resp: 579034
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.4

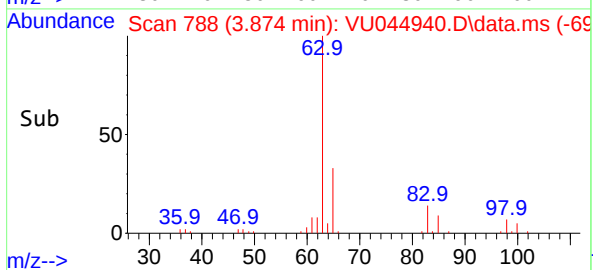
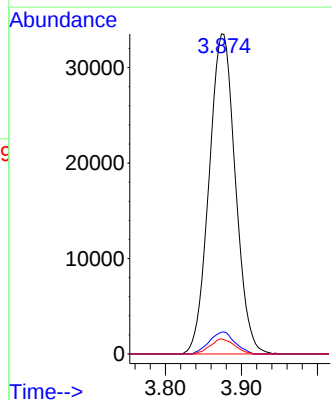
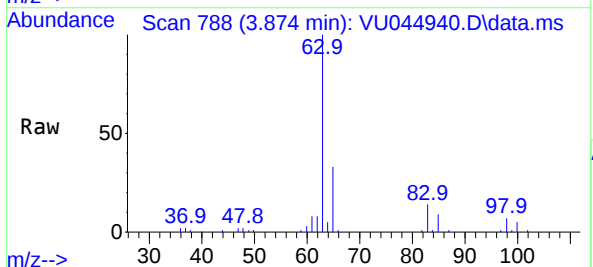
Manual Integrations
 APPROVED

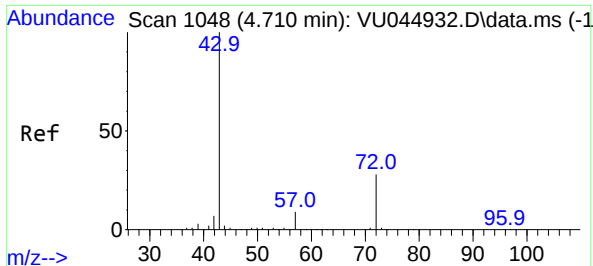
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#24
 1,1-Dichloroethane
 Concen: 19.120 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.004 min
 Lab File: VU044940.D
 Acq: 28 Sep 2021 14:46

Tgt Ion: 63 Resp: 80523
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.7 2.1 6.3





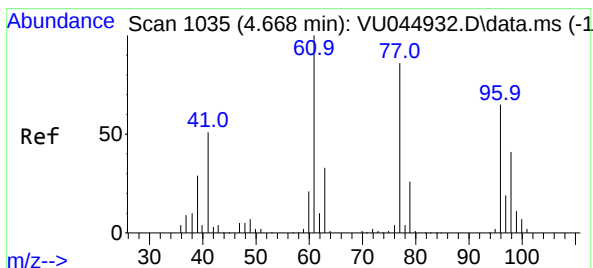
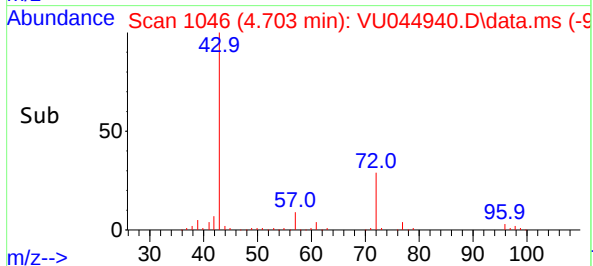
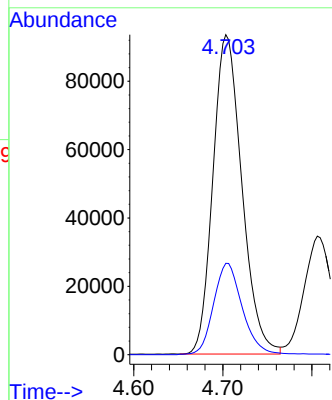
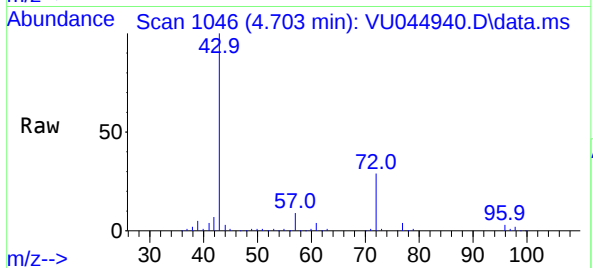
#25
2-Butanone
Concen: 91.724 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion: 43 Resp: 21088
Ion Ratio Lower Upper
43 100
72 28.5 21.3 31.9

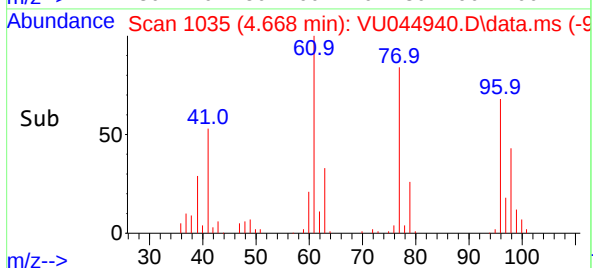
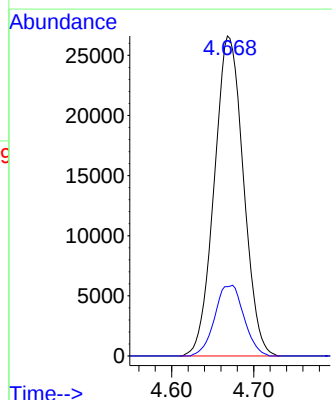
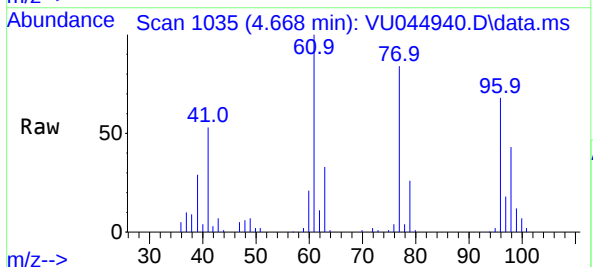
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 18.458 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Tgt Ion: 77 Resp: 65724
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.4





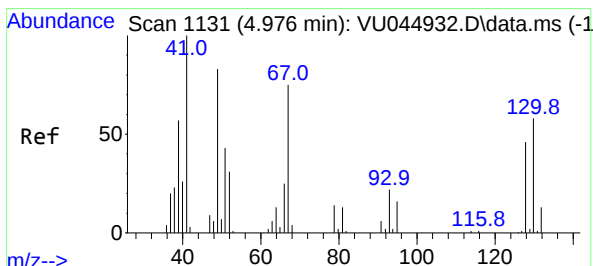
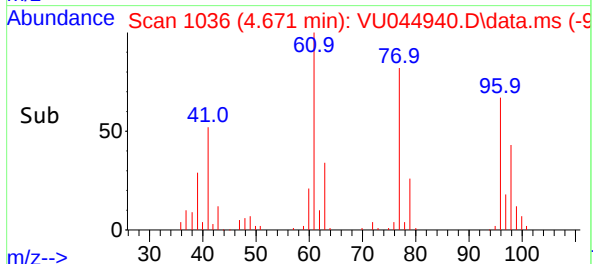
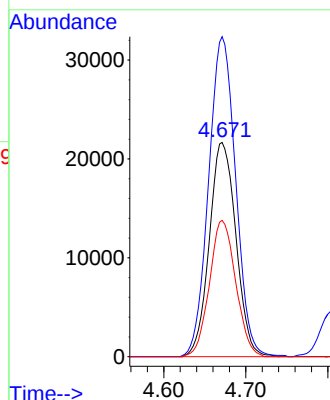
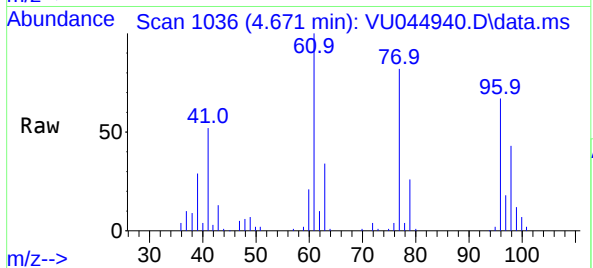
#27
cis-1,2-Dichloroethene
Concen: 19.492 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion: 96 Resp: 48899
Ion Ratio Lower Upper
96 100
61 151.5 0.0 313.4
98 62.7 0.0 127.0

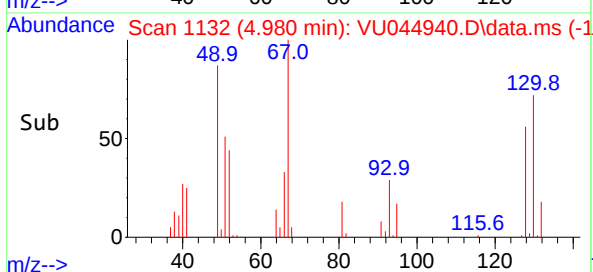
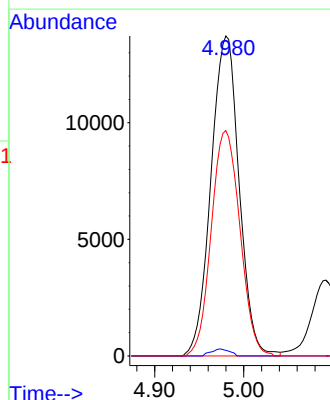
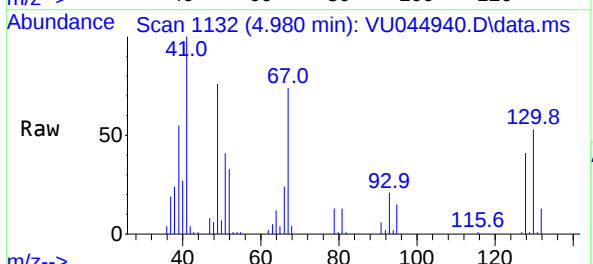
Manual Integrations
APPROVED

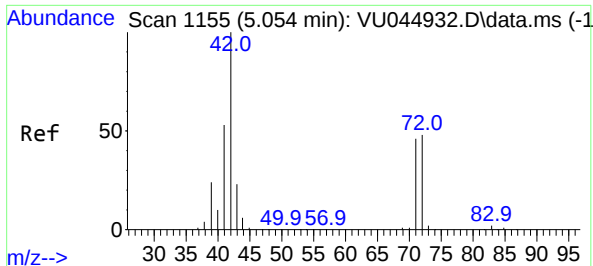
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#28
Bromochloromethane
Concen: 17.269 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.004 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

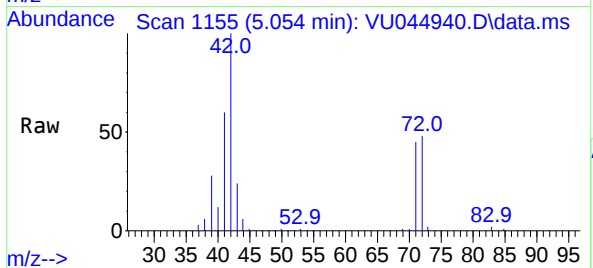
Tgt Ion: 49 Resp: 30145
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.2
130 71.6 53.4 80.2





#29
Tetrahydrofuran
Concen: 96.412 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

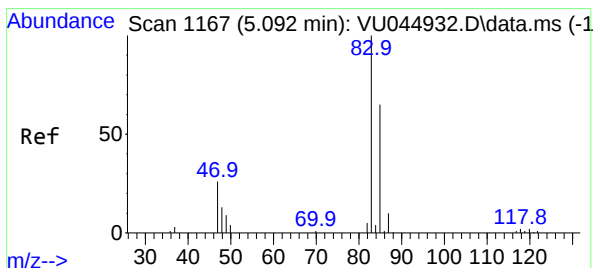
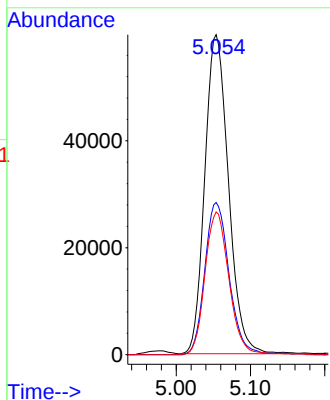
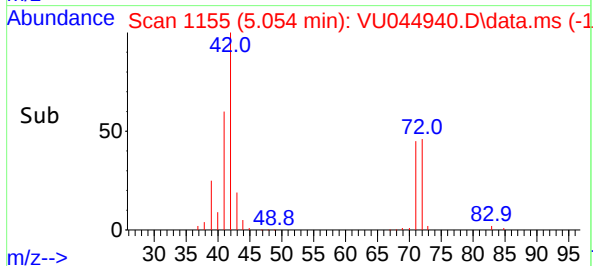
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



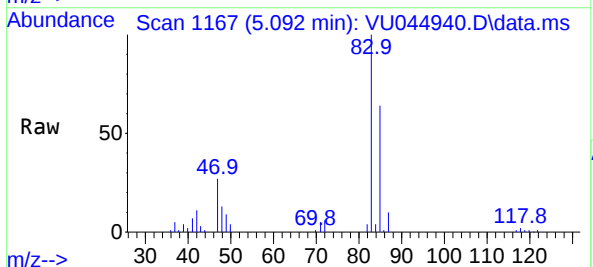
Tgt Ion: 42 Resp: 131950
Ion Ratio Lower Upper
42 100
72 49.2 36.2 54.4
71 45.2 34.1 51.1

Manual Integrations
APPROVED

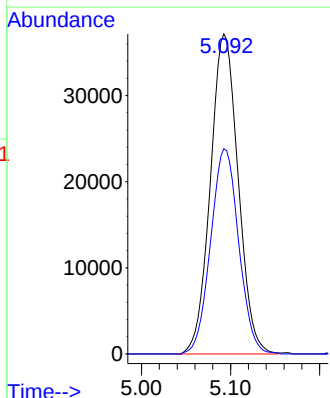
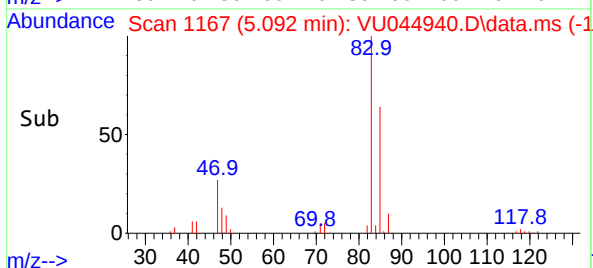
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

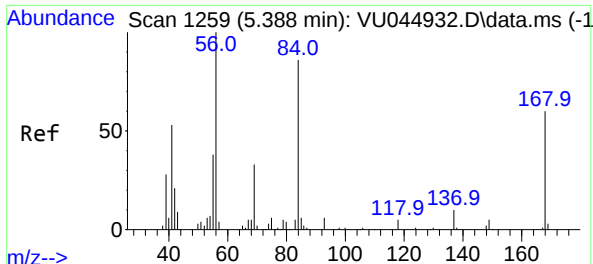


#30
Chloroform
Concen: 18.983 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



Tgt Ion: 83 Resp: 80578
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1





#31

Cyclohexane

Concen: 18.850 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS01

Tgt Ion: 56 Resp: 78060

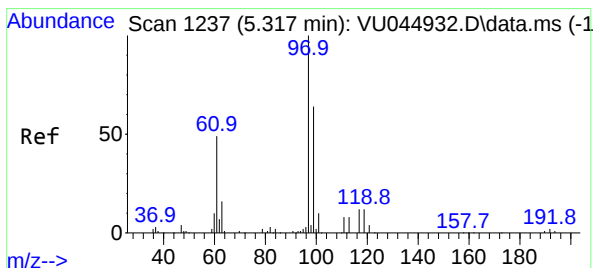
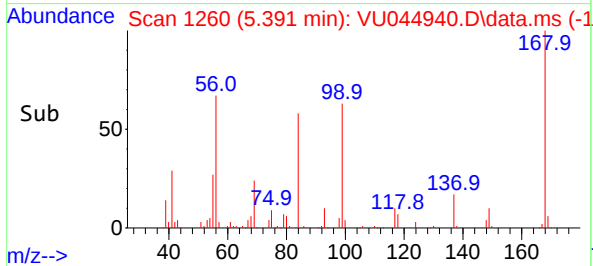
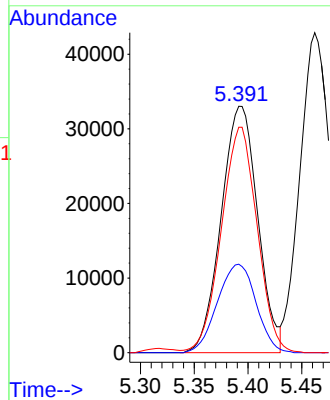
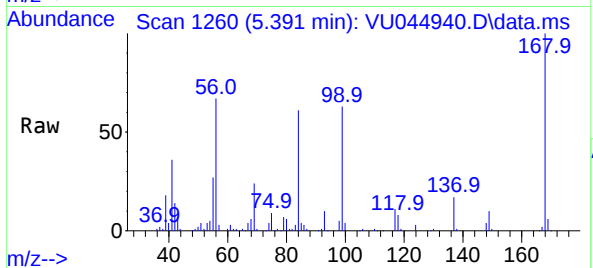
Ion	Ratio	Lower	Upper
56	100		
69	35.9	25.2	37.8
84	90.5	66.4	99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#32

1,1,1-Trichloroethane

Concen: 19.193 ug/l

RT: 5.321 min Scan# 1238

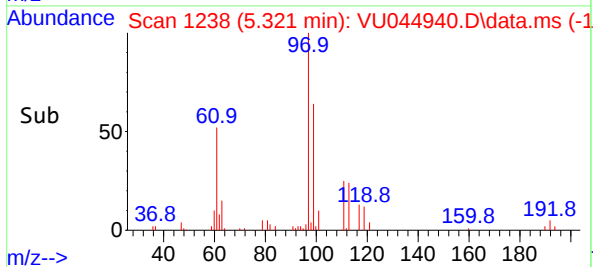
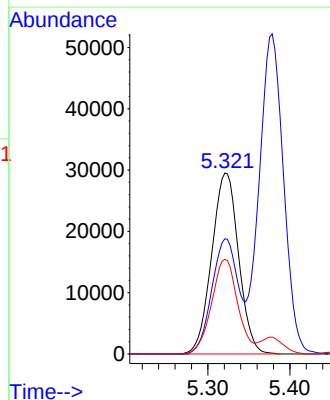
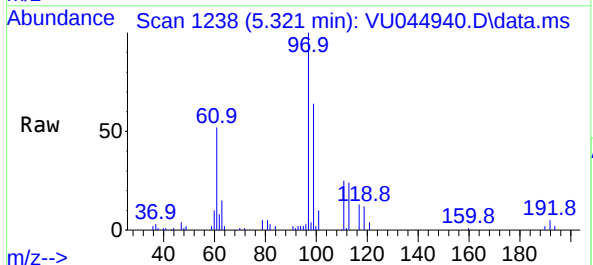
Delta R.T. 0.004 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Tgt Ion: 97 Resp: 67221

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.9	76.3
61	50.8	40.7	61.1





#33

1,2-Dichloroethane-d4

Concen: 46.380 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS01

Tgt Ion: 65 Resp: 12644

Ion Ratio Lower Upper

65 100

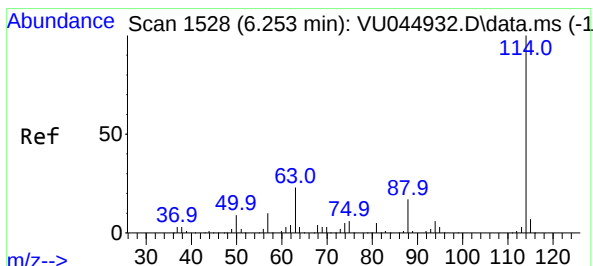
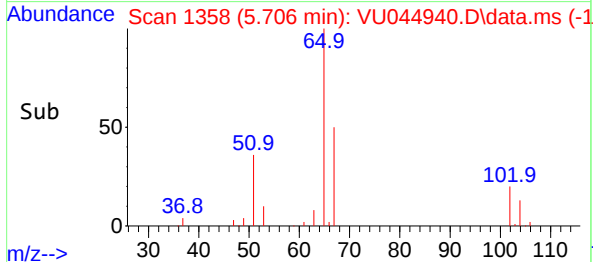
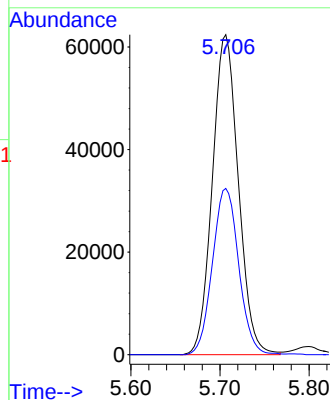
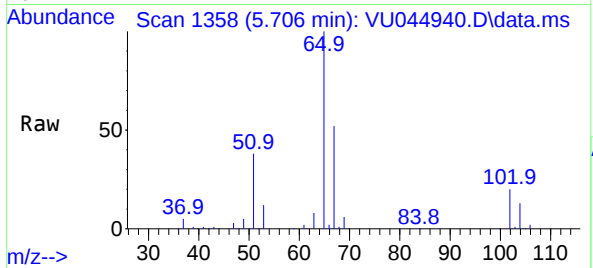
67 52.6 0.0 104.8

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: VU044940.D

Acq: 28 Sep 2021 14:46

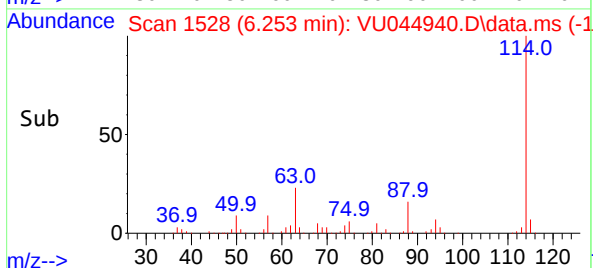
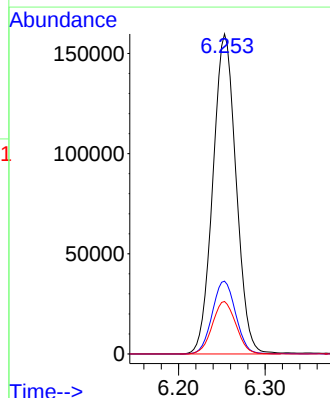
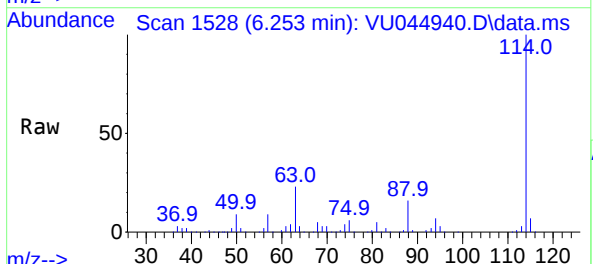
Tgt Ion:114 Resp: 297191

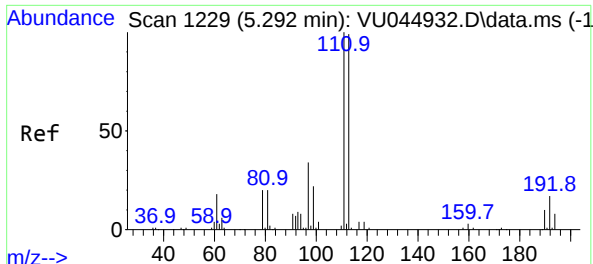
Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.8

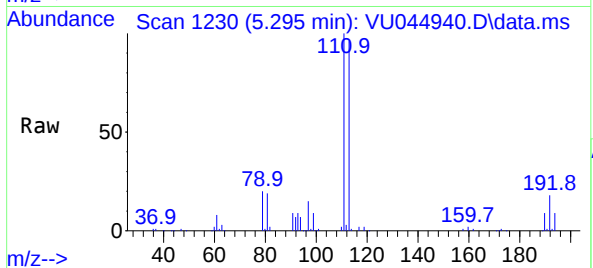
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 47.418 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

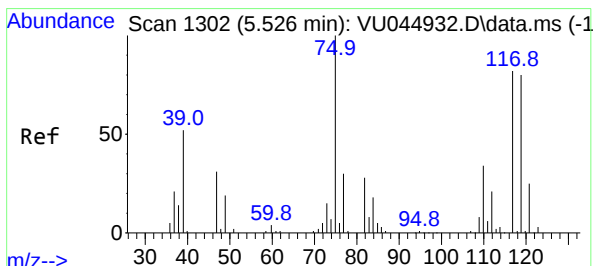
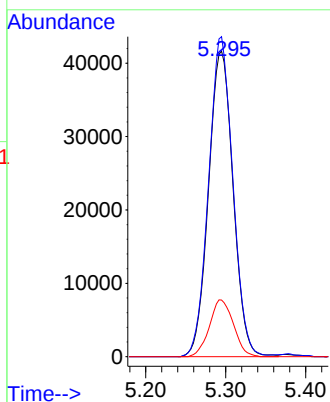
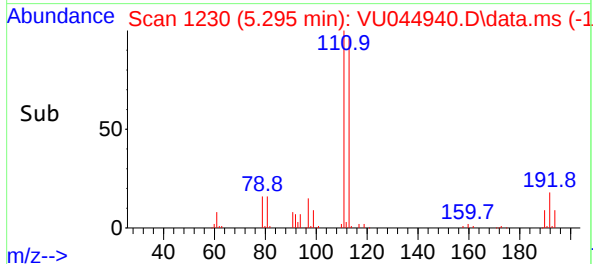
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



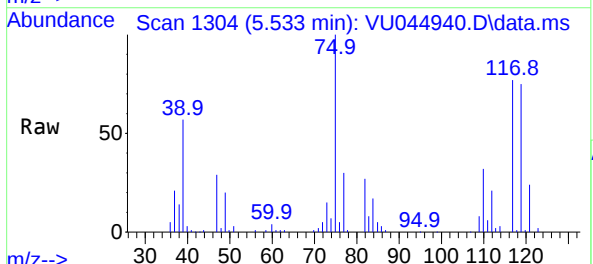
Tgt Ion: 113 Resp: 8889
Ion Ratio Lower Upper
113 100
111 103.1 84.1 126.1
192 18.2 14.8 22.2

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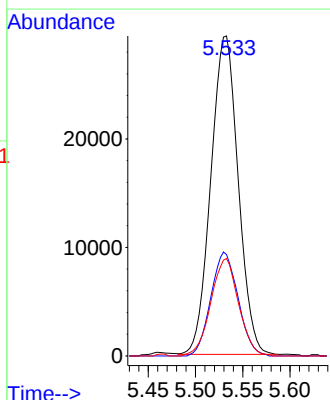
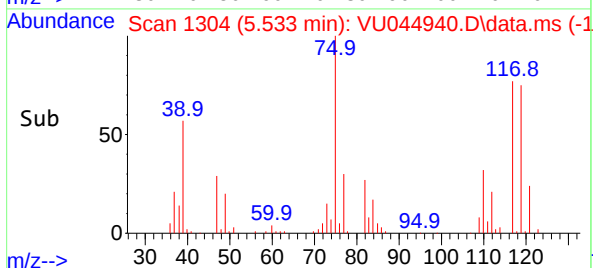
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

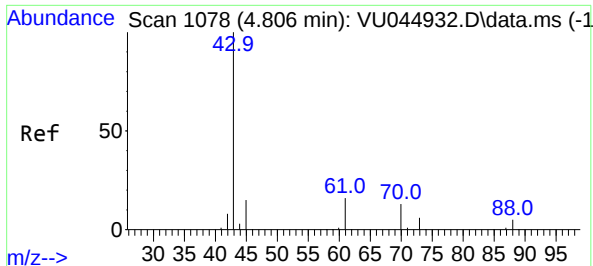


#36
1,1-Dichloropropene
Concen: 19.004 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



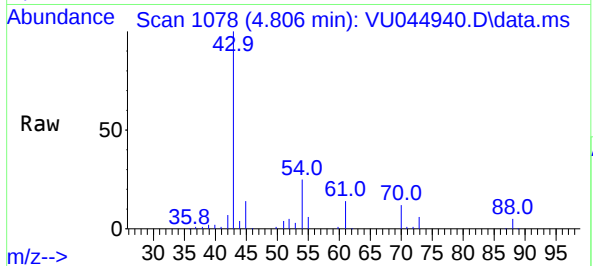
Tgt Ion: 75 Resp: 59063
Ion Ratio Lower Upper
75 100
110 32.4 16.3 48.9
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 19.008 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

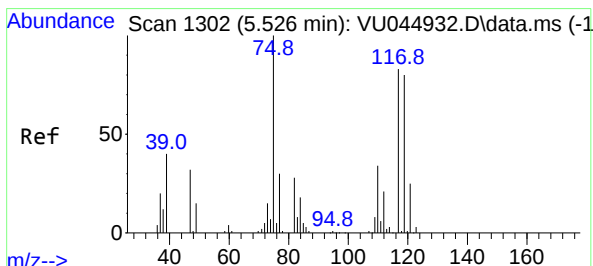
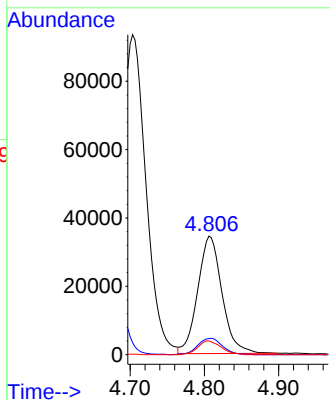
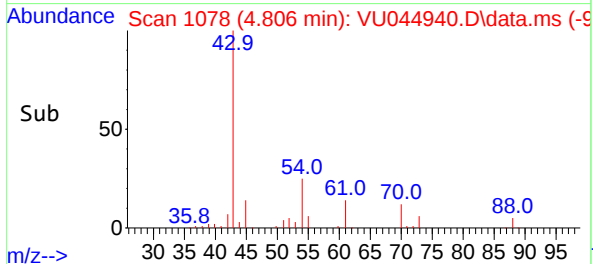
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



Tgt Ion: 43 Resp: 7816
Ion Ratio Lower Upper
43 100
61 14.2 10.9 16.3
70 11.2 8.2 12.4

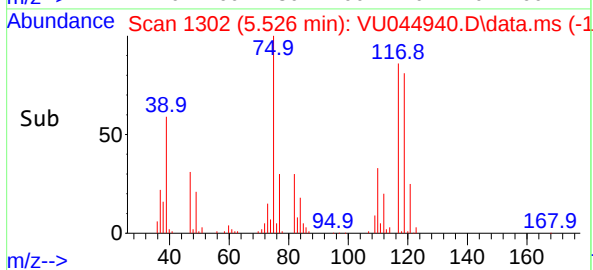
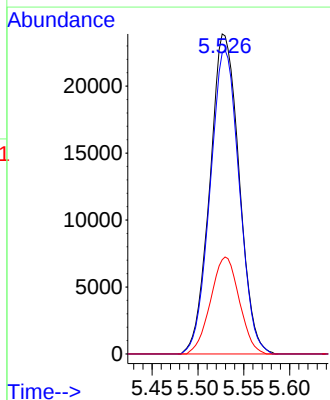
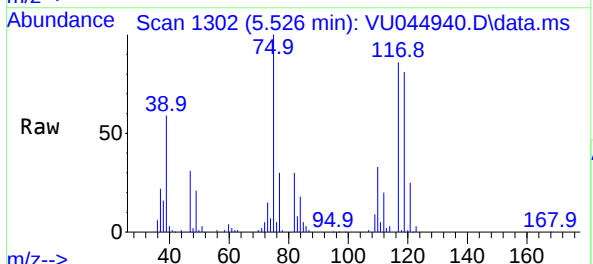
Manual Integrations
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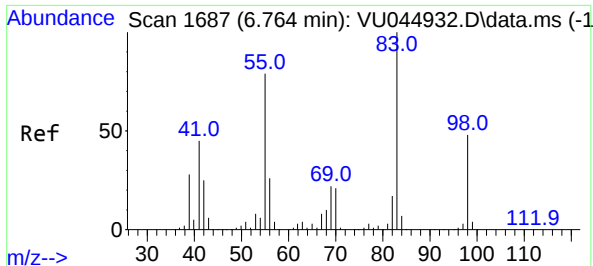
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 19.648 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Tgt Ion:117 Resp: 52839
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.2
121 29.4 24.5 36.7





#39

Methylcyclohexane

Concen: 19.300 ug/l

RT: 6.767 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS01

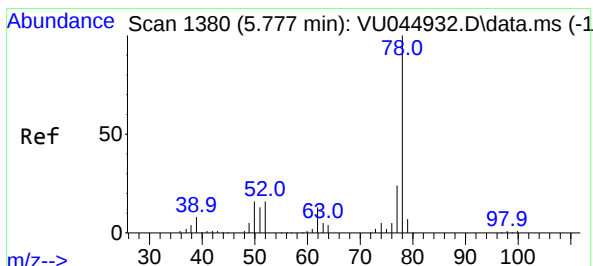
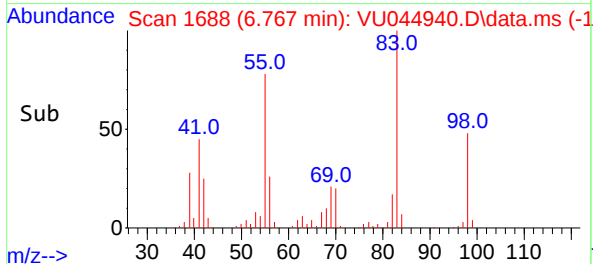
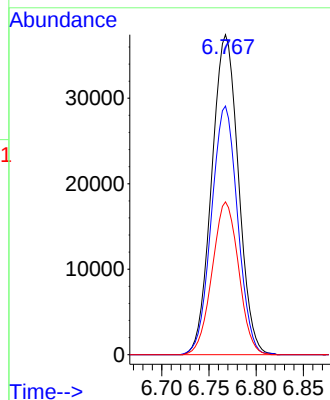
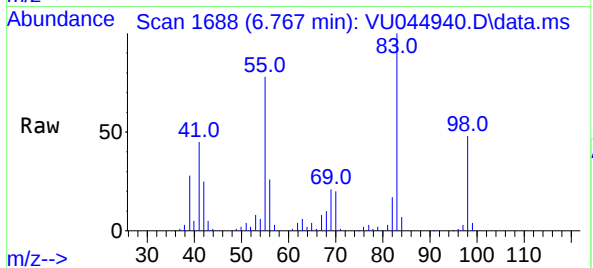
Tgt Ion: 83	Resp: 7363
Ion Ratio	Lower Upper
83	100
55	77.7 66.2 99.4
98	47.8 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#40

Benzene

Concen: 19.098 ug/l

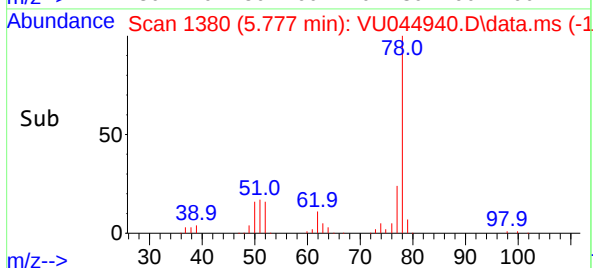
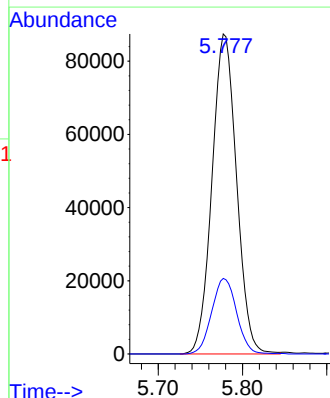
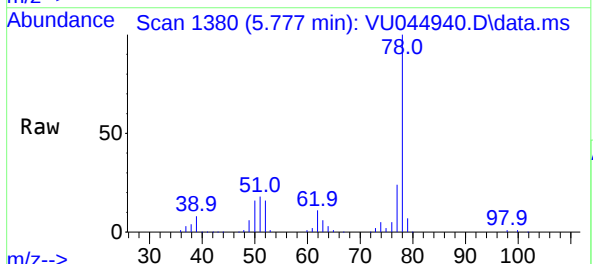
RT: 5.777 min Scan# 1380

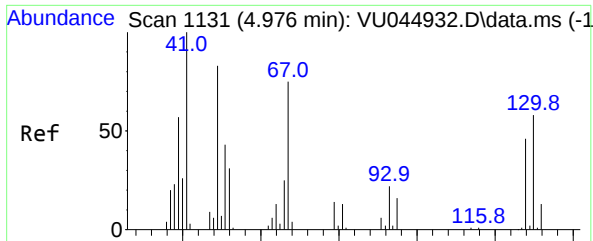
Delta R.T. 0.000 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

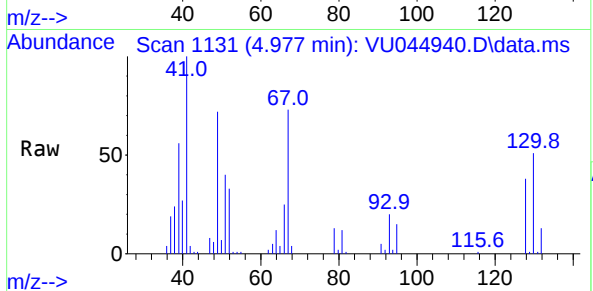
Tgt Ion: 78	Resp: 176784
Ion Ratio	Lower Upper
78	100
77	23.6 19.1 28.7





#41
Methacrylonitrile
Concen: 19.413 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

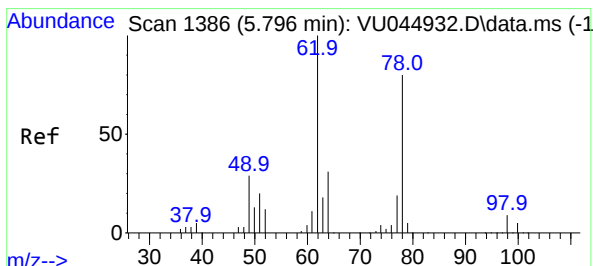
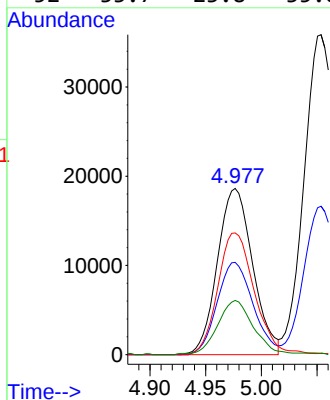
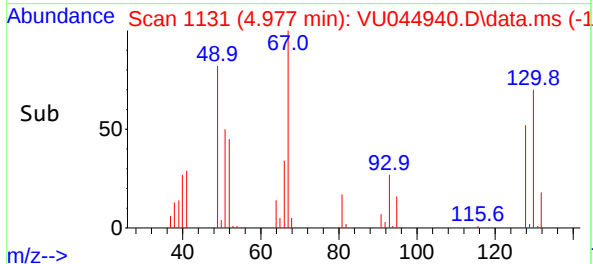
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



Tgt Ion: 41 Resp: 41090
Ion Ratio Lower Upper
41 100
39 56.6 44.4 66.6
67 76.4 58.1 87.1
52 33.7 23.8 35.8

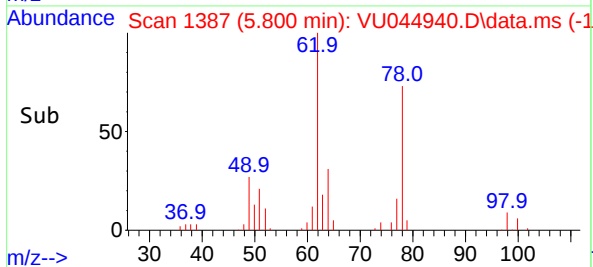
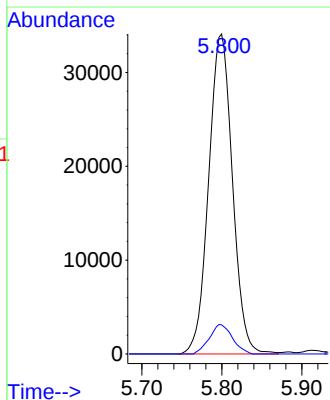
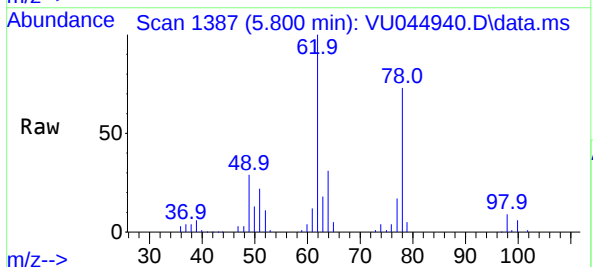
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 19.352 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

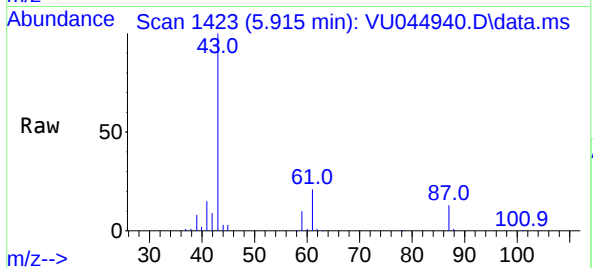
Tgt Ion: 62 Resp: 70407
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.8





#43
Isopropyl Acetate
Concen: 19.198 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

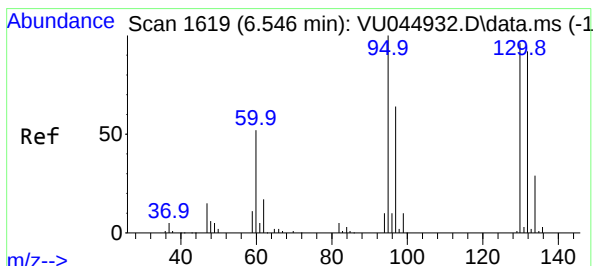
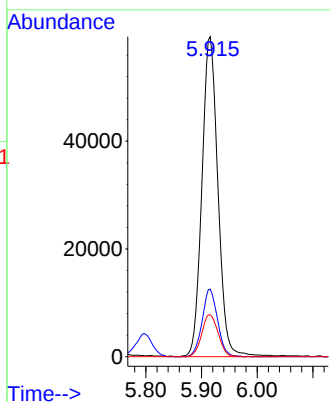
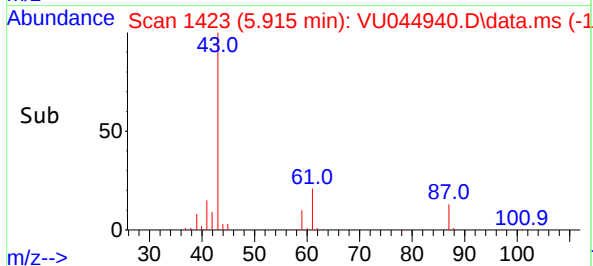
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



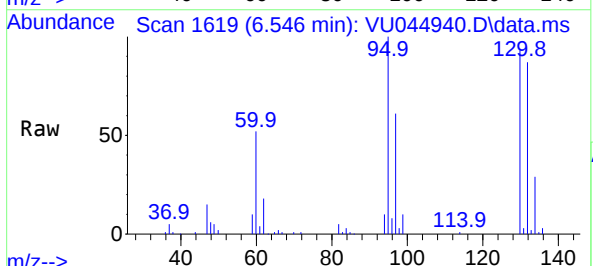
Tgt Ion: 43 Resp: 118770
Ion Ratio Lower Upper
43 100
61 20.2 16.1 24.1
87 13.4 10.3 15.5

Manual Integrations
APPROVED

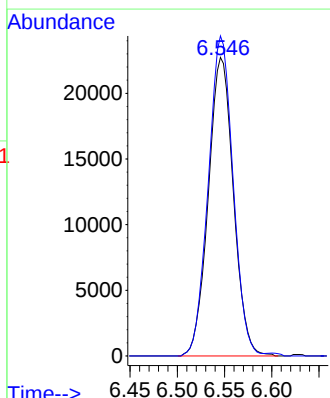
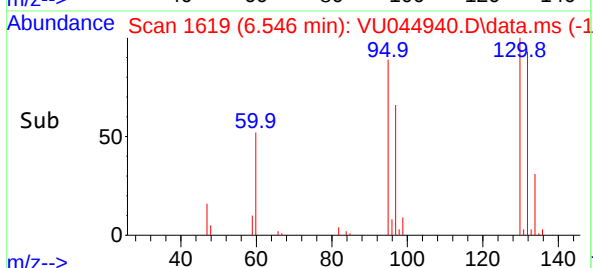
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

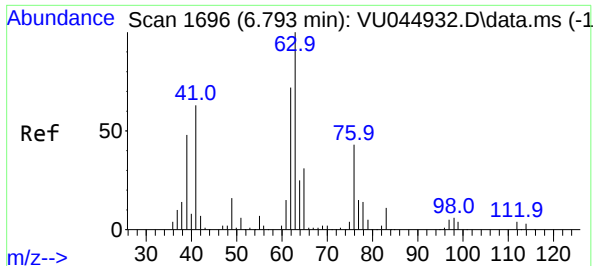


#44
Trichloroethene
Concen: 19.238 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



Tgt Ion:130 Resp: 41986
Ion Ratio Lower Upper
130 100
95 107.2 0.0 209.0





#45

1,2-Dichloropropane

Concen: 19.035 ug/l

RT: 6.796 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS01

Tgt Ion: 63 Resp: 4671

Ion Ratio Lower Upper

63 100

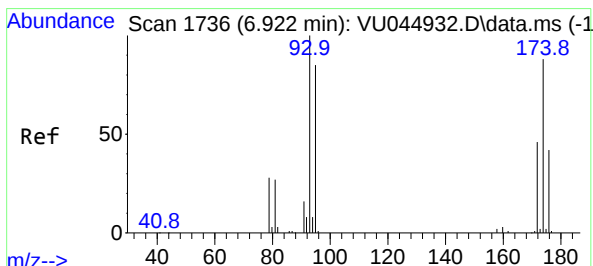
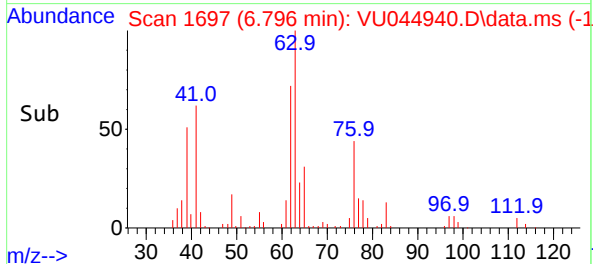
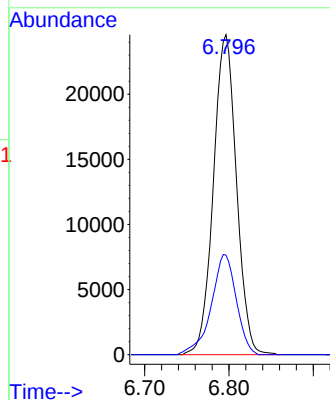
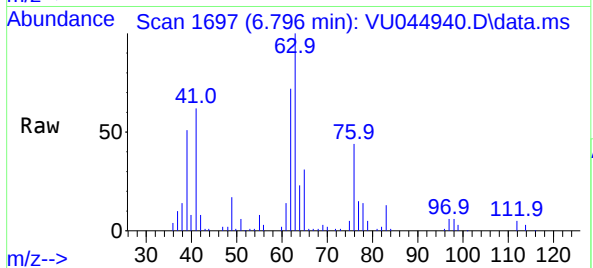
65 31.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 19.495 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

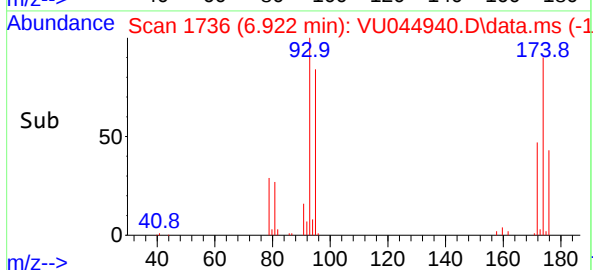
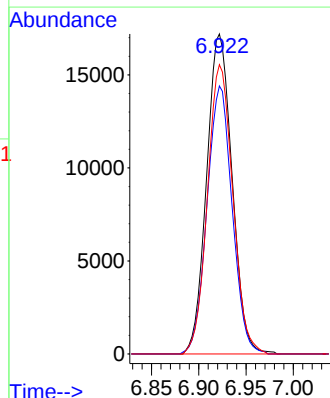
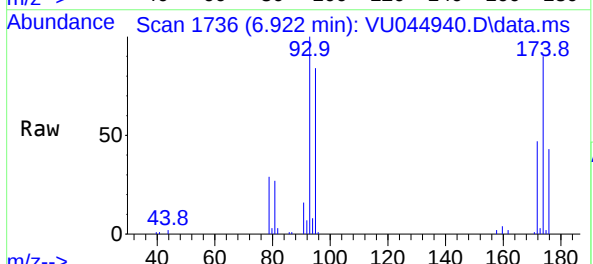
Tgt Ion: 93 Resp: 32230

Ion Ratio Lower Upper

93 100

95 82.7 65.6 98.4

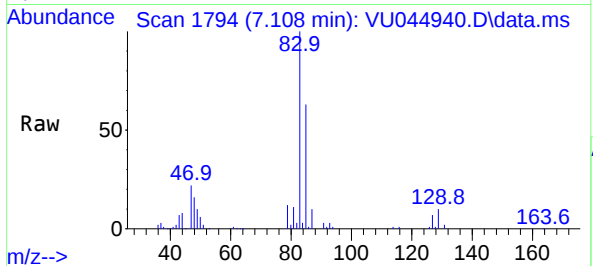
174 89.9 70.7 106.1





#47
Bromodichloromethane
Concen: 19.310 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

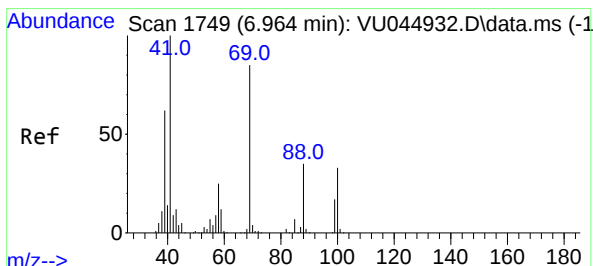
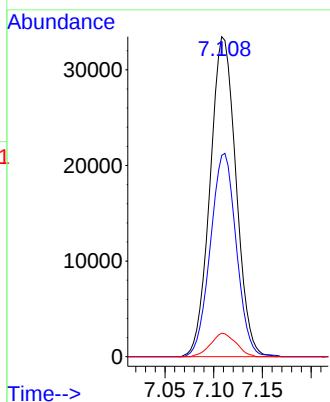
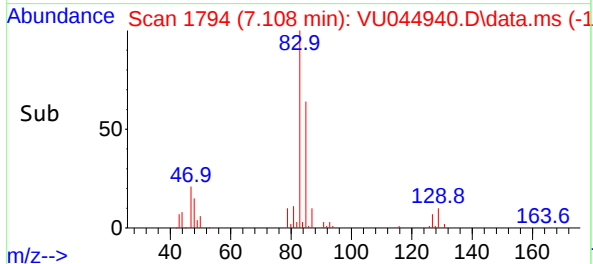
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



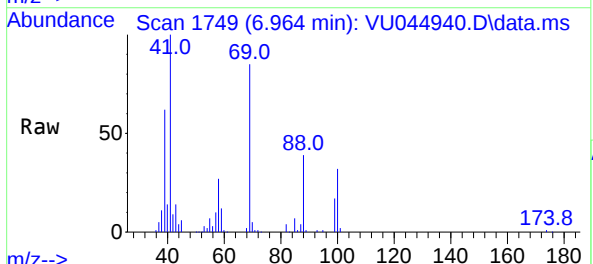
Tgt Ion: 83 Resp: 61983
Ion Ratio Lower Upper
83 100
85 62.9 51.6 77.4
127 7.3 6.2 9.4

Manual Integrations
APPROVED

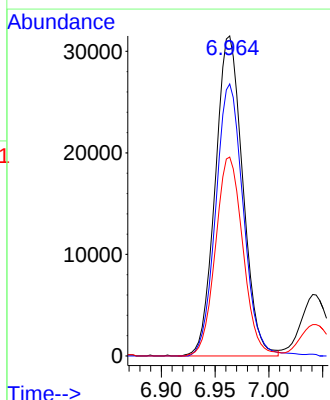
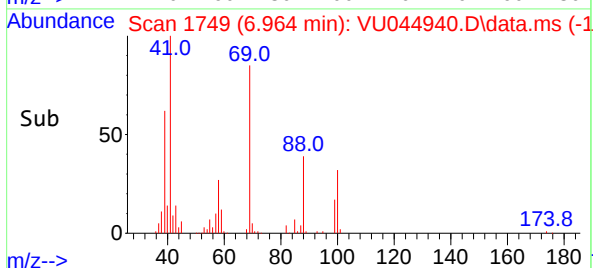
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

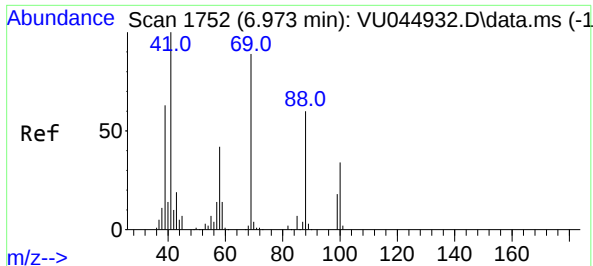


#48
Methyl methacrylate
Concen: 18.617 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



Tgt Ion: 41 Resp: 56062
Ion Ratio Lower Upper
41 100
69 85.2 65.6 98.4
39 62.2 46.2 69.4





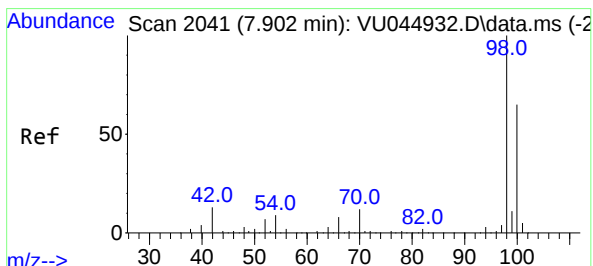
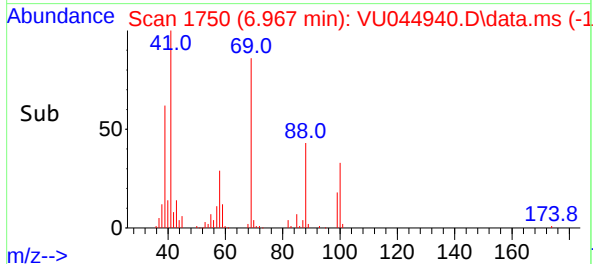
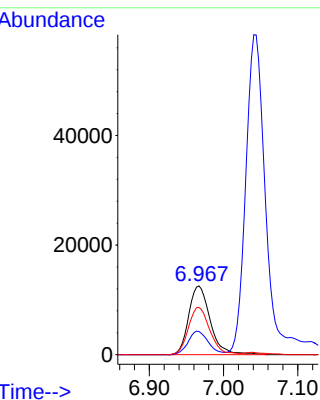
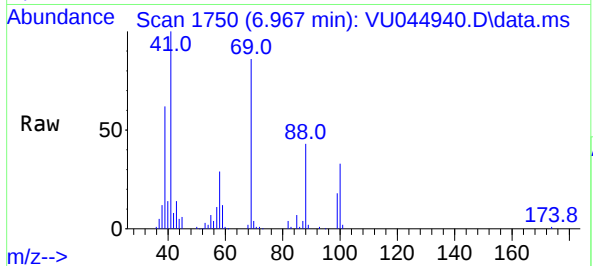
#49
1,4-Dioxane
Concen: 301.284 ug/l
RT: 6.967 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion: 88 Resp: 25250
Ion Ratio Lower Upper
88 100
43 32.2 25.8 38.6
58 68.5 61.3 91.9

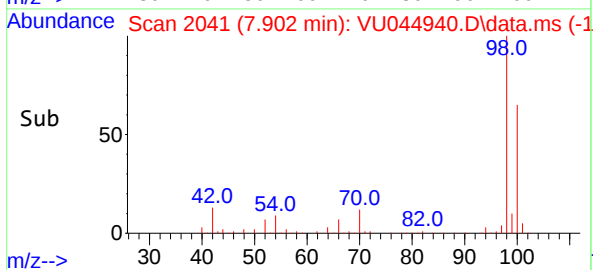
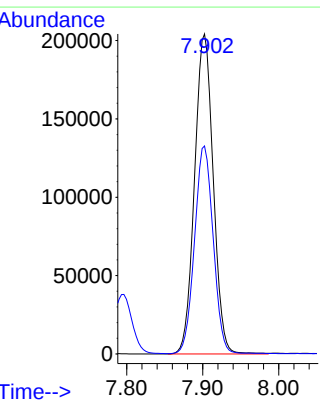
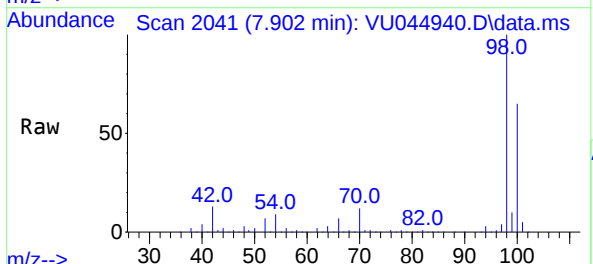
Manual Integrations
APPROVED

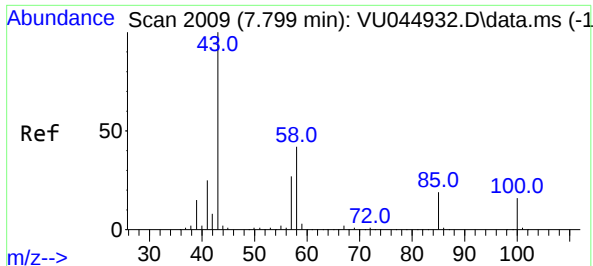
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#50
Toluene-d8
Concen: 47.039 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Tgt Ion: 98 Resp: 348445
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7





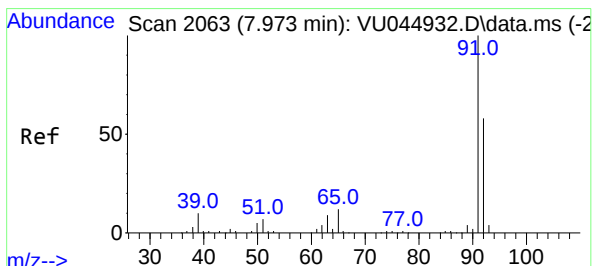
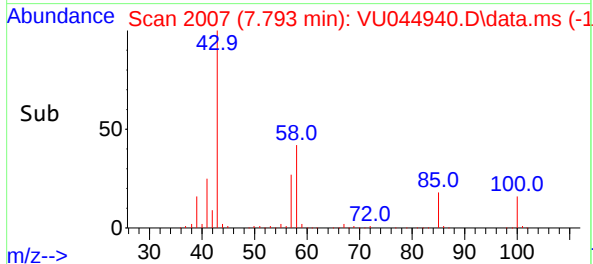
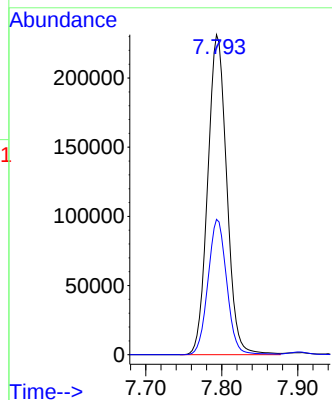
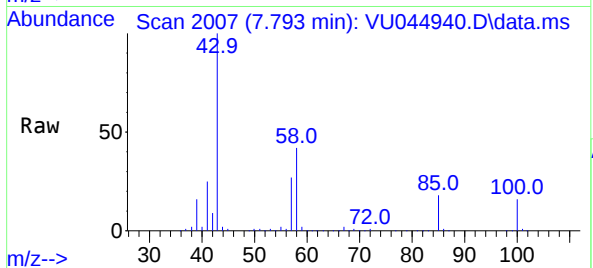
#51
4-Methyl-2-Pentanone
Concen: 89.277 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion: 43 Resp: 402090
Ion Ratio Lower Upper
43 100
58 41.7 32.4 48.6

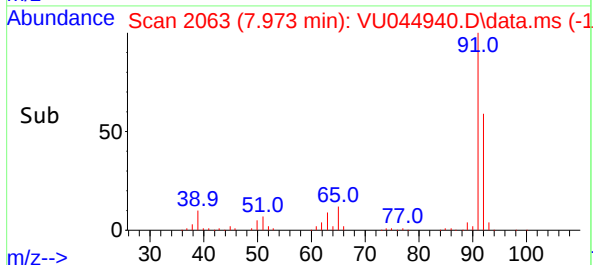
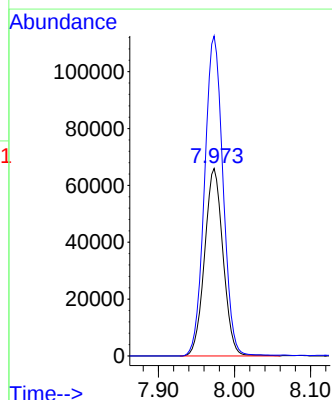
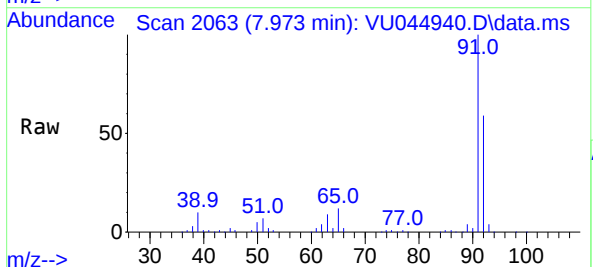
Manual Integrations
APPROVED

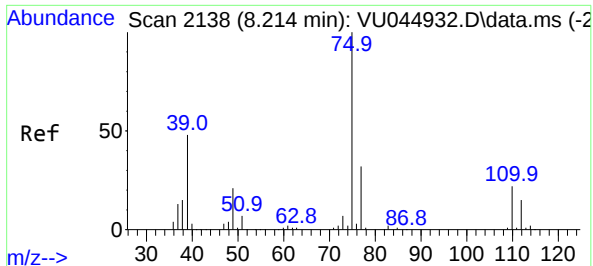
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 19.158 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Tgt Ion: 92 Resp: 110989
Ion Ratio Lower Upper
92 100
91 171.2 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 19.150 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS01

Tgt Ion: 75 Resp: 70290

Ion Ratio Lower Upper

75 100

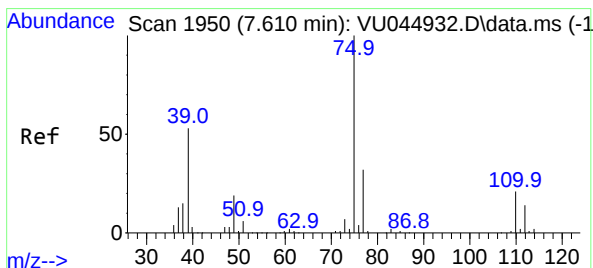
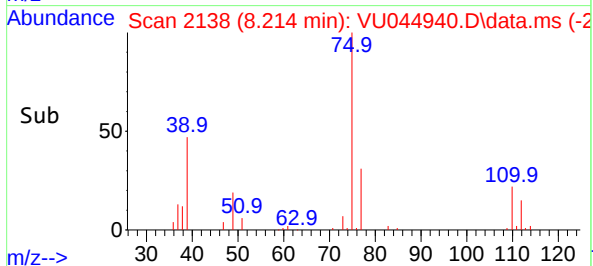
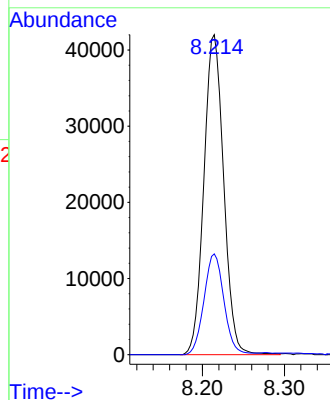
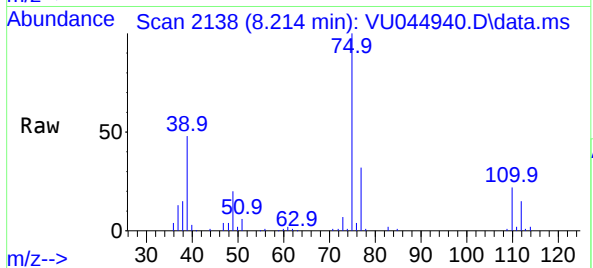
77 31.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#54

cis-1,3-Dichloropropene

Concen: 19.286 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

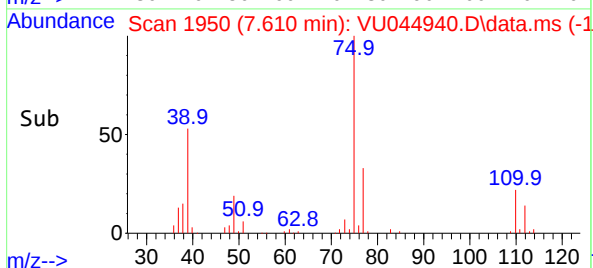
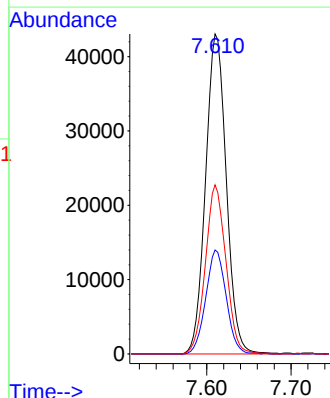
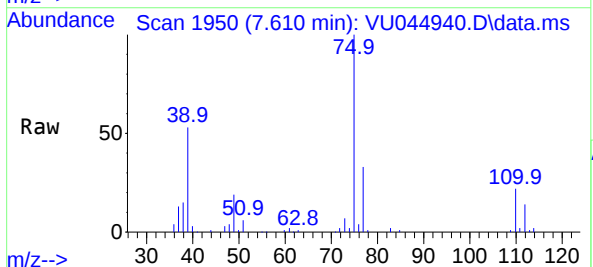
Tgt Ion: 75 Resp: 73742

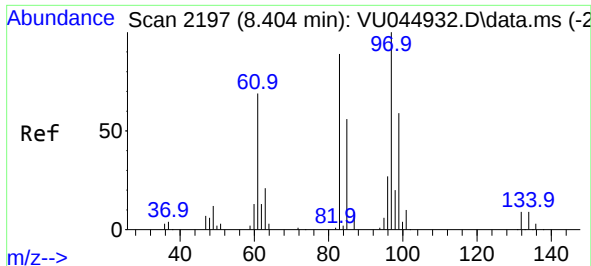
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6

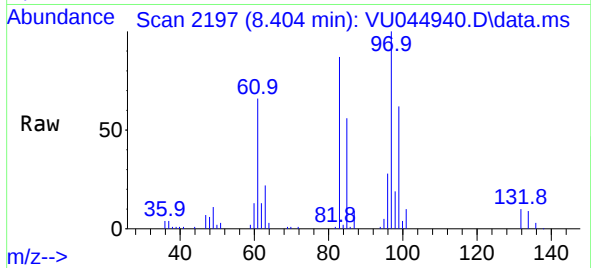
39 52.9 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 18.808 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

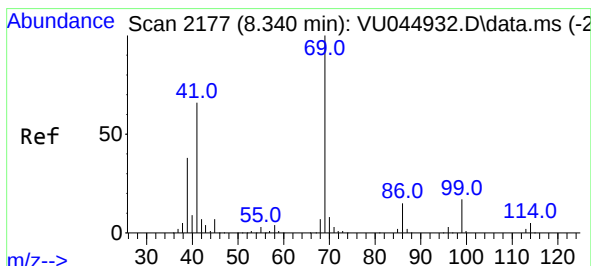
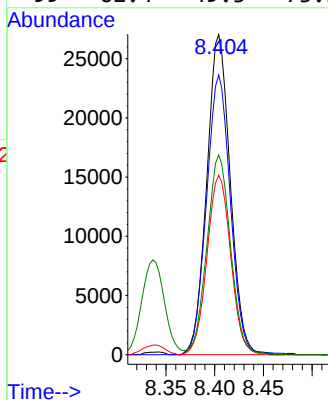
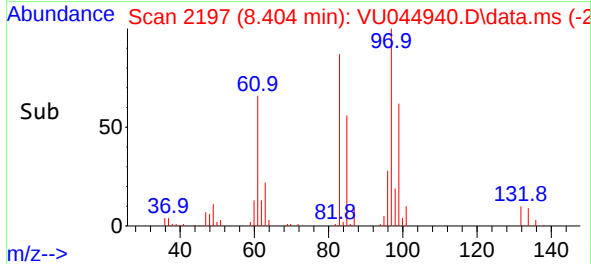
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



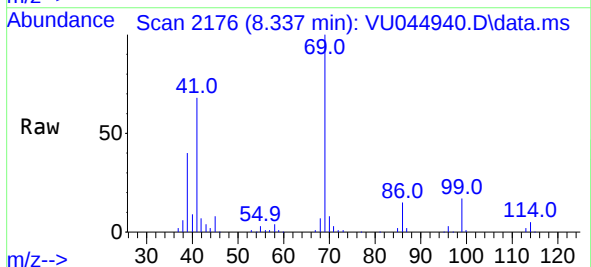
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.7	104.5
85	56.1	44.8	67.2
99	62.4	49.3	73.9

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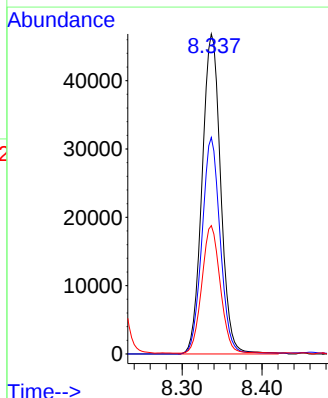
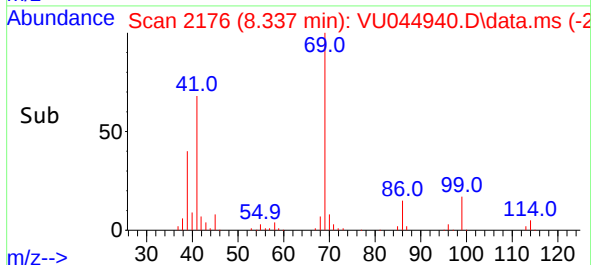
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

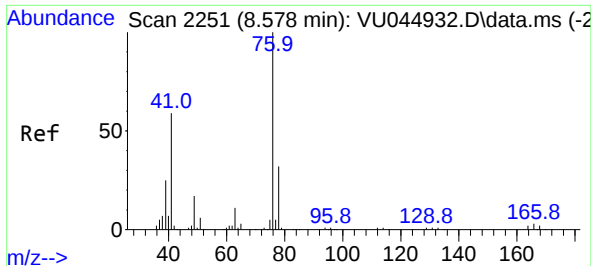


#56
Ethyl methacrylate
Concen: 17.408 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



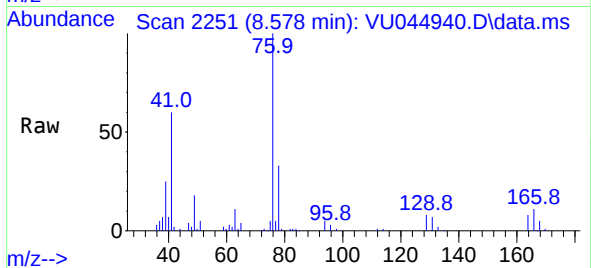
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.5	80.3
39	39.3	31.1	46.7





#57
1,3-Dichloropropane
Concen: 18.742 ug/l
RT: 8.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

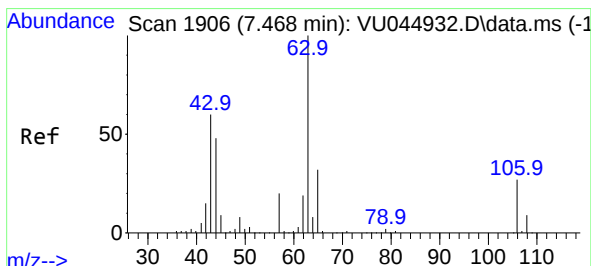
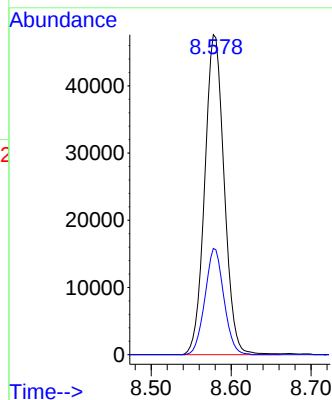
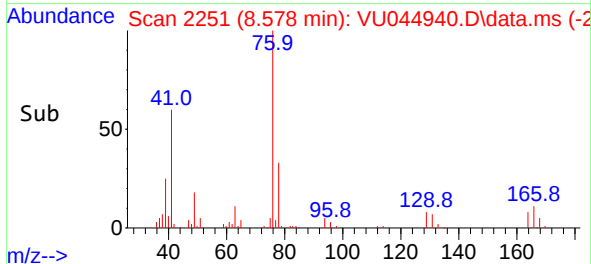
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



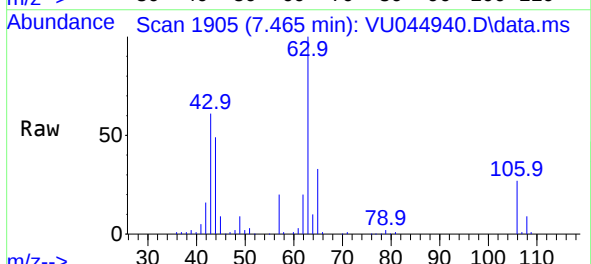
Tgt Ion: 76 Resp: 80739
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
APPROVED

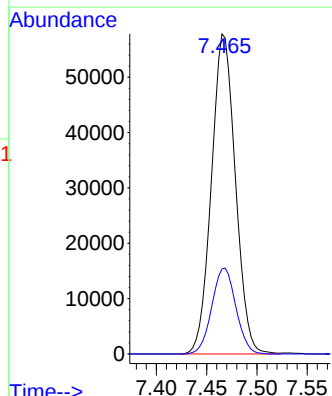
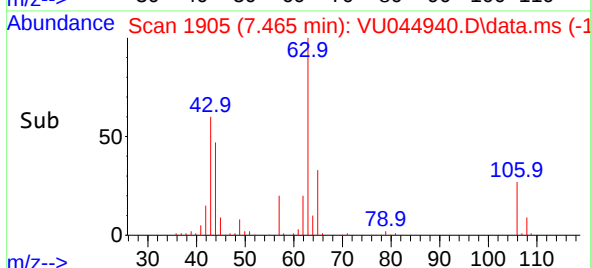
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

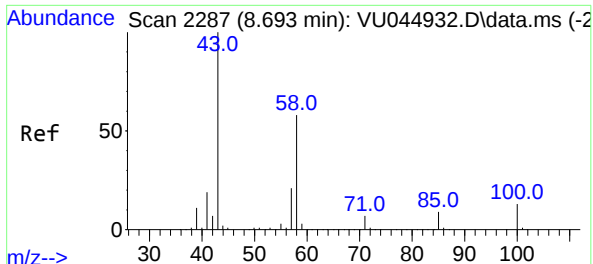


#58
2-Chloroethyl Vinyl ether
Concen: 80.250 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. -0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



Tgt Ion: 63 Resp: 95841
Ion Ratio Lower Upper
63 100
106 26.9 20.5 30.7





#59

2-Hexanone

Concen: 87.204 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS01

Tgt Ion: 43 Resp: 319830

Ion Ratio Lower Upper

43 100

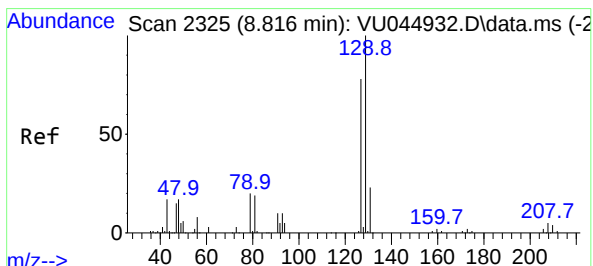
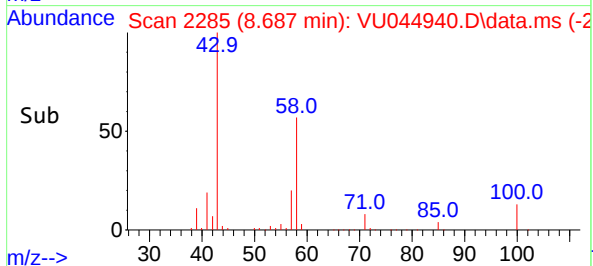
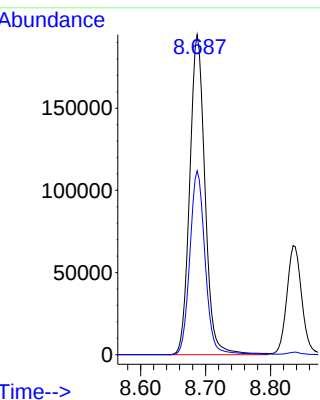
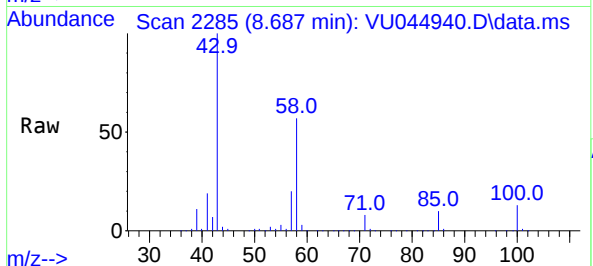
58 57.3 28.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#60

Dibromochloromethane

Concen: 18.235 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.004 min

Lab File: VU044940.D

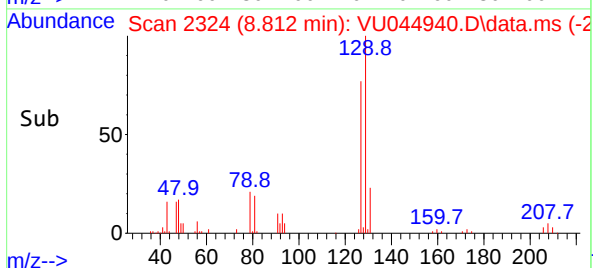
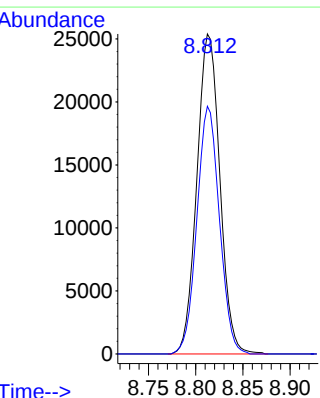
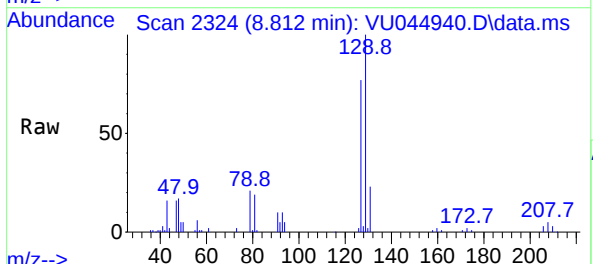
Acq: 28 Sep 2021 14:46

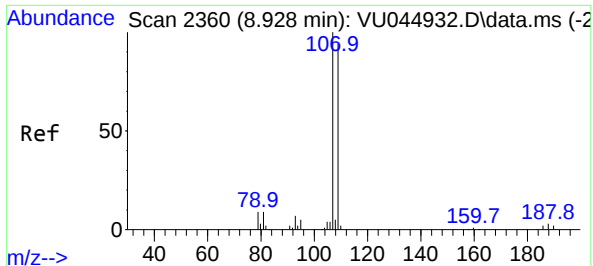
Tgt Ion:129 Resp: 42971

Ion Ratio Lower Upper

129 100

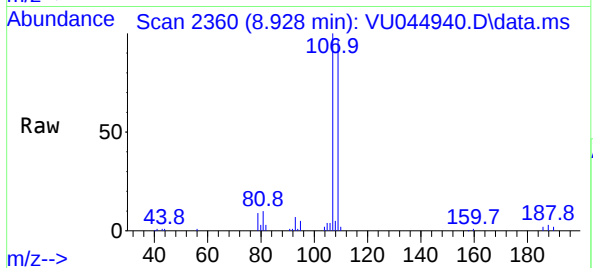
127 75.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 18.951 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

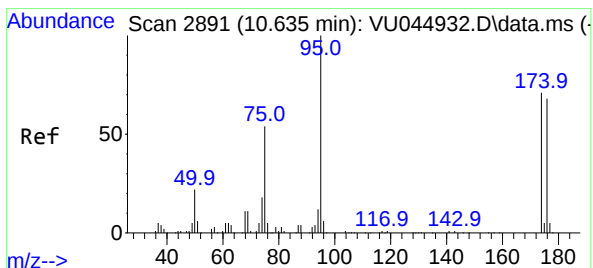
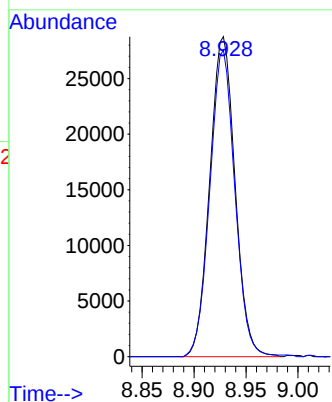
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



Tgt Ion:107 Resp: 4862
Ion Ratio Lower Upper
107 100
109 94.9 74.8 112.2

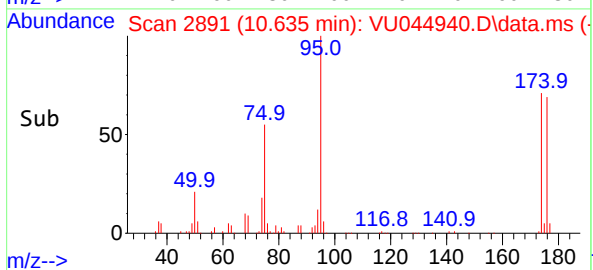
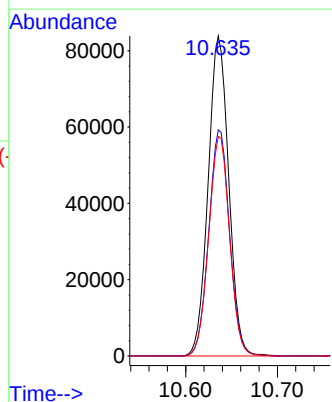
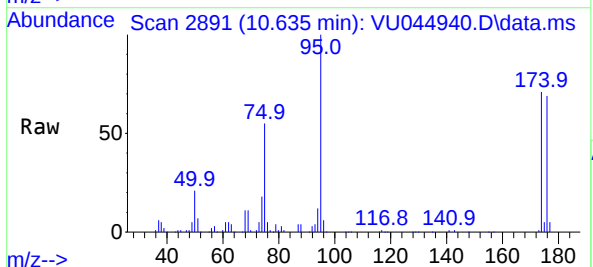
Manual Integrations
APPROVED

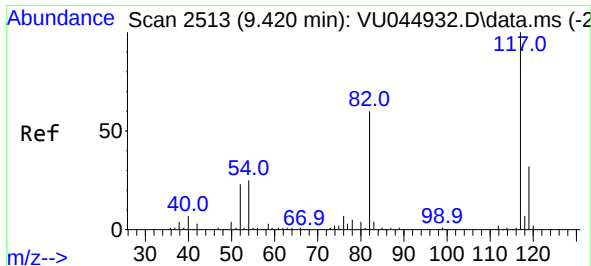
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#62
4-Bromofluorobenzene
Concen: 42.778 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

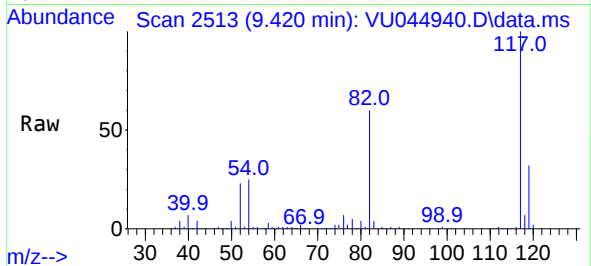
Tgt Ion: 95 Resp: 130825
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 69.5 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

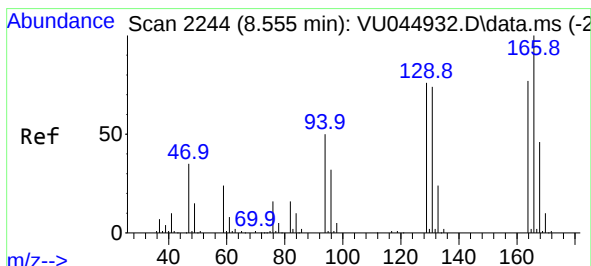
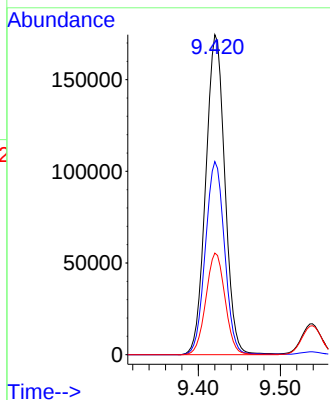
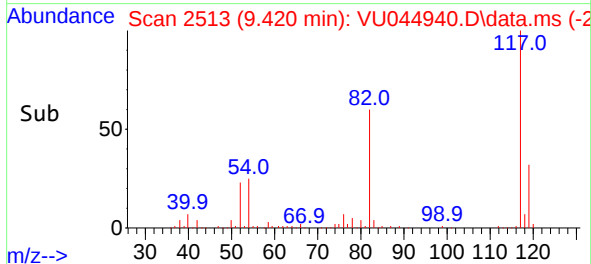
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



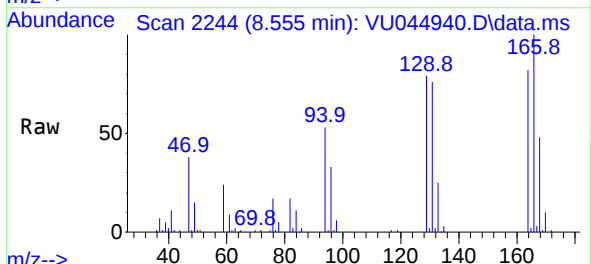
Tgt Ion:117 Resp: 28397
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 31.7 25.8 38.6

Manual Integrations
APPROVED

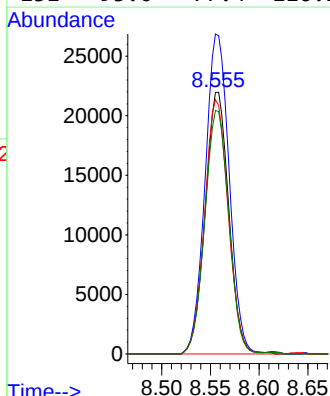
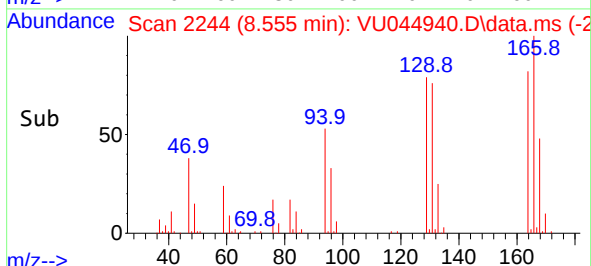
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

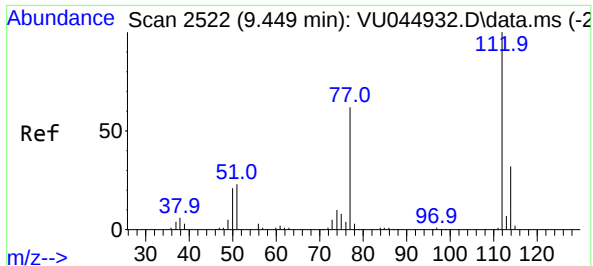


#64
Tetrachloroethene
Concen: 19.963 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



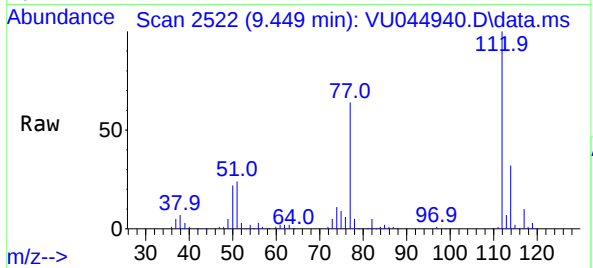
Tgt Ion:164 Resp: 37000
Ion Ratio Lower Upper
164 100
166 122.3 102.8 154.2
129 97.2 79.4 119.2
131 93.0 77.4 116.2





#65
Chlorobenzene
Concen: 18.930 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

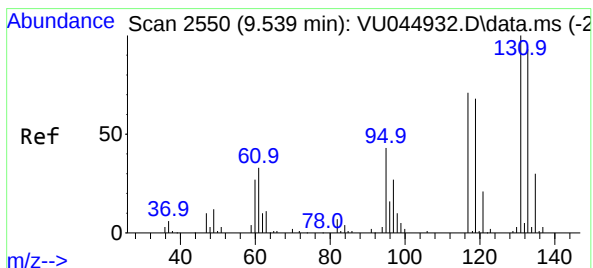
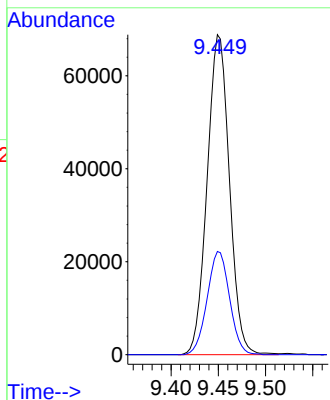
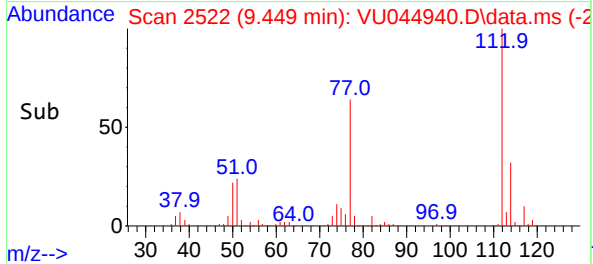
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



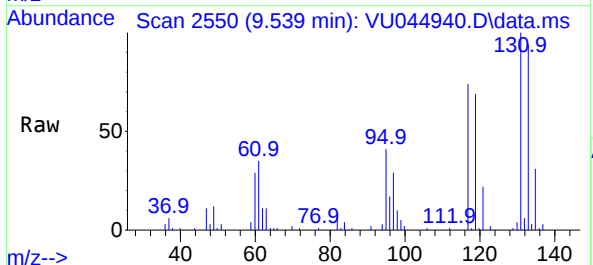
Tgt Ion:112 Resp: 11270
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9

Manual Integrations
APPROVED

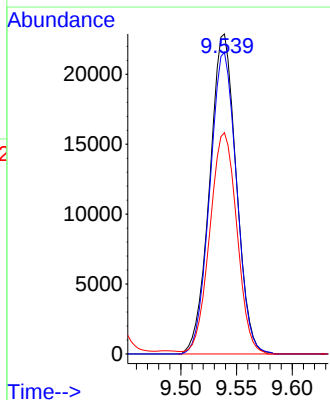
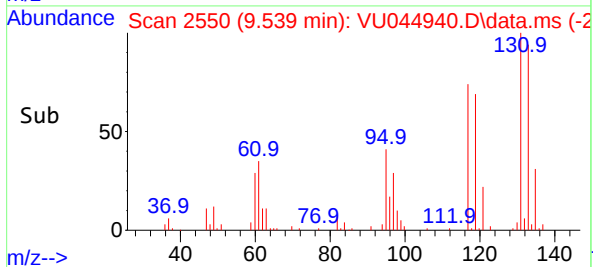
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

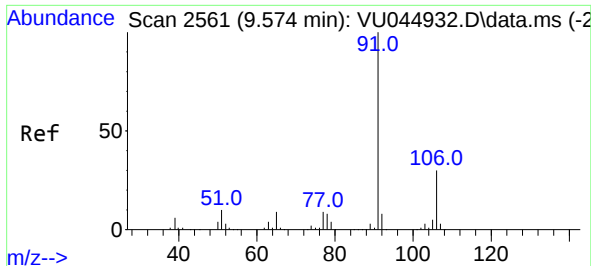


#66
1,1,1,2-Tetrachloroethane
Concen: 18.266 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



Tgt Ion:131 Resp: 37967
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 70.5 34.1 102.3





#67

Ethyl Benzene

Concen: 19.347 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS01

Tgt Ion: 91 Resp: 21196

Ion Ratio Lower Upper

91 100

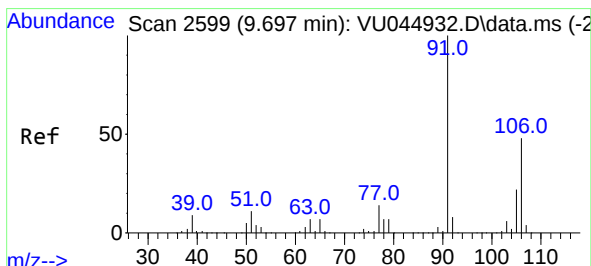
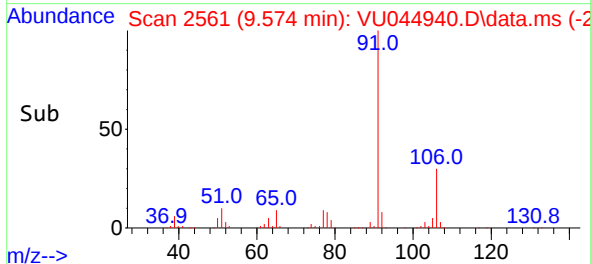
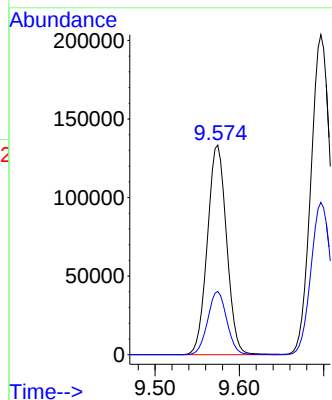
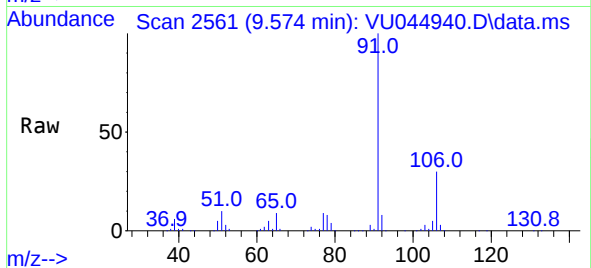
106 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#68

m/p-Xylenes

Concen: 38.182 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU044940.D

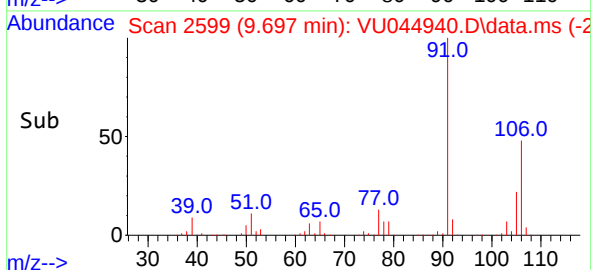
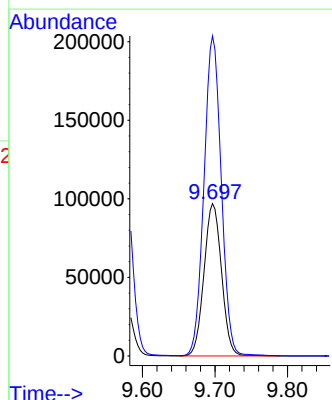
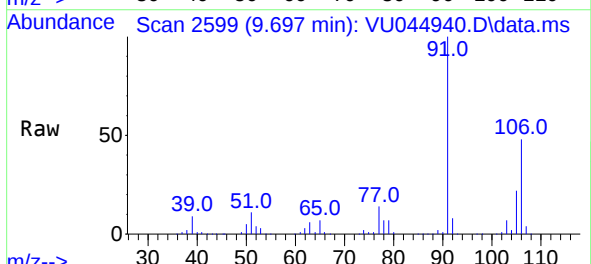
Acq: 28 Sep 2021 14:46

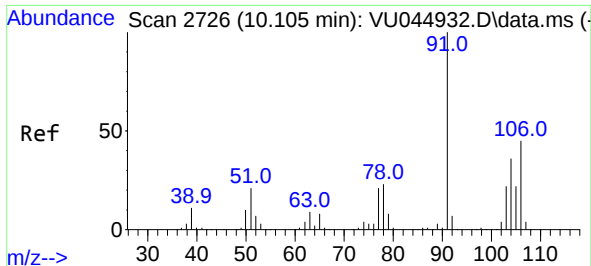
Tgt Ion:106 Resp: 162514

Ion Ratio Lower Upper

106 100

91 207.6 164.2 246.2





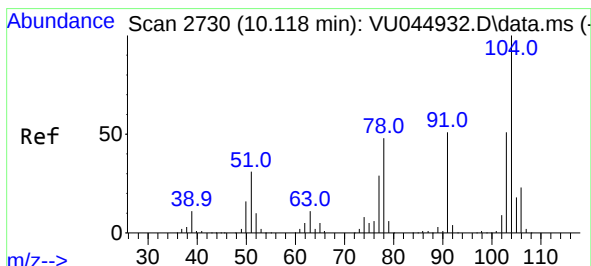
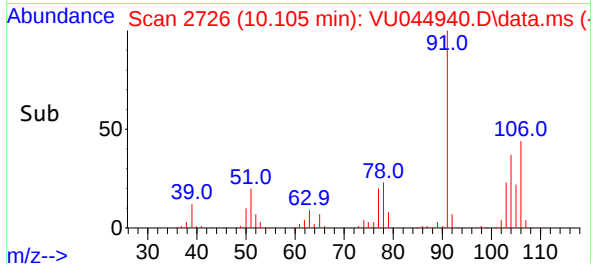
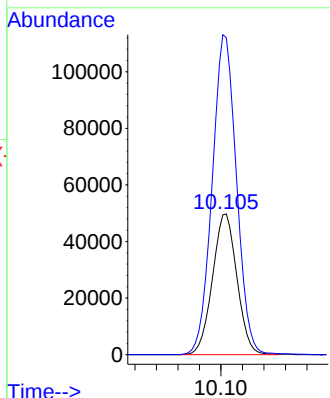
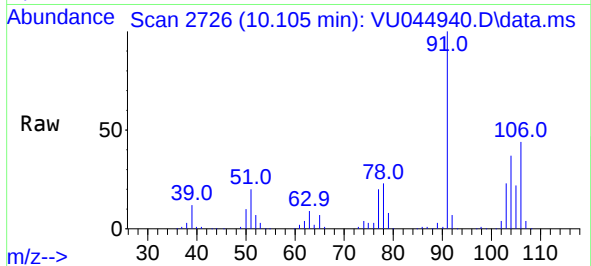
#69
o-Xylene
Concen: 18.608 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion:106 Resp: 78600
Ion Ratio Lower Upper
106 100
91 226.1 108.9 326.7

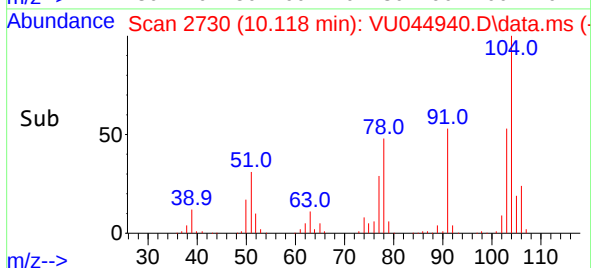
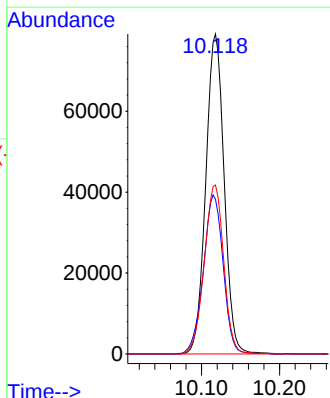
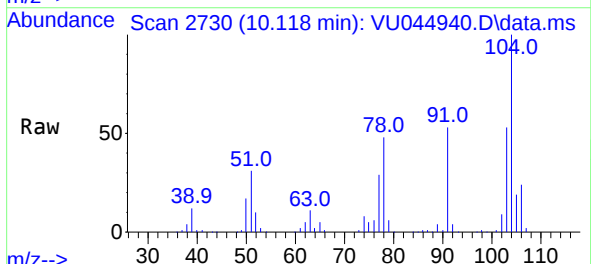
Manual Integrations
APPROVED

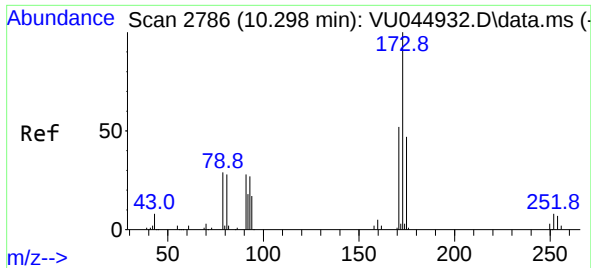
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#70
Styrene
Concen: 18.295 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Tgt Ion:104 Resp: 129652
Ion Ratio Lower Upper
104 100
78 53.8 41.4 62.0
103 56.0 43.5 65.3





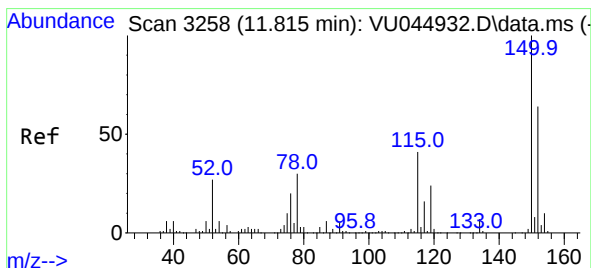
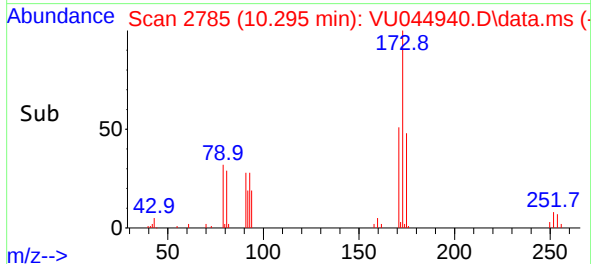
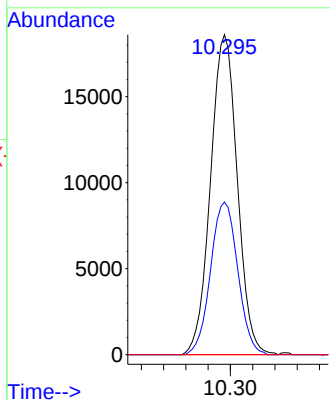
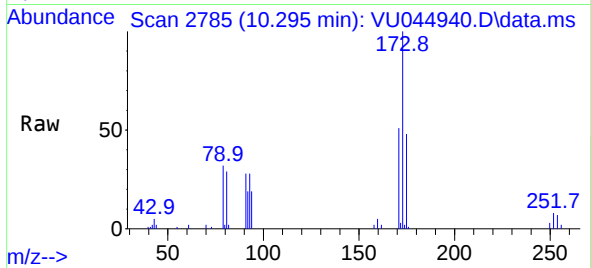
#71
Bromoform
Concen: 16.336 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion:173 Resp: 31018
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

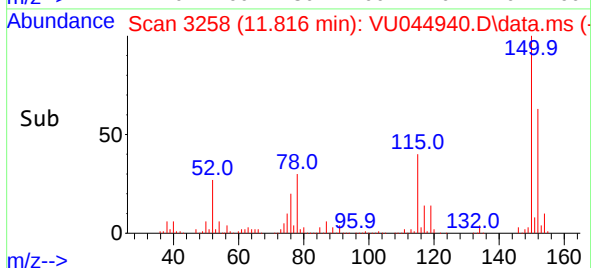
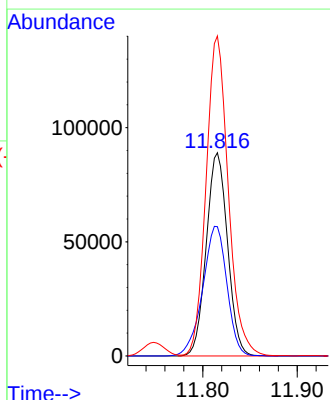
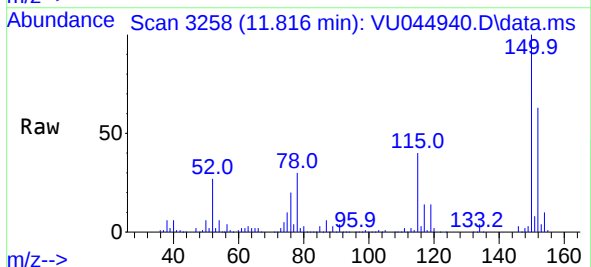
Manual Integrations
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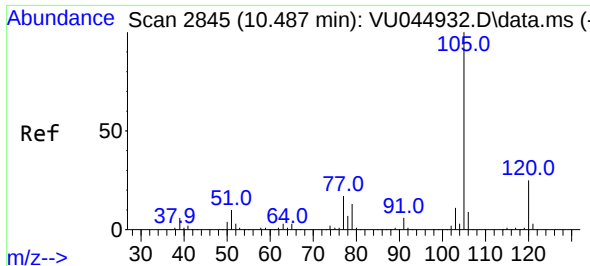
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Tgt Ion:152 Resp: 139229
Ion Ratio Lower Upper
152 100
115 72.6 43.5 130.7
150 164.2 0.0 350.0





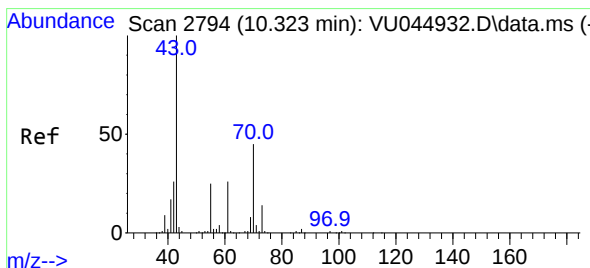
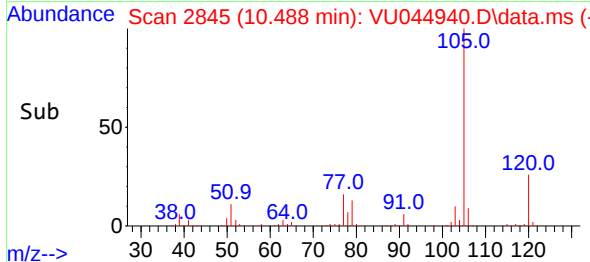
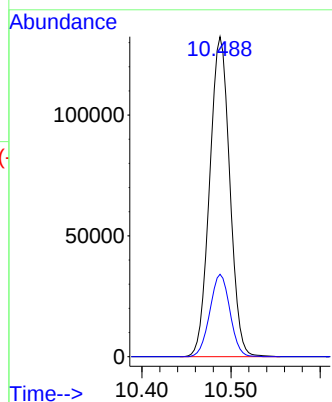
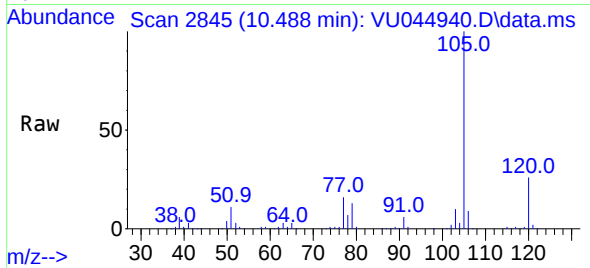
#73
Isopropylbenzene
Concen: 20.011 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument : MSVOA_U
ClientSampleId : VU0928WBS01

Tgt Ion:105 Resp: 20748
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3

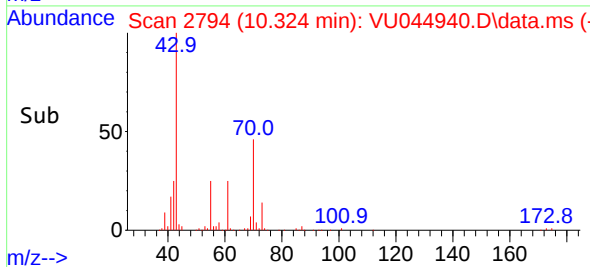
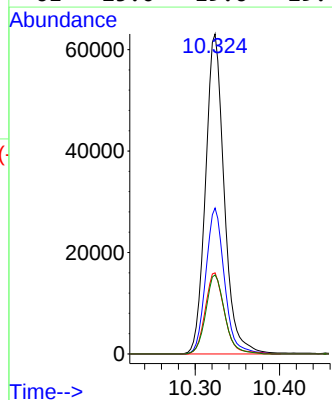
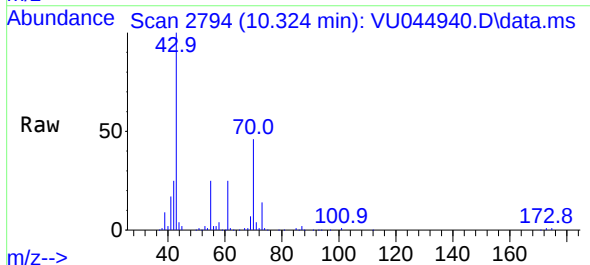
Manual Integrations
APPROVED

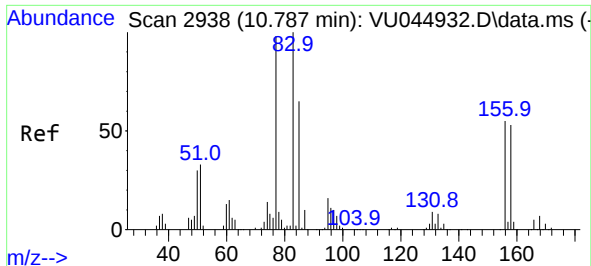
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 18.731 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

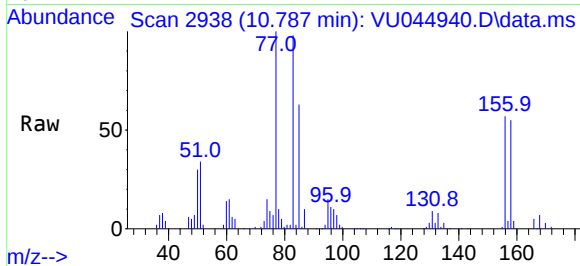
Tgt Ion: 43 Resp: 97786
Ion Ratio Lower Upper
43 100
70 45.5 35.1 52.7
55 25.9 20.5 30.7
61 25.0 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 18.169 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

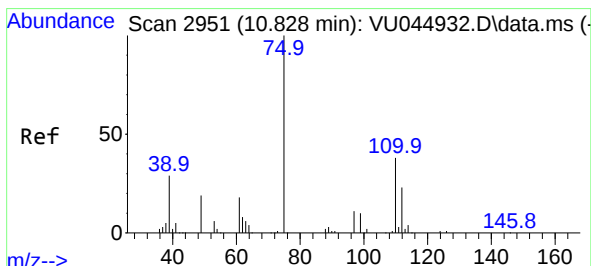
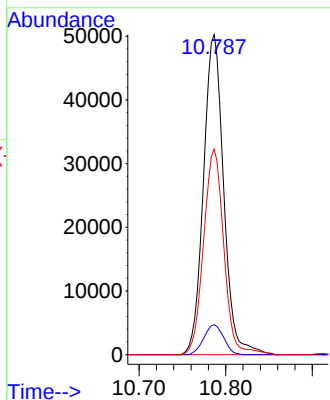
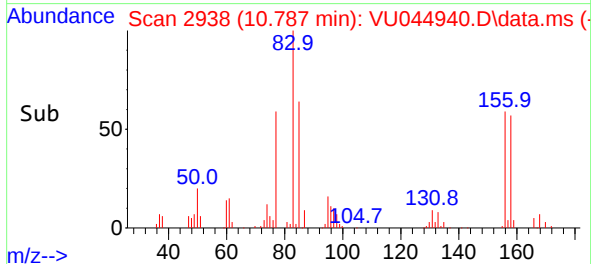
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



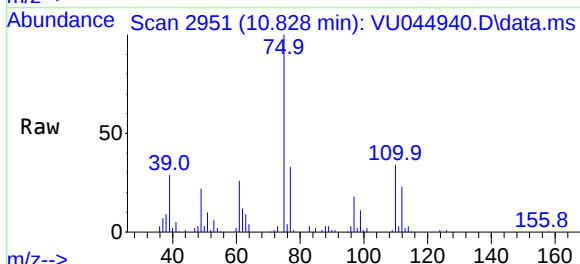
Tgt Ion: 83 Resp: 8150
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 64.2 31.9 95.5

Manual Integrations
APPROVED

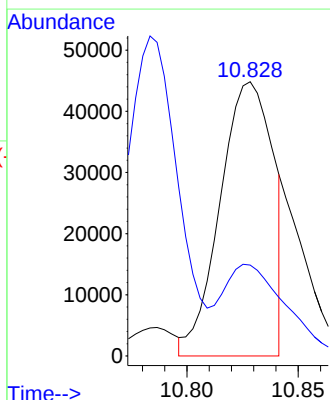
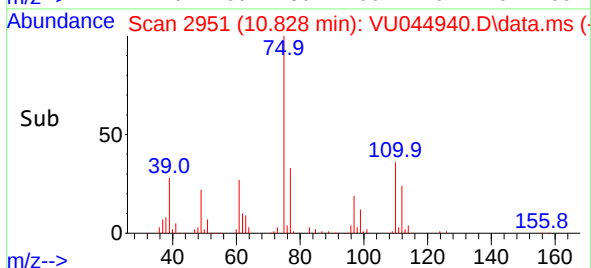
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

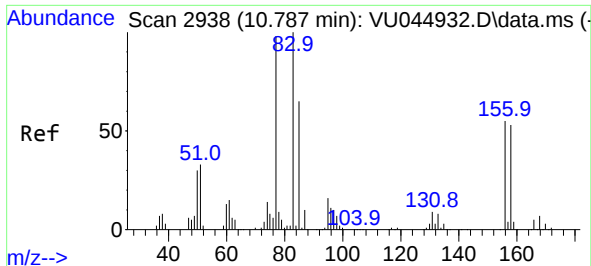


#76
1,2,3-Trichloropropane
Concen: 18.218 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



Tgt Ion: 75 Resp: 73983
Ion Ratio Lower Upper
75 100
77 38.6 17.9 53.7





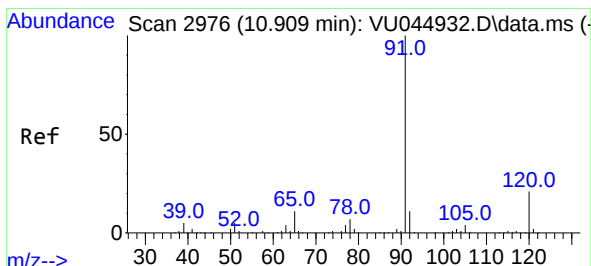
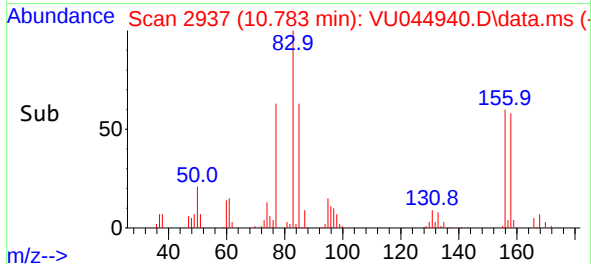
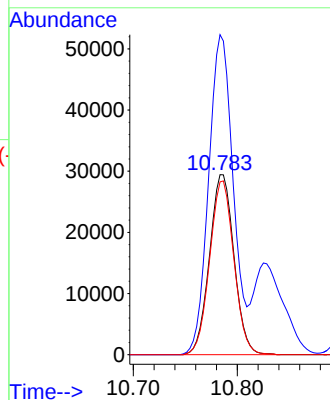
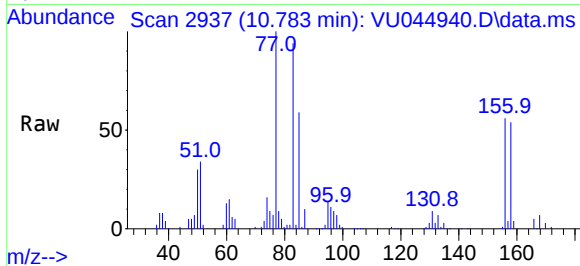
#77
Bromobenzene
Concen: 19.244 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.004 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion:156 Resp: 4818
Ion Ratio Lower Upper
156 100
77 177.5 91.1 273.4
158 95.4 48.2 144.6

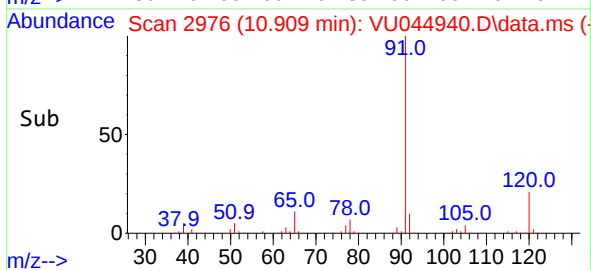
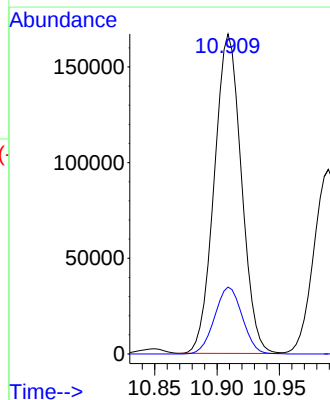
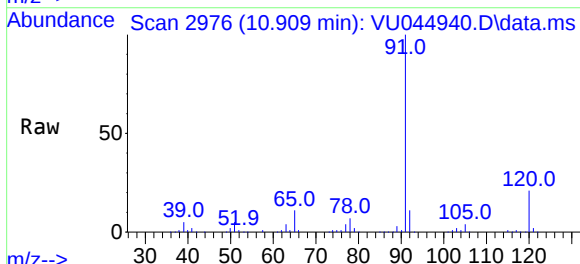
Manual Integrations
APPROVED

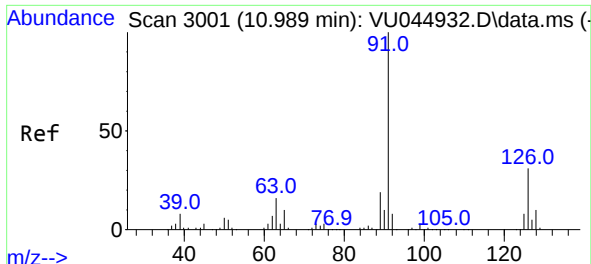
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#78
n-propylbenzene
Concen: 19.995 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Tgt Ion: 91 Resp: 252636
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





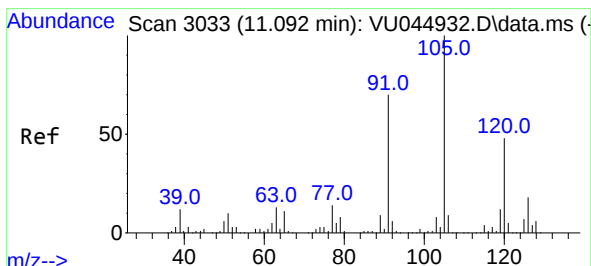
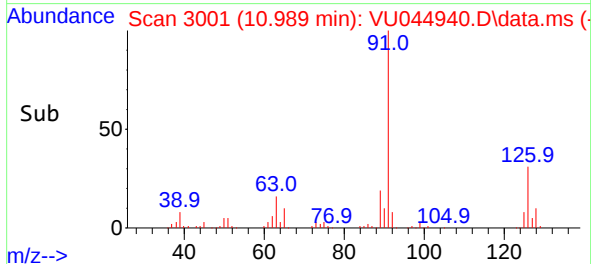
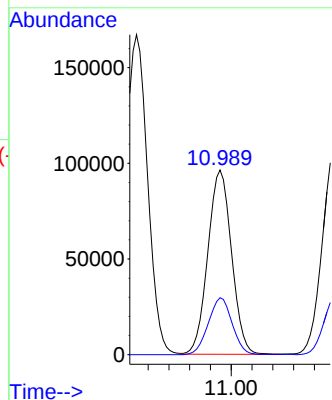
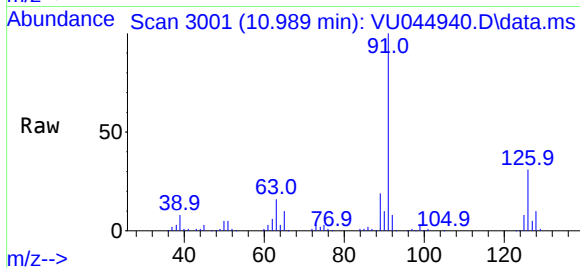
#79
2-Chlorotoluene
Concen: 19.244 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01

Tgt Ion: 91 Resp: 152414
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0

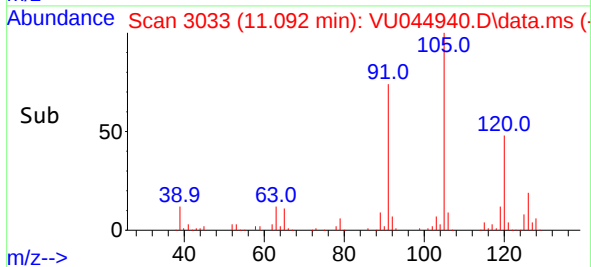
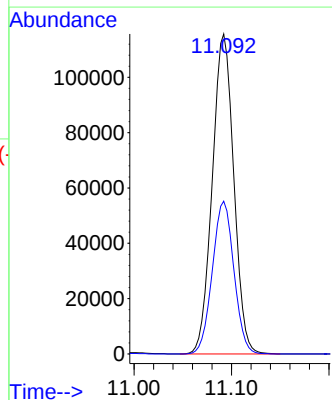
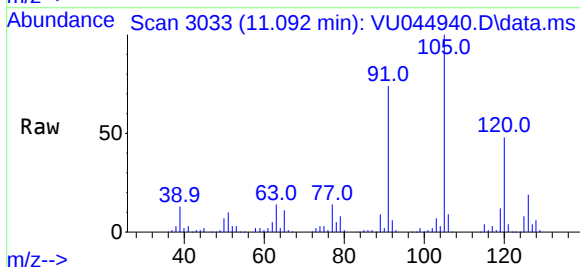
Manual Integrations
APPROVED

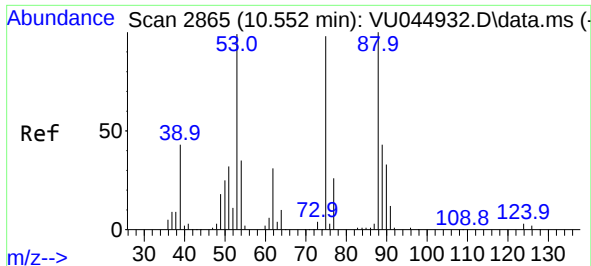
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.507 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

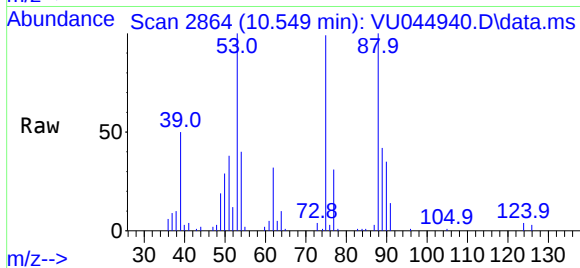
Tgt Ion:105 Resp: 177181
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 17.463 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

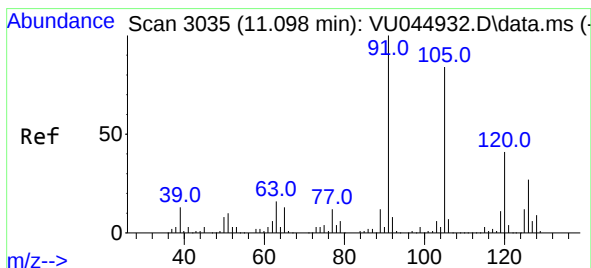
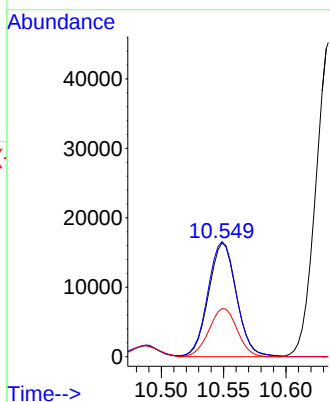
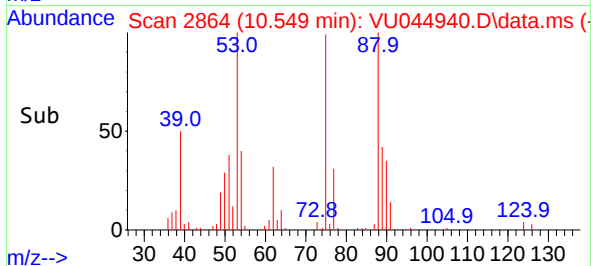
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



Tgt Ion: 75 Resp: 2555
Ion Ratio Lower Upper
75 100
53 103.5 82.0 123.0
89 42.8 34.2 51.4

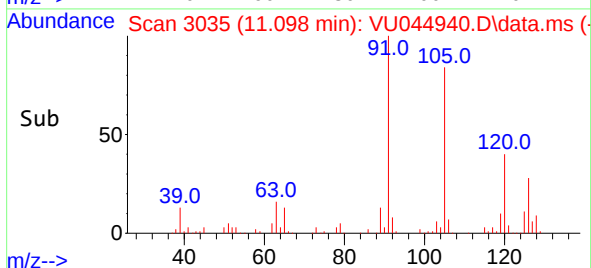
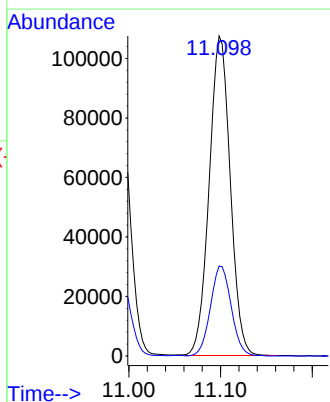
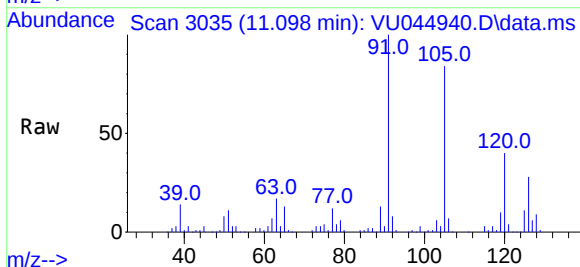
Manual Integrations
APPROVED

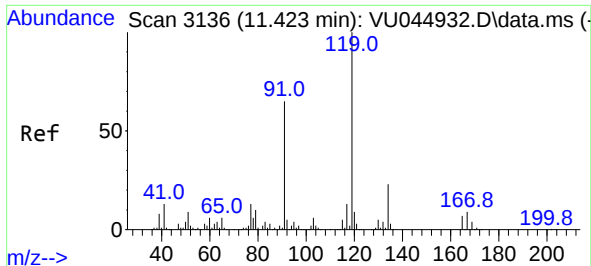
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#82
4-Chlorotoluene
Concen: 19.132 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

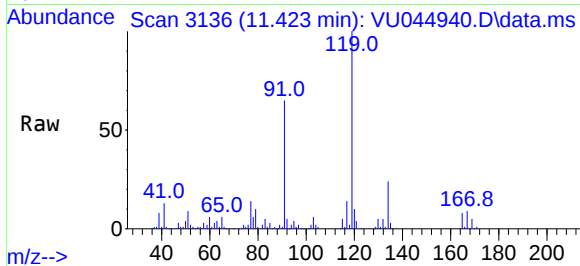
Tgt Ion: 91 Resp: 171270
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4





#83
tert-Butylbenzene
Concen: 19.210 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

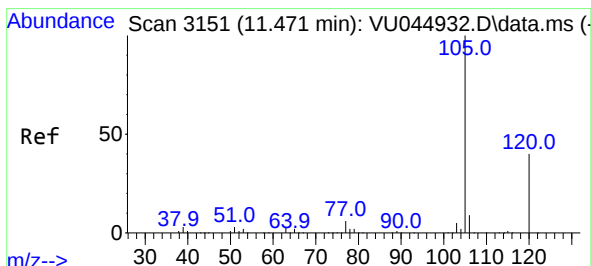
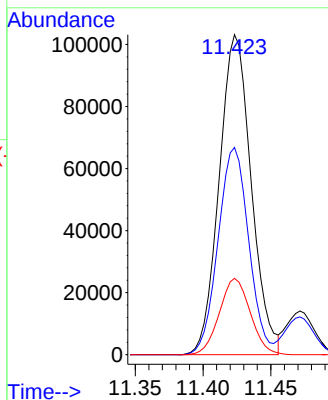
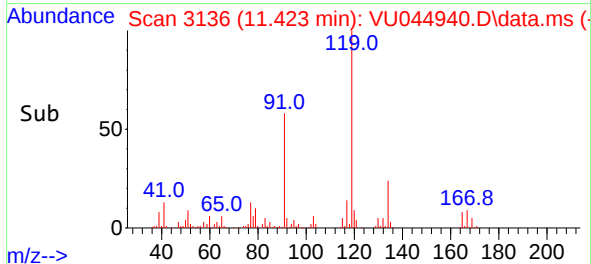
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



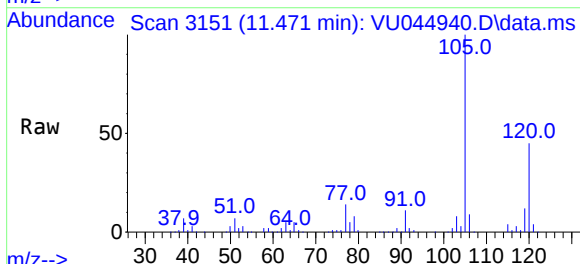
Tgt Ion:119 Resp: 169714
Ion Ratio Lower Upper
119 100
91 62.1 30.4 91.2
134 23.0 11.5 34.5

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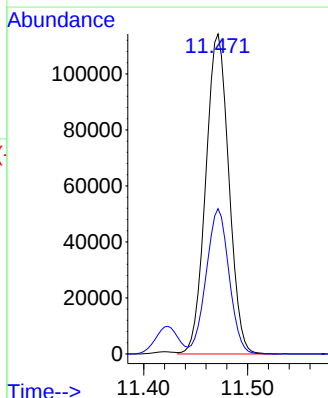
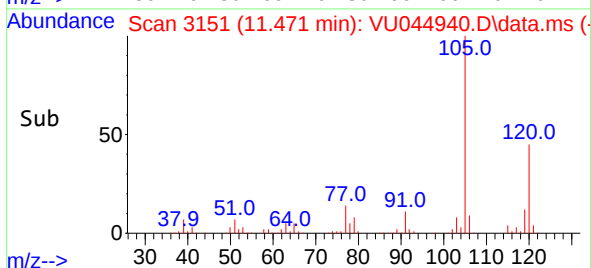
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 19.639 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



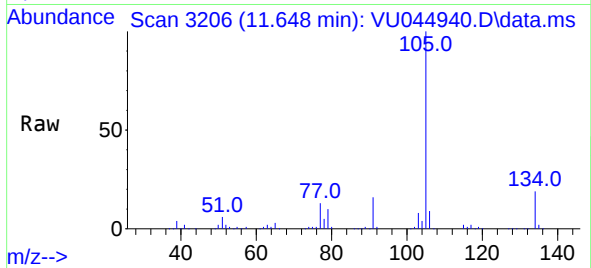
Tgt Ion:105 Resp: 176480
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.792 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU044940.D
 Acq: 28 Sep 2021 14:46

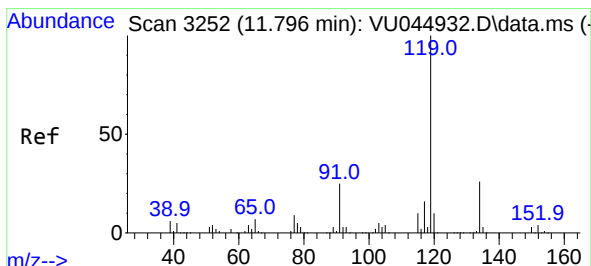
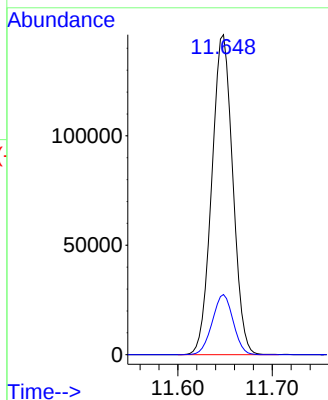
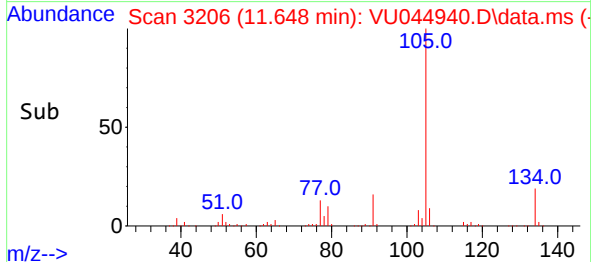
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBS01



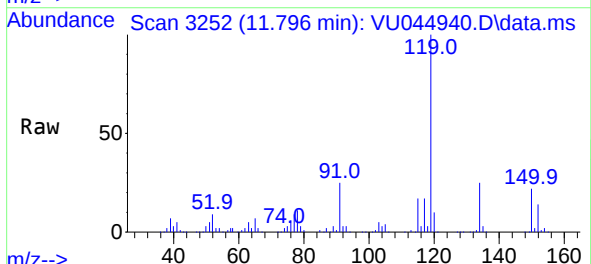
Tgt Ion:105 Resp: 225178
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0

Manual Integrations
 APPROVED

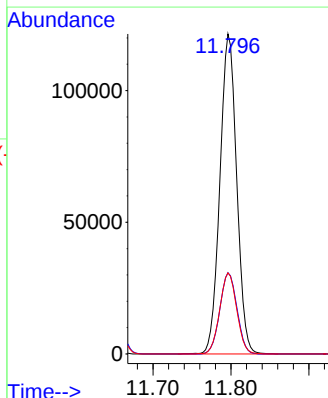
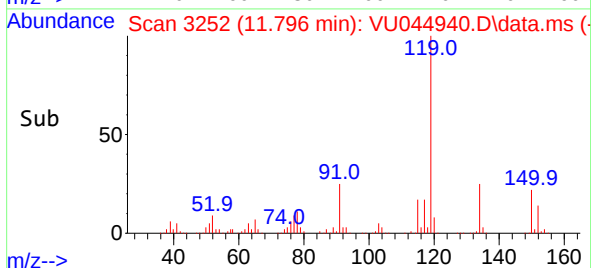
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

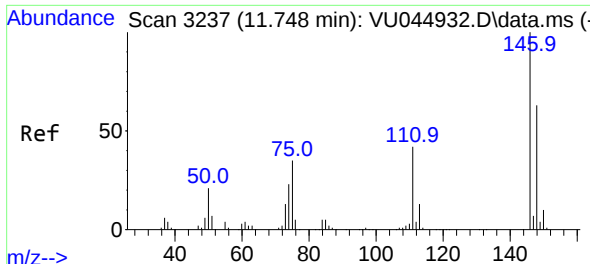


#86
 p-Isopropyltoluene
 Concen: 19.835 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044940.D
 Acq: 28 Sep 2021 14:46



Tgt Ion:119 Resp: 181528
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.719 ug/l

RT: 11.748 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBS01

Tgt Ion:146 Resp: 89749

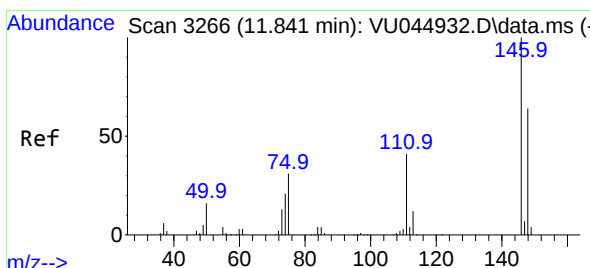
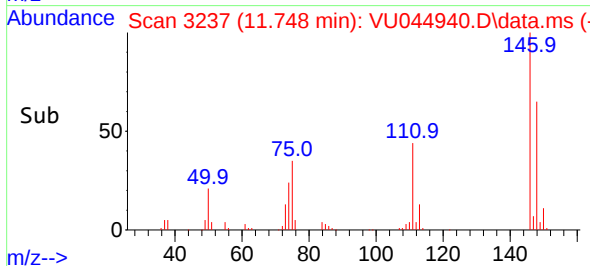
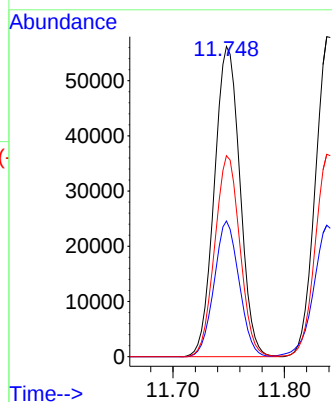
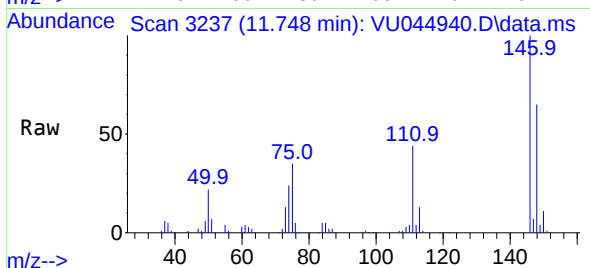
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	63.8	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#88

1,4-Dichlorobenzene

Concen: 18.868 ug/l

RT: 11.838 min Scan# 3265

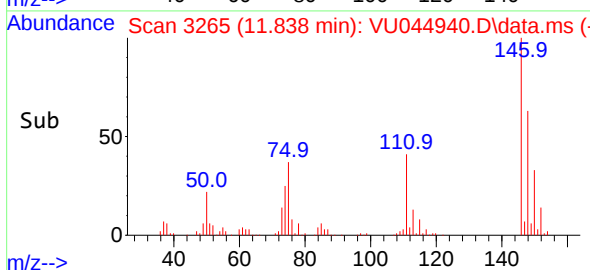
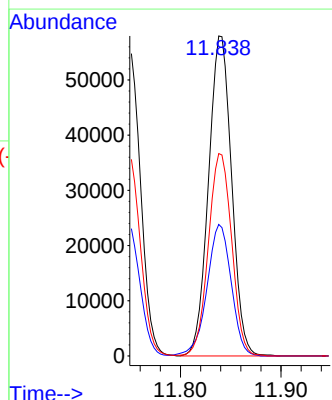
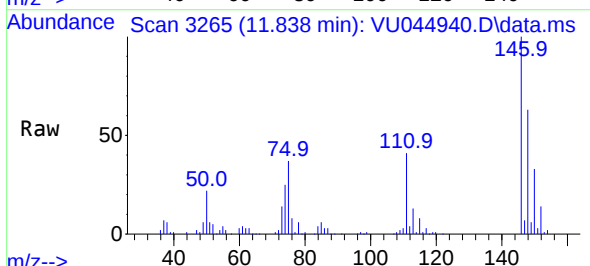
Delta R.T. -0.003 min

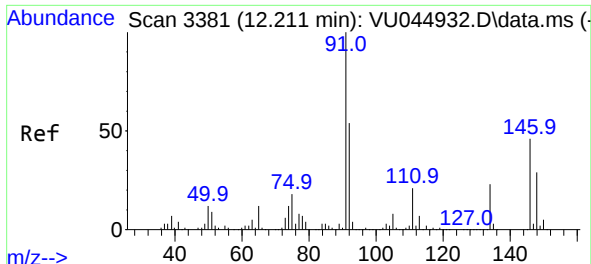
Lab File: VU044940.D

Acq: 28 Sep 2021 14:46

Tgt Ion:146 Resp: 92541

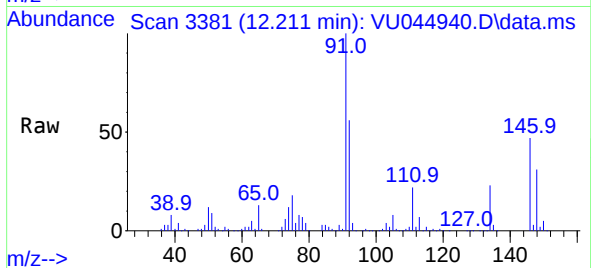
Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.3	61.0
148	64.0	31.8	95.3





#89
n-Butylbenzene
Concen: 19.555 ug/l
RT: 12.211 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

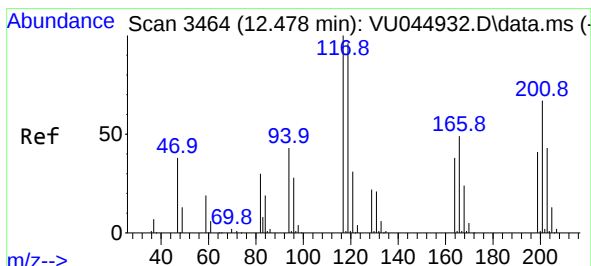
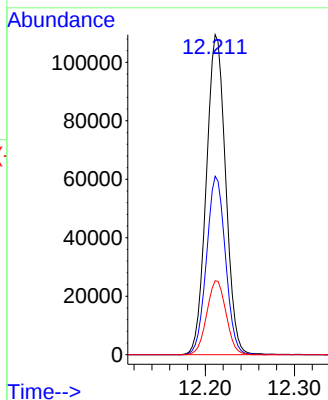
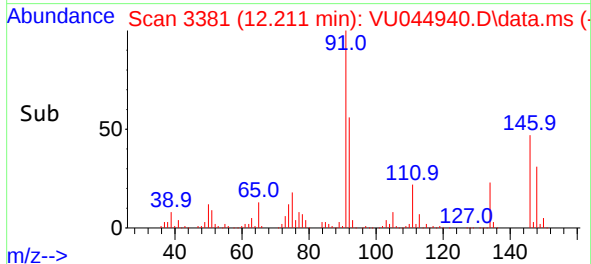
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



Tgt Ion: 91 Resp: 164834
Ion Ratio Lower Upper
91 100
92 54.5 26.8 80.4
134 23.1 11.8 35.4

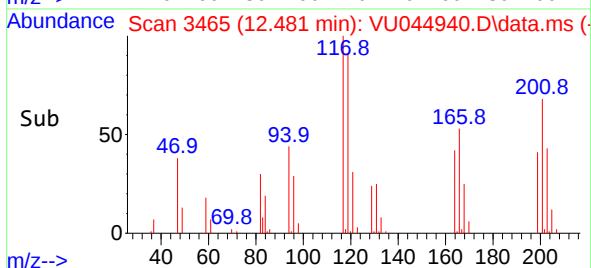
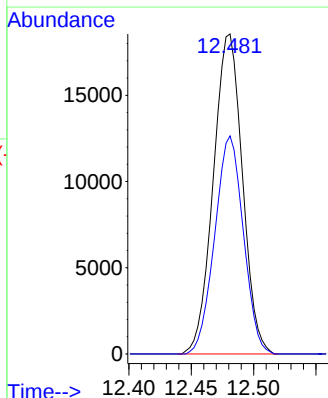
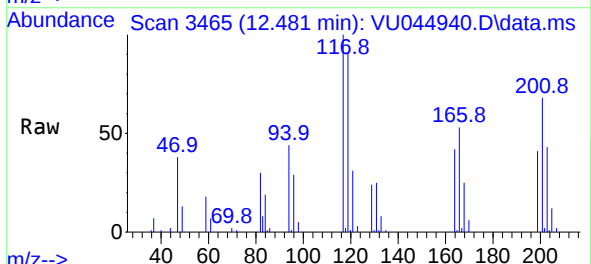
Manual Integrations
APPROVED

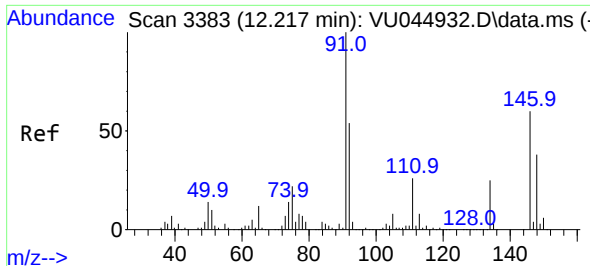
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 18.251 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

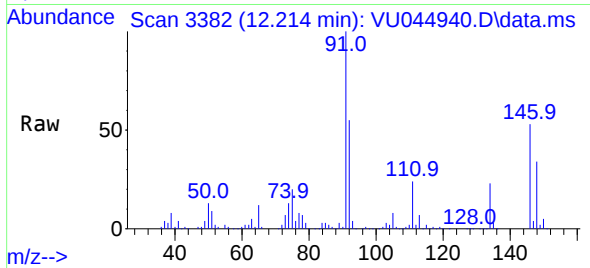
Tgt Ion:117 Resp: 30163
Ion Ratio Lower Upper
117 100
201 67.0 34.8 104.3





#91
1,2-Dichlorobenzene
Concen: 18.465 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

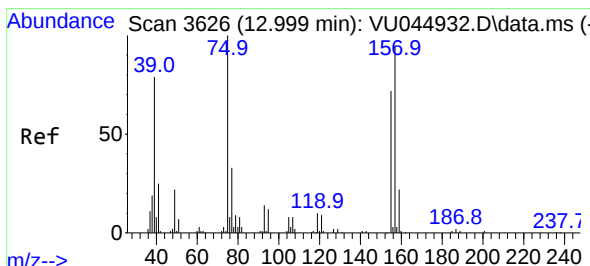
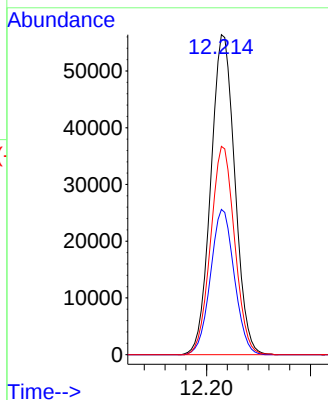
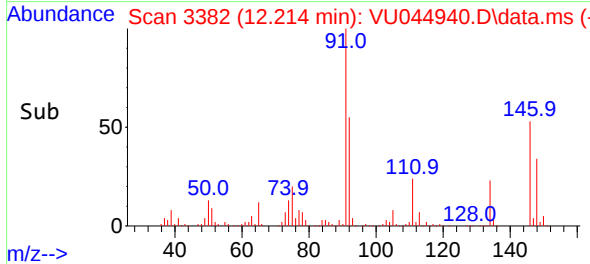
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



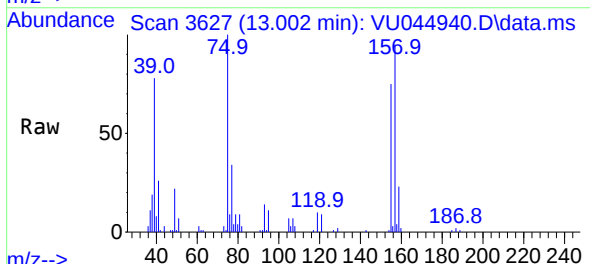
Tgt Ion:146 Resp: 90499
Ion Ratio Lower Upper
146 100
111 45.0 21.4 64.3
148 65.2 31.8 95.3

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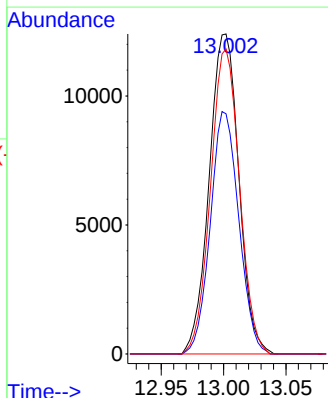
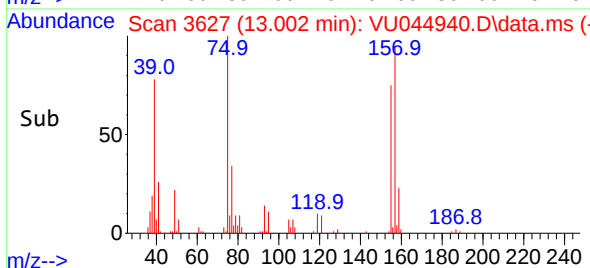
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

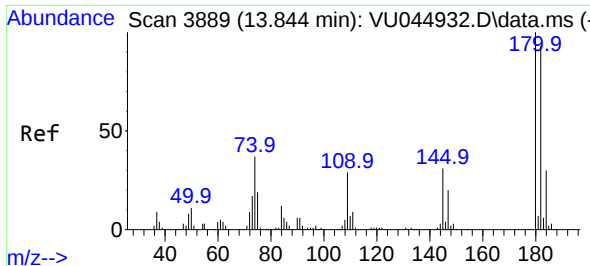


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.434 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



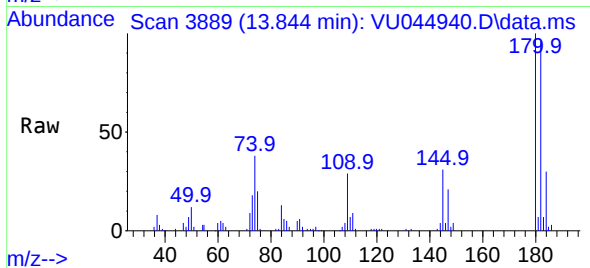
Tgt Ion: 75 Resp: 20571
Ion Ratio Lower Upper
75 100
155 72.7 36.9 110.6
157 93.1 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 19.904 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

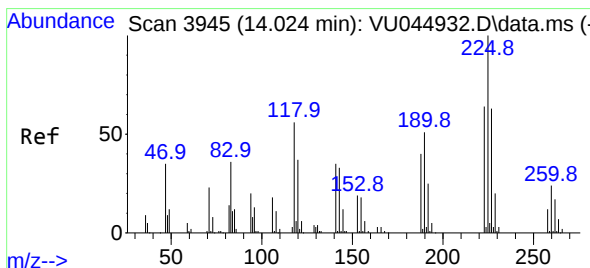
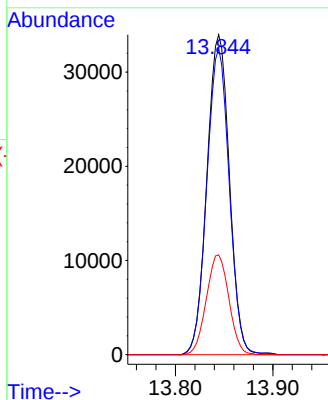
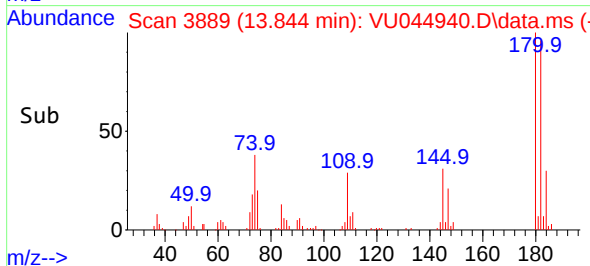
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



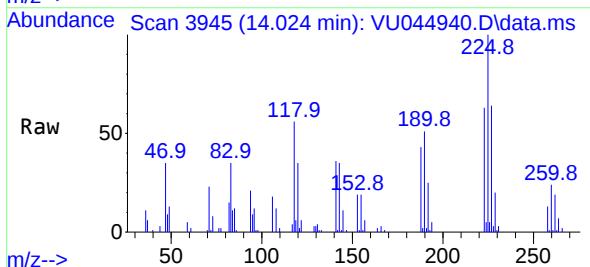
Tgt Ion:180 Resp: 54360
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 31.3 15.4 46.2

Manual Integrations
APPROVED

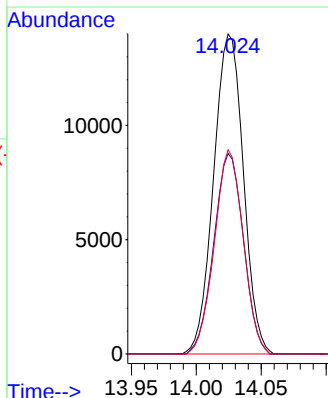
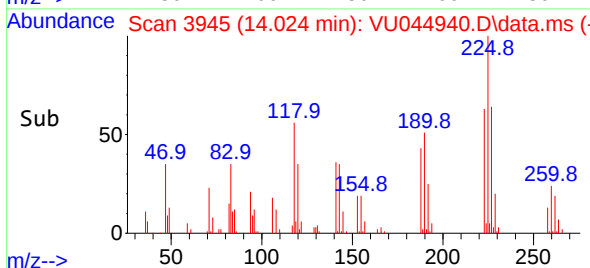
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

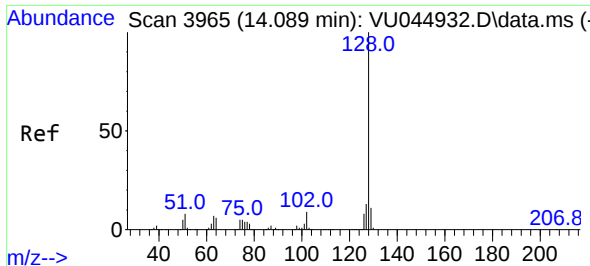


#94
Hexachlorobutadiene
Concen: 19.561 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



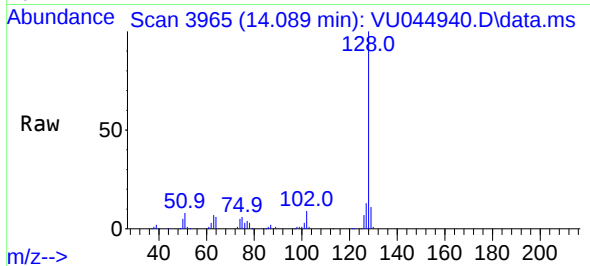
Tgt Ion:225 Resp: 22303
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.3
227 61.8 31.4 94.3





#95
Naphthalene
Concen: 20.129 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46

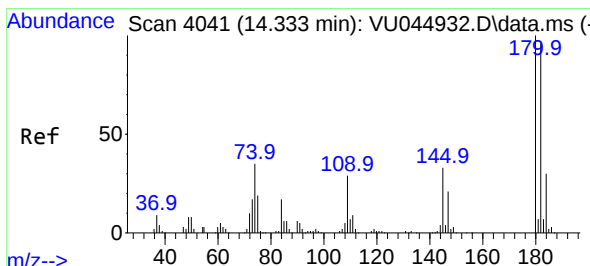
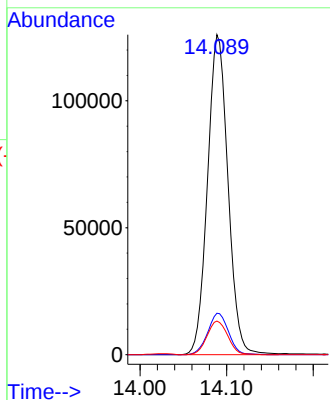
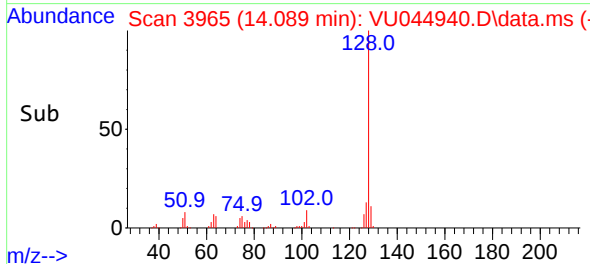
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBS01



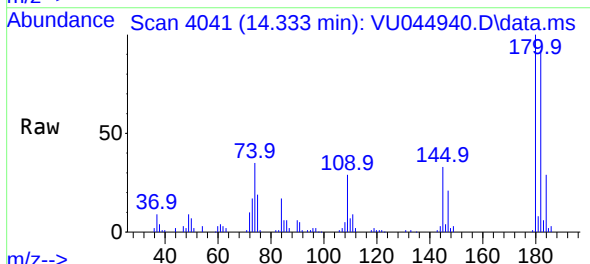
Tgt Ion:128 Resp: 206784
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.105 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044940.D
Acq: 28 Sep 2021 14:46



Tgt Ion:180 Resp: 55150
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.4
145 33.0 16.4 49.2

