

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044982.D
 Acq On : 29 Sep 2021 08:04
 Operator : SY/MD
 Sample : VU0928WBSD03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD03

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 08:47:33 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	105814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	221599	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	208241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	94437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	136378	77.426	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 154.860%#			
35) Dibromofluoromethane	5.295	113	89596	64.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 128.180%#			
50) Toluene-d8	7.902	98	288259	52.189	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.380%			
62) 4-Bromofluorobenzene	10.635	95	108523	47.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	16691	12.738	ug/l	99
3) Chloromethane	1.523	50	41350	24.363	ug/l	100
4) Vinyl Chloride	1.607	62	36602	21.598	ug/l	100
5) Bromomethane	1.858	94	32329	48.633	ug/l	98
6) Chloroethane	1.938	64	28455	21.857	ug/l	98
7) Trichlorofluoromethane	2.141	101	35075	15.672	ug/l	99
8) Diethyl Ether	2.382	74	29747	29.003	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	17204	13.517	ug/l	98
10) Methyl Iodide	2.729	142	24549	18.071	ug/l	95
11) Tert butyl alcohol	3.179	59	48993	96.914	ug/l	98
12) 1,1-Dichloroethene	2.584	96	25244	20.122	ug/l	96
13) Acrolein	2.488	56	12245	125.801	ug/l	100
14) Allyl chloride	2.928	41	54950	23.668	ug/l	97
15) Acrylonitrile	3.317	53	144808	142.033	ug/l	100
16) Acetone	2.629	43	124300	118.886	ug/l	99
17) Carbon Disulfide	2.800	76	71496	19.305	ug/l	100
18) Methyl Acetate	2.951	43	87408	28.604	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	136824	28.252	ug/l	99
20) Methylene Chloride	3.051	84	42461	26.963	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	30850	22.479	ug/l	94
22) Diisopropyl ether	3.999	45	127472	26.892	ug/l	95
23) Vinyl Acetate	3.960	43	532669	138.171	ug/l	98
24) 1,1-Dichloroethane	3.877	63	70347	25.852	ug/l	99
25) 2-Butanone	4.706	43	190466	128.220	ug/l	99
26) 2,2-Dichloropropane	4.674	77	31031	13.488	ug/l	92
27) cis-1,2-Dichloroethene	4.671	96	40320	24.875	ug/l	93
28) Bromochloromethane	4.980	49	29951	26.556	ug/l	96
29) Tetrahydrofuran	5.054	42	123586	139.762	ug/l	96
30) Chloroform	5.096	83	70614	25.747	ug/l	98
31) Cyclohexane	5.391	56	35781	13.373	ug/l #	95
32) 1,1,1-Trichloroethane	5.324	97	46854	20.705	ug/l	98
36) 1,1-Dichloropropene	5.533	75	37268	16.082	ug/l	99
37) Ethyl Acetate	4.809	43	73085	23.836	ug/l	98
38) Carbon Tetrachloride	5.530	117	31773	15.845	ug/l	96
39) Methylcyclohexane	6.767	83	30022	10.553	ug/l	96
40) Benzene	5.780	78	141980	20.571	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	37655	23.855	ug/l	96
42) 1,2-Dichloroethane	5.800	62	65027	23.970	ug/l	100
43) Isopropyl Acetate	5.915	43	110366	23.925	ug/l	99
44) Trichloroethene	6.546	130	28770	17.679	ug/l	96
45) 1,2-Dichloropropane	6.796	63	40895	22.348	ug/l	98
46) Dibromomethane	6.922	93	29896	24.252	ug/l	100
47) Bromodichloromethane	7.111	83	54983	22.972	ug/l	98
48) Methyl methacrylate	6.964	41	50507	22.494	ug/l	94
49) 1,4-Dioxane	6.967	88	14774	227.308	ug/l	91
51) 4-Methyl-2-Pentanone	7.793	43	369698	110.086	ug/l	99
52) Toluene	7.973	92	79548	18.415	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	55278	20.196	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	58808	20.627	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	41297	22.944	ug/l	99
56) Ethyl methacrylate	8.337	69	67061	20.310	ug/l	99
57) 1,3-Dichloropropane	8.581	76	72536	22.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	84438	90.849	ug/l	99
59) 2-Hexanone	8.687	43	286179	104.646	ug/l	99
60) Dibromochloromethane	8.816	129	37803	21.122	ug/l	98
61) 1,2-Dibromoethane	8.928	107	43125	22.540	ug/l	100
64) Tetrachloroethene	8.558	164	22552	16.593	ug/l	96
65) Chlorobenzene	9.452	112	81716	18.717	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.539	131	30066	19.725	ug/l	97
67) Ethyl Benzene	9.574	91	130993	16.305	ug/l	99
68) m/p-Xylenes	9.697	106	100324	32.143	ug/l	98
69) o-Xylene	10.105	106	52088	16.815	ug/l	100
70) Styrene	10.118	104	91364	17.581	ug/l	99
71) Bromoform	10.295	173	26777	19.032	ug/l #	97
73) Isopropylbenzene	10.488	105	115506	16.424	ug/l	99
74) N-amyl acetate	10.324	43	81225	22.938	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	71054	23.351	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	69380m	25.187	ug/l	
77) Bromobenzene	10.787	156	34440	20.281	ug/l	99
78) n-propylbenzene	10.909	91	137707	16.068	ug/l	98
79) 2-Chlorotoluene	10.989	91	93537	17.412	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	101802	16.524	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	17273	17.402	ug/l	96
82) 4-Chlorotoluene	11.098	91	104069	17.139	ug/l	99
83) tert-Butylbenzene	11.423	119	90226	15.057	ug/l	100
84) 1,2,4-Trimethylbenzene	11.471	105	110677	18.158	ug/l	98
85) sec-Butylbenzene	11.648	105	111198	14.409	ug/l	100
86) p-Isopropyltoluene	11.796	119	90813	14.629	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	57483	17.676	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	59195	17.794	ug/l	97
89) n-Butylbenzene	12.214	91	77743	13.597	ug/l	100
90) Hexachloroethane	12.481	117	15597	13.914	ug/l	94
91) 1,2-Dichlorobenzene	12.217	146	63376	19.064	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	17322	24.126	ug/l	96
93) 1,2,4-Trichlorobenzene	13.844	180	32250	17.408	ug/l	98
94) Hexachlorobutadiene	14.024	225	9935	12.846	ug/l	99
95) Naphthalene	14.089	128	143818	20.640	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	35229	18.934	ug/l	98

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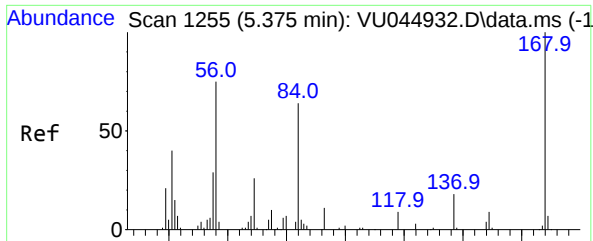
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APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

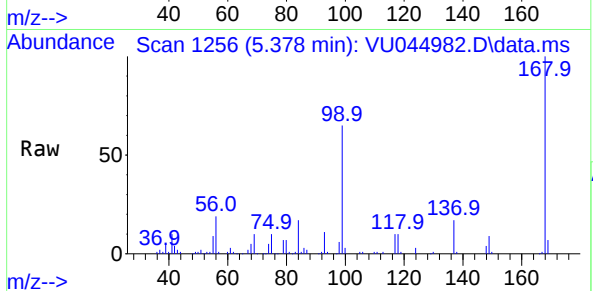
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044982.D
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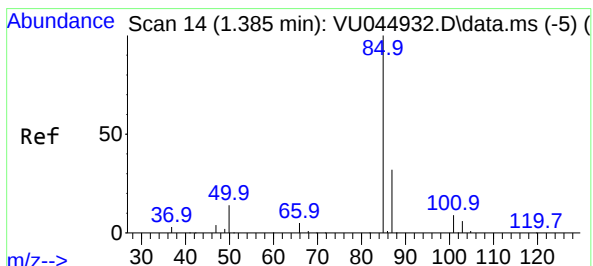
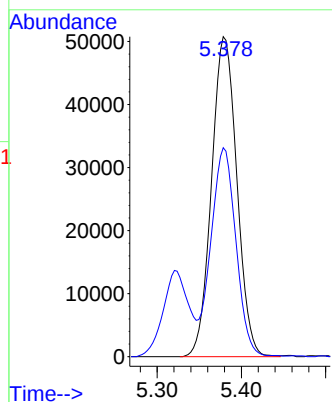
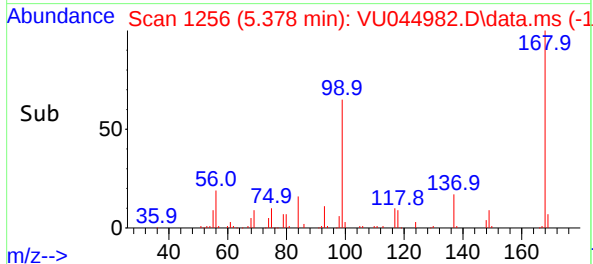
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



Tgt Ion:168 Resp: 105814
Ion Ratio Lower Upper
168 100
99 65.0 51.4 77.0

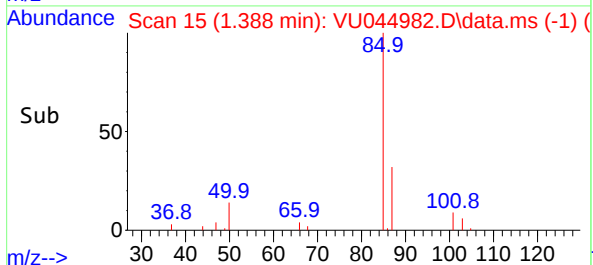
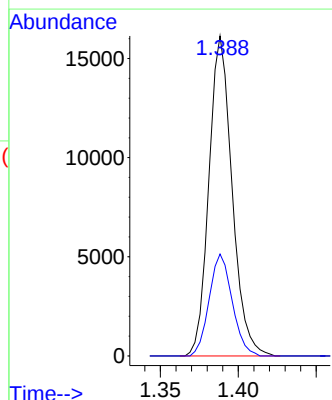
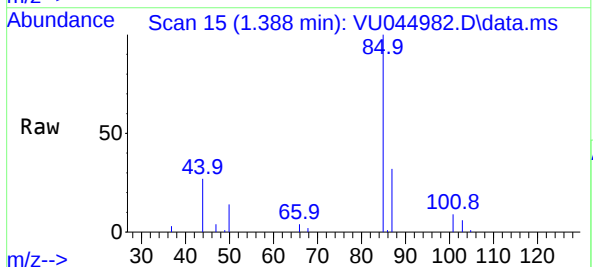
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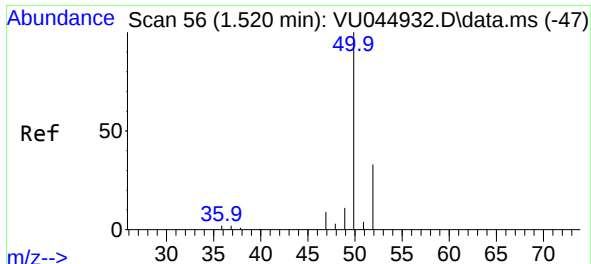
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#2
Dichlorodifluoromethane
Concen: 12.738 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

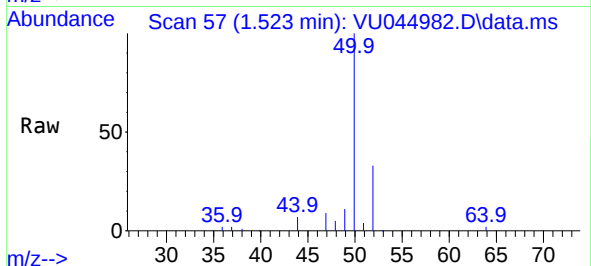
Tgt Ion: 85 Resp: 16691
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





#3
Chloromethane
Concen: 24.363 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

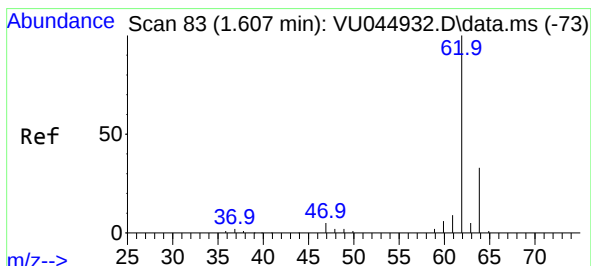
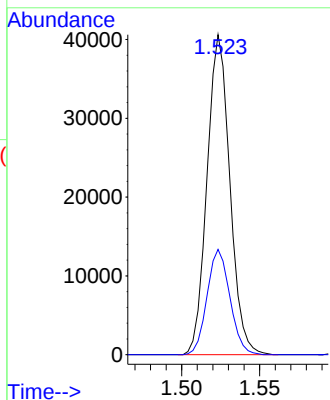
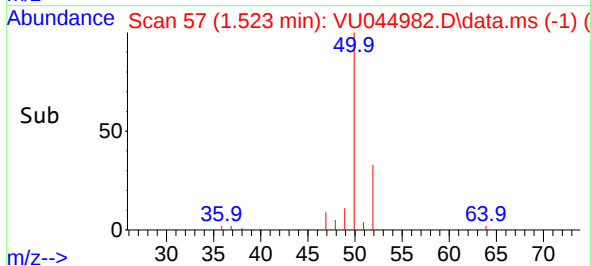
Instrument :
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Tgt Ion: 50 Resp: 41350
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

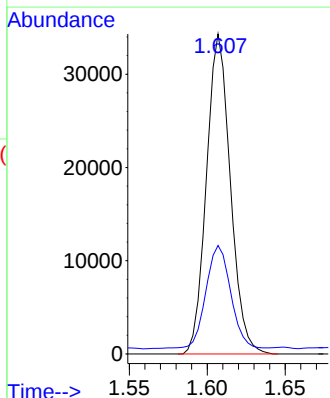
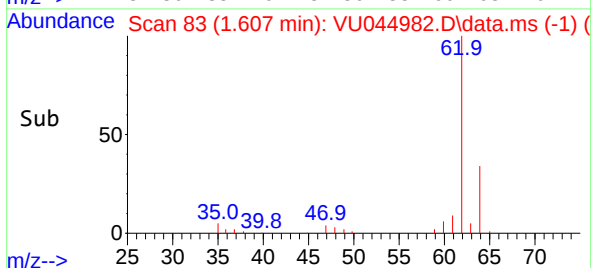
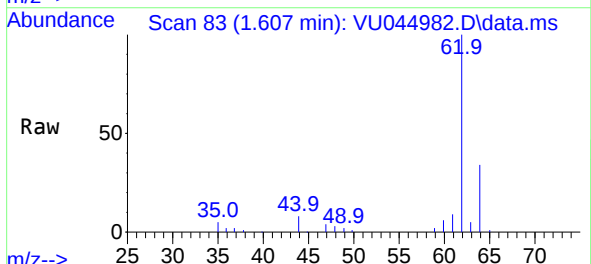
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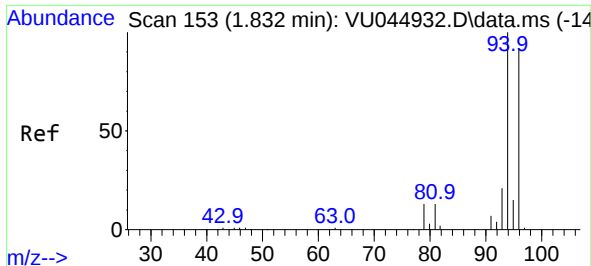
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#4
Vinyl Chloride
Concen: 21.598 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

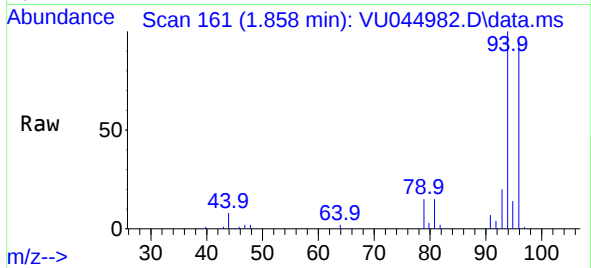
Tgt Ion: 62 Resp: 36602
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4





#5
Bromomethane
Concen: 48.633 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.026 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

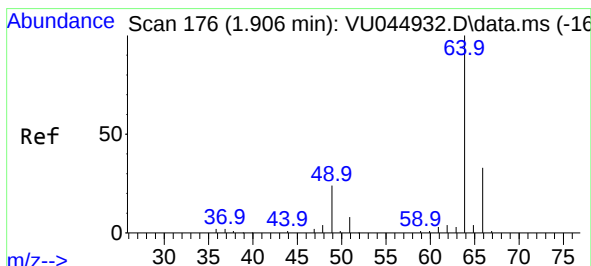
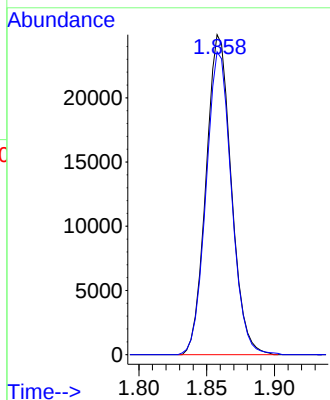
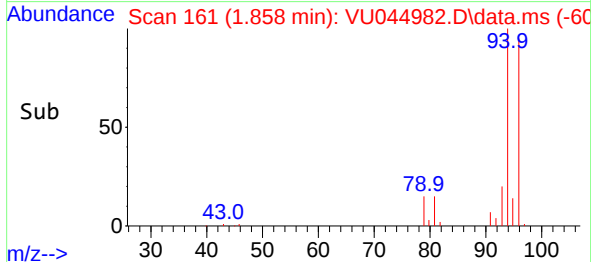
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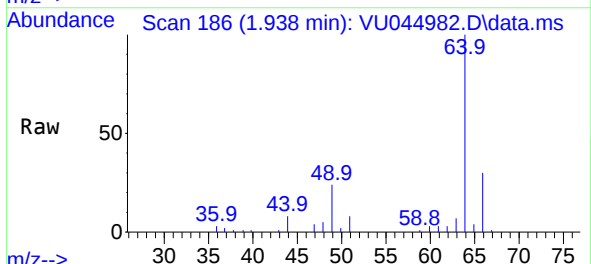
Tgt Ion: 94 Resp: 32329
Ion Ratio Lower Upper
94 100
96 94.7 74.5 111.7

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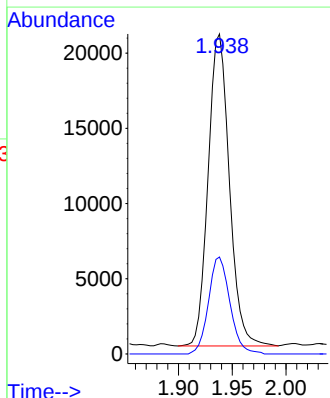
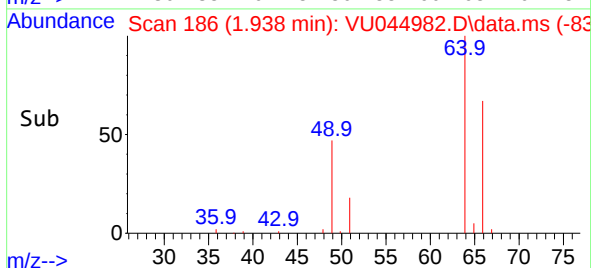
Reviewed By :John Carlone 09/29/2021
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#6
Chloroethane
Concen: 21.857 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.032 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



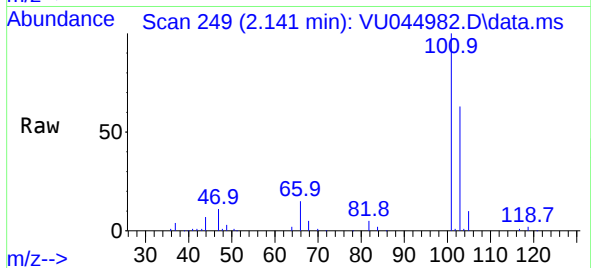
Tgt Ion: 64 Resp: 28455
Ion Ratio Lower Upper
64 100
66 31.1 25.8 38.8





#7
Trichlorofluoromethane
Concen: 15.672 ug/l
RT: 2.141 min Scan# 244
Delta R.T. 0.017 min
Lab File: VU044982.D
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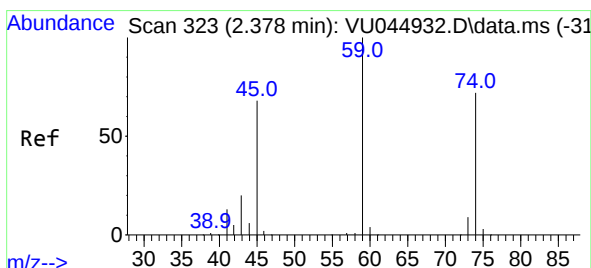
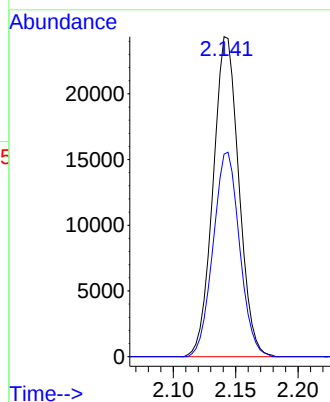
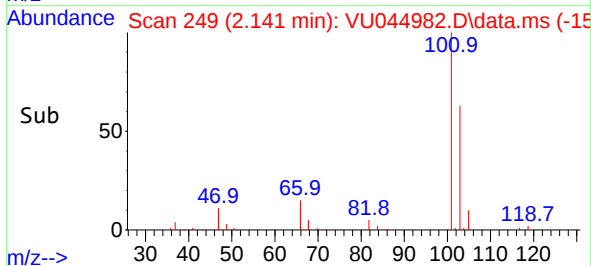
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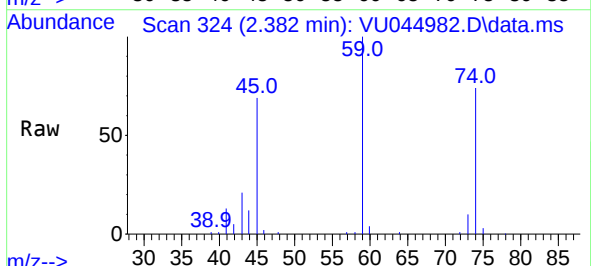
Tgt Ion:101 Resp: 35075
Ion Ratio Lower Upper
101 100
103 63.3 51.2 76.8

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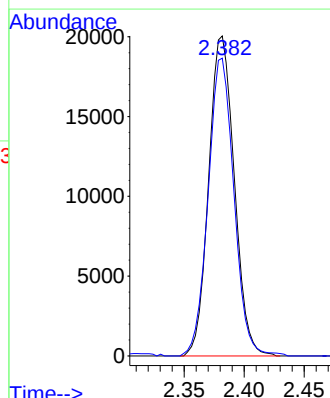
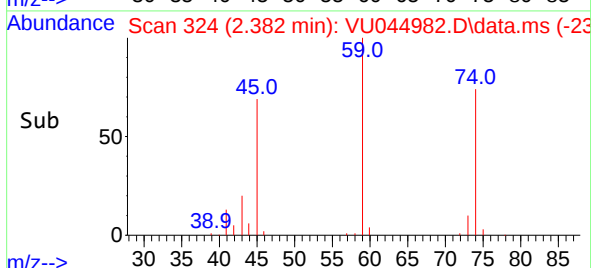
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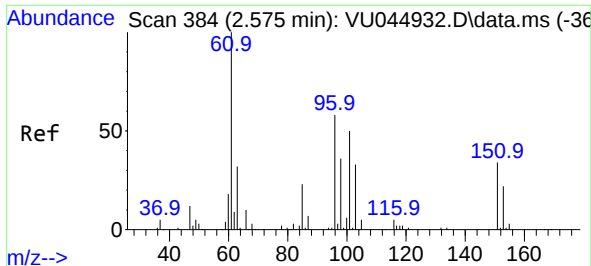


#8
Diethyl Ether
Concen: 29.003 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.004 min
Lab File: VU044982.D
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Tgt Ion: 74 Resp: 29747
Ion Ratio Lower Upper
74 100
45 94.0 52.2 156.6





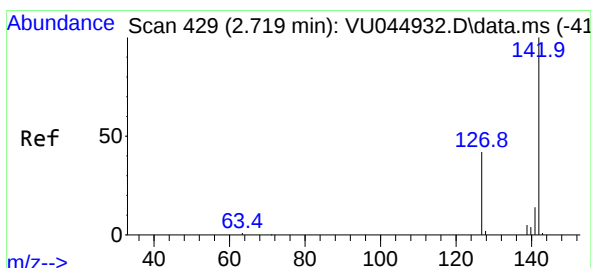
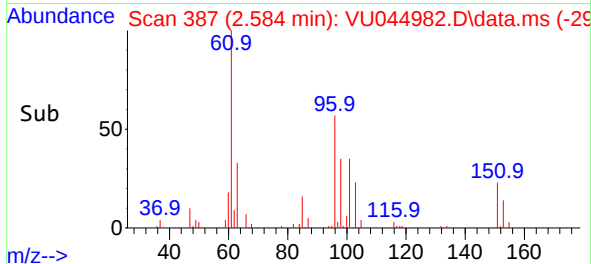
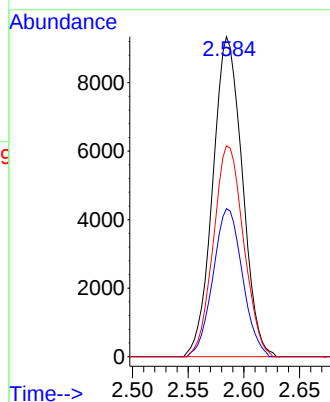
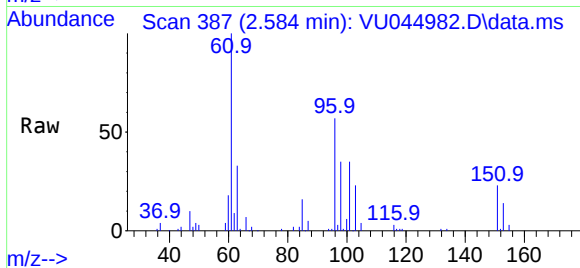
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.517 ug/l
RT: 2.584 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

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Tgt Ion:101 Resp: 17204
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 67.5 55.8 83.8

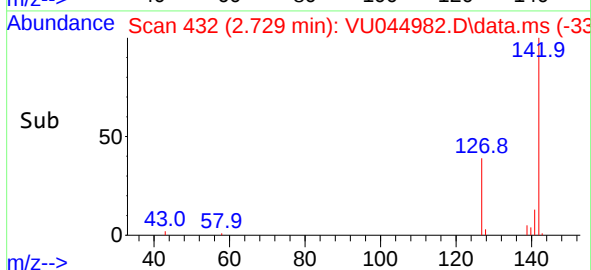
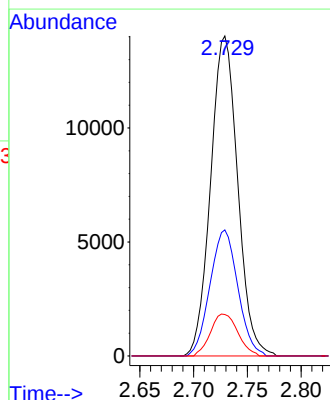
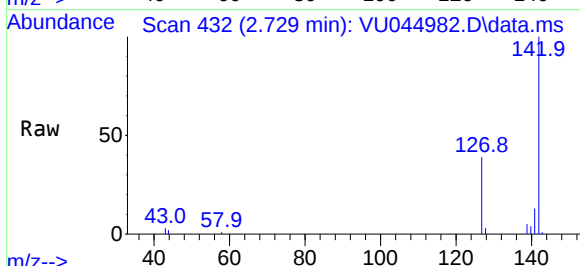
Manual Integrations
APPROVED

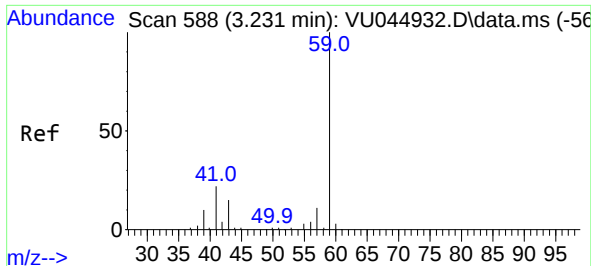
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 18.071 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.010 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

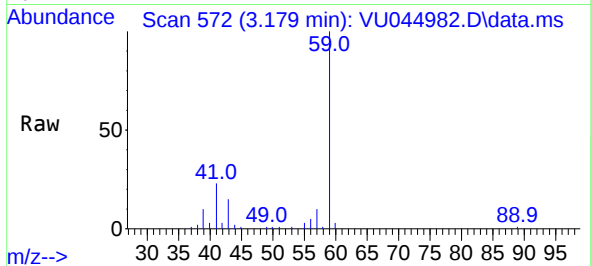
Tgt Ion:142 Resp: 24549
Ion Ratio Lower Upper
142 100
127 40.6 35.6 53.4
141 13.3 11.3 16.9





#11
Tert butyl alcohol
Concen: 96.914 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.052 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

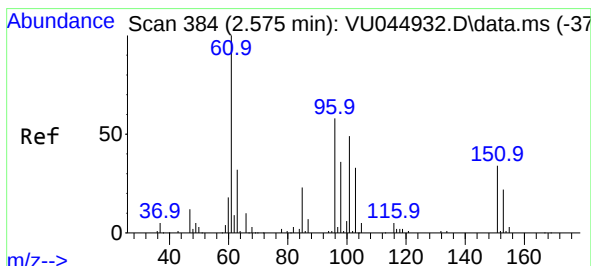
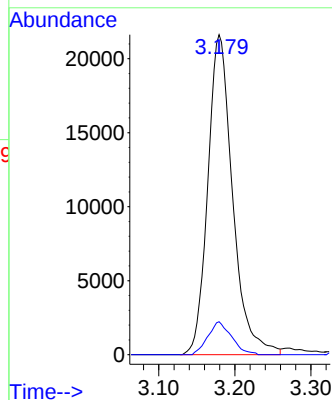
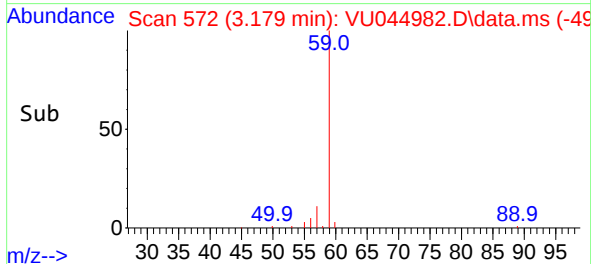
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



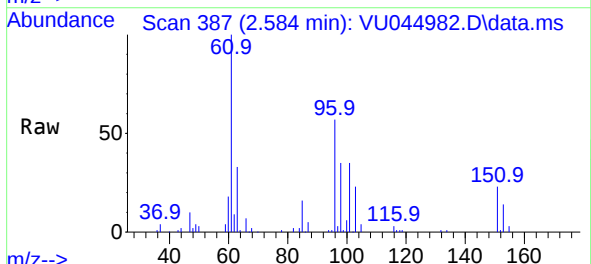
Tgt Ion: 59 Resp: 4899
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

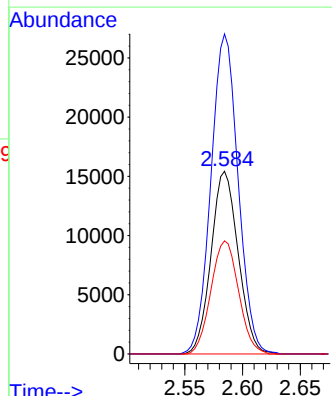
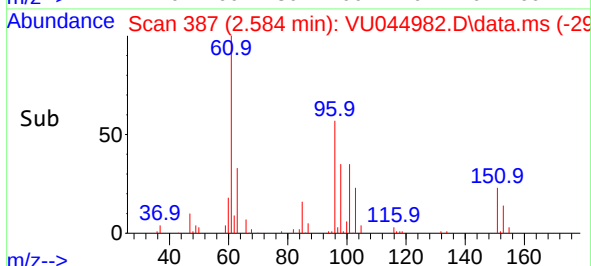
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

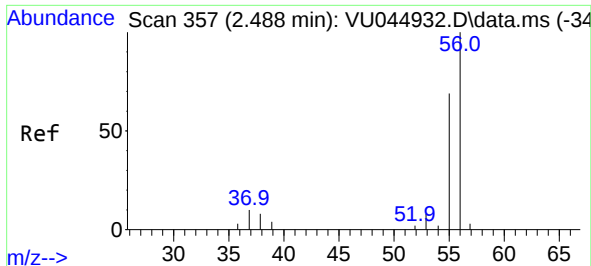


#12
1,1-Dichloroethene
Concen: 20.122 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



Tgt Ion: 96 Resp: 25244
Ion Ratio Lower Upper
96 100
61 175.2 145.4 218.0
98 61.9 50.9 76.3





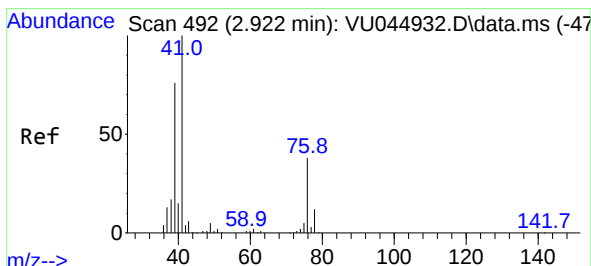
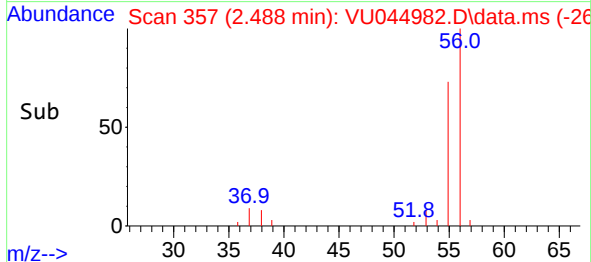
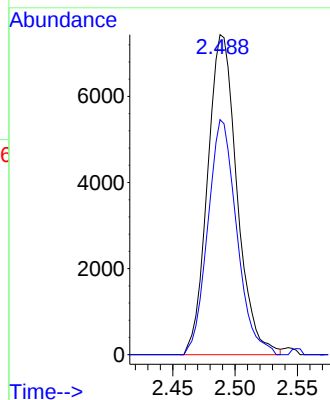
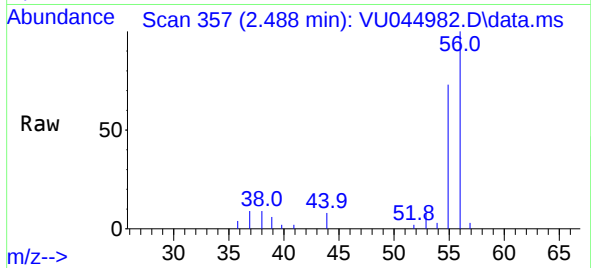
#13
Acrolein
Concen: 125.801 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion: 56 Resp: 12245
Ion Ratio Lower Upper
56 100
55 72.1 57.4 86.0

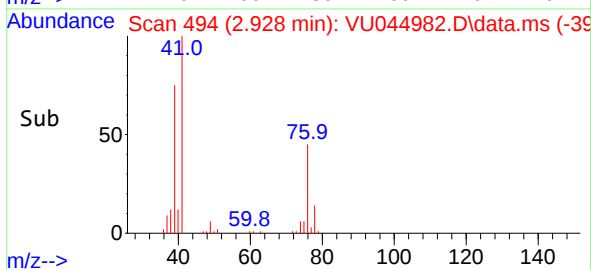
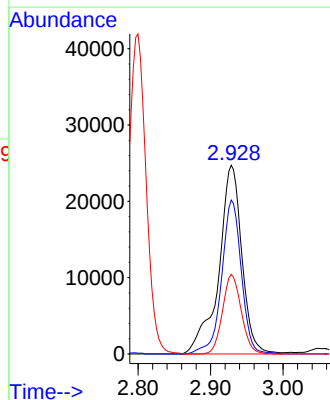
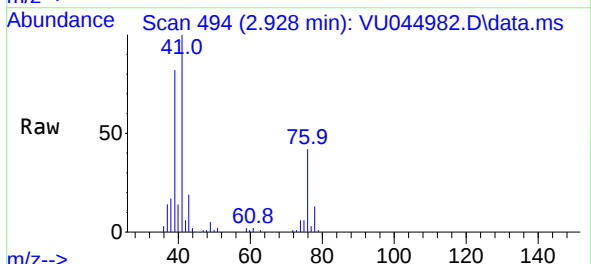
Manual Integrations
APPROVED

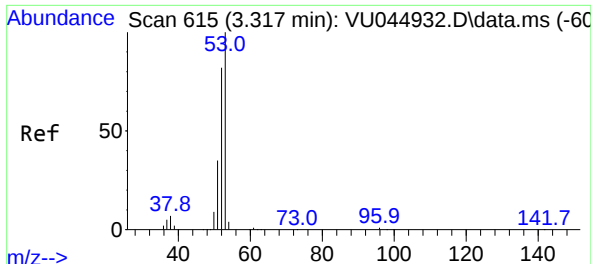
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#14
Allyl chloride
Concen: 23.668 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

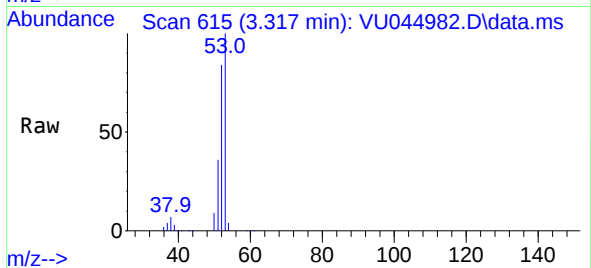
Tgt Ion: 41 Resp: 54950
Ion Ratio Lower Upper
41 100
39 69.1 53.0 79.6
76 33.8 25.7 38.5





#15
Acrylonitrile
Concen: 142.033 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

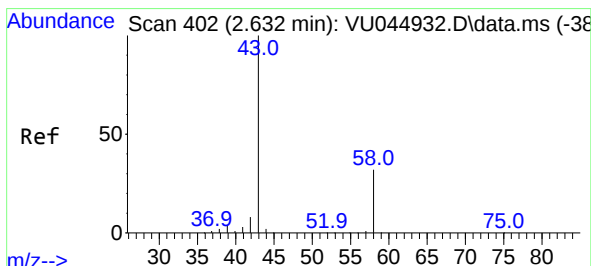
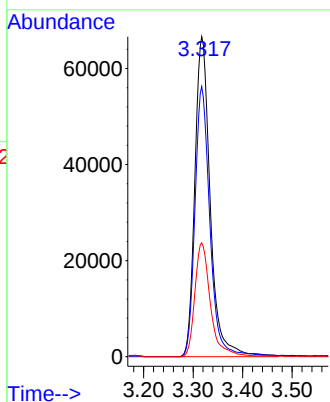
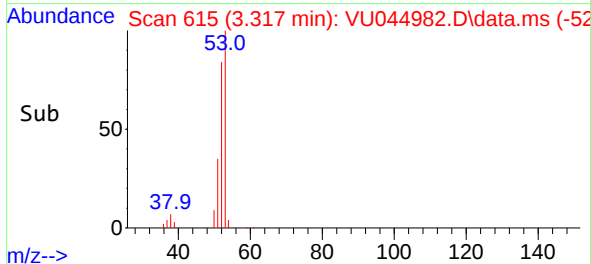
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



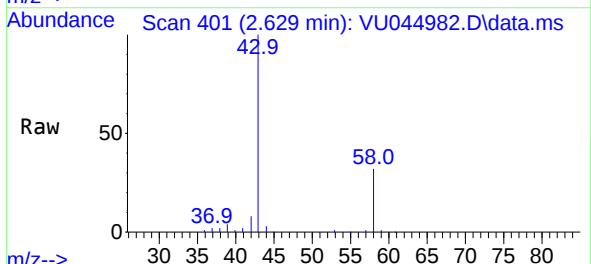
Tgt Ion: 53 Resp: 144800
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 36.0 28.6 42.8

Manual Integrations
APPROVED

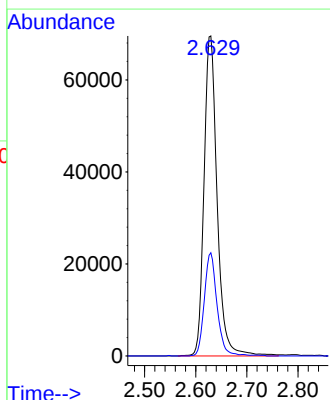
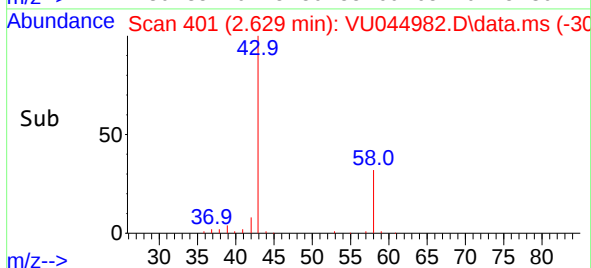
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

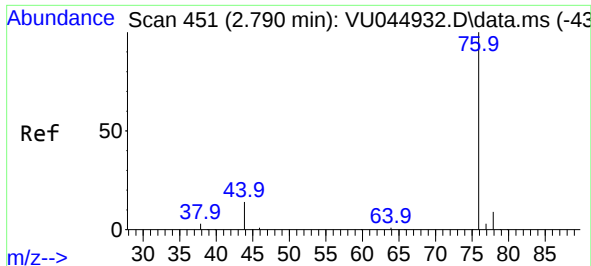


#16
Acetone
Concen: 118.886 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



Tgt Ion: 43 Resp: 124300
Ion Ratio Lower Upper
43 100
58 32.3 25.2 37.8





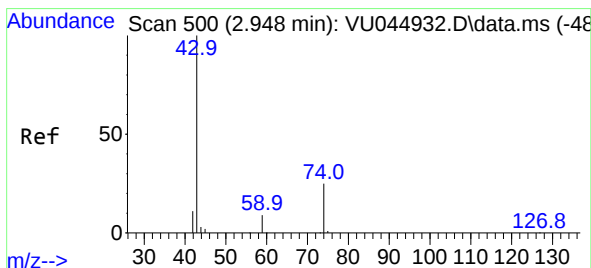
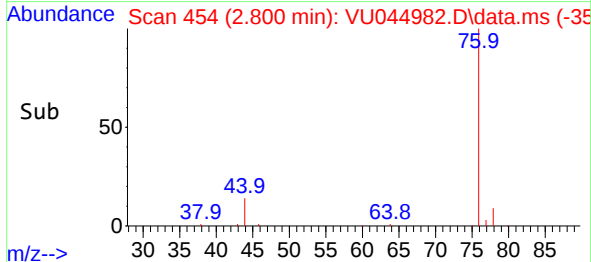
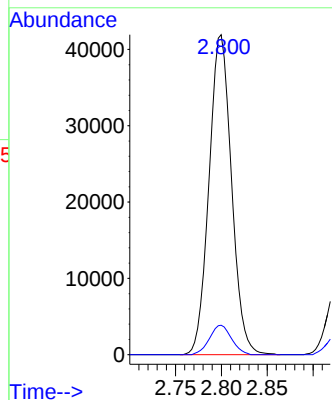
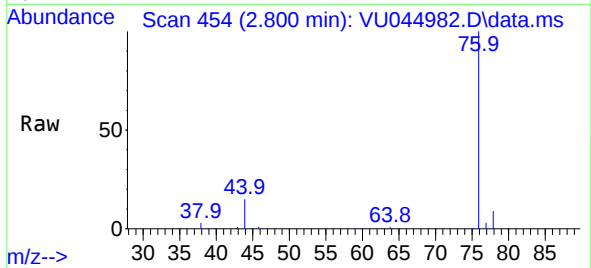
#17
Carbon Disulfide
Concen: 19.305 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion: 76 Resp: 71490
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

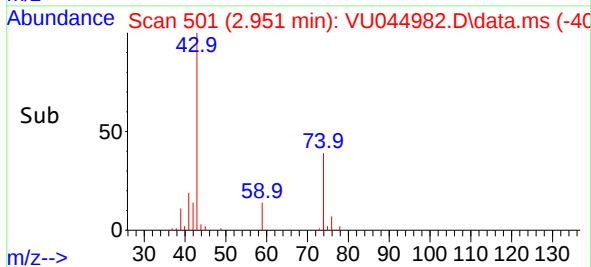
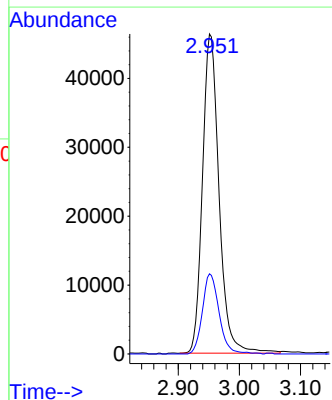
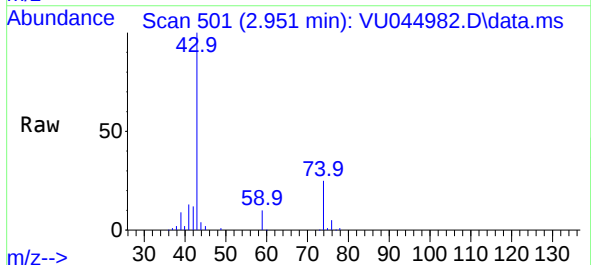
Manual Integrations
APPROVED

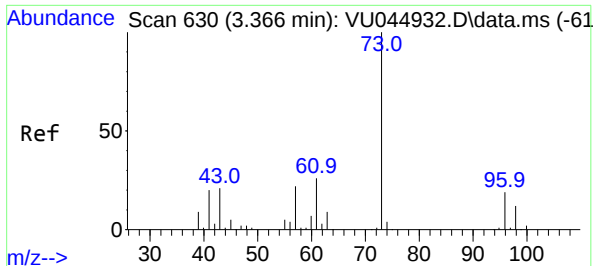
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#18
Methyl Acetate
Concen: 28.604 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Tgt Ion: 43 Resp: 87408
Ion Ratio Lower Upper
43 100
74 25.0 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 28.252 ug/l

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD03

Tgt Ion: 73 Resp: 136824

Ion Ratio Lower Upper

73 100

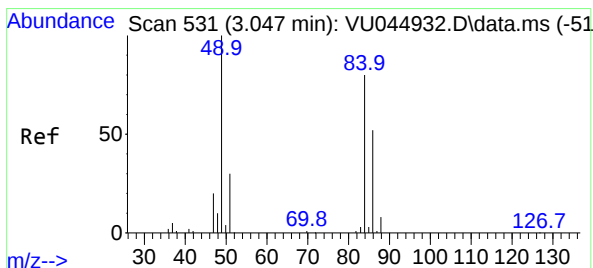
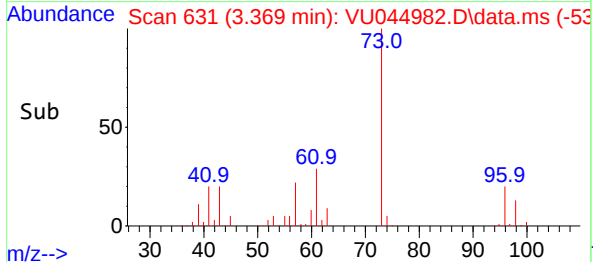
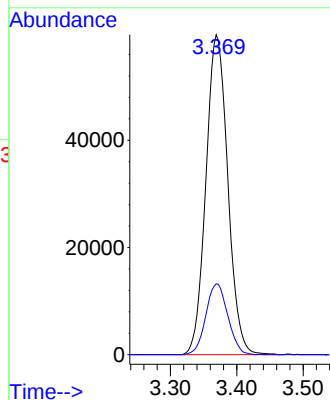
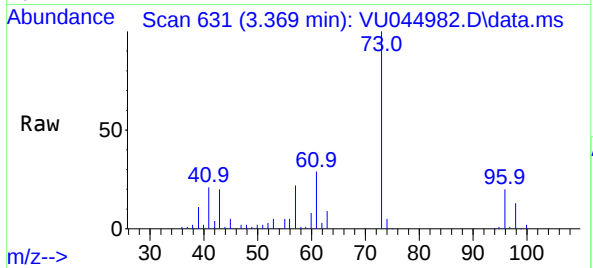
57 22.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#20

Methylene Chloride

Concen: 26.963 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.004 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

Tgt Ion: 84 Resp: 42461

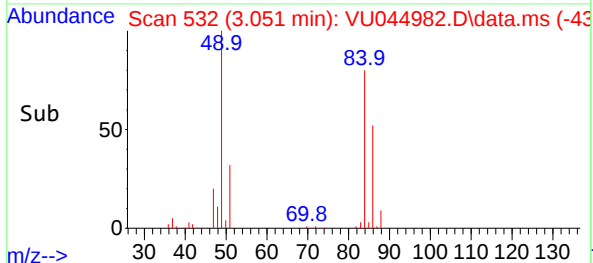
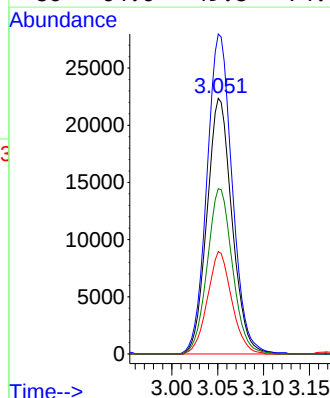
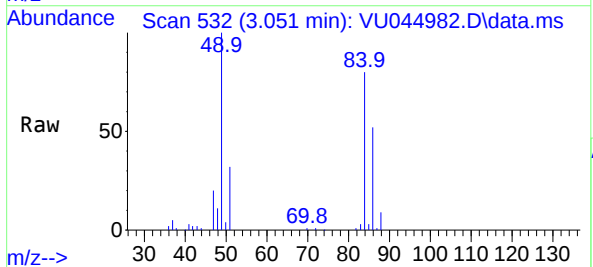
Ion Ratio Lower Upper

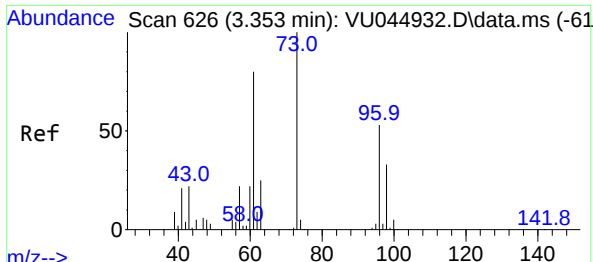
84 100

49 125.2 104.9 157.3

51 40.0 31.8 47.8

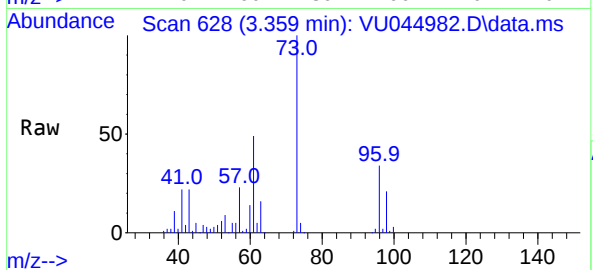
86 64.6 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 22.479 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

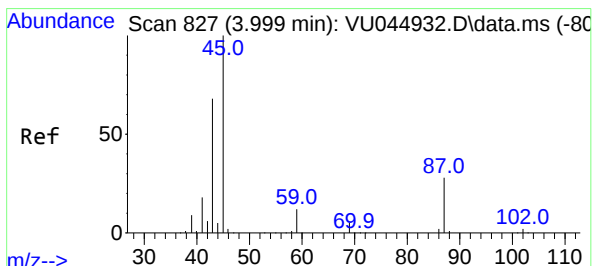
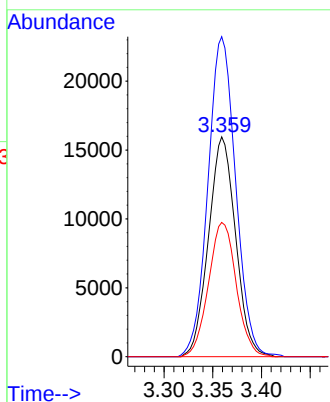
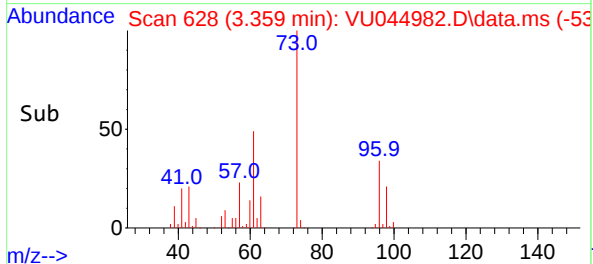
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



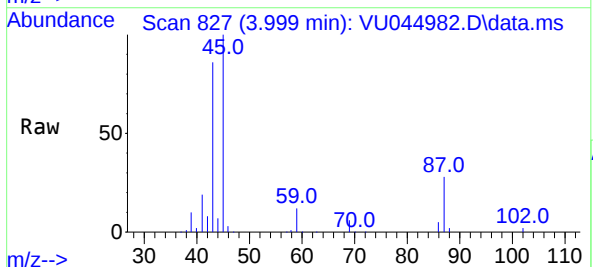
Tgt Ion: 96 Resp: 30850
Ion Ratio Lower Upper
96 100
61 145.6 123.2 184.8
98 61.1 51.0 76.6

Manual Integrations
APPROVED

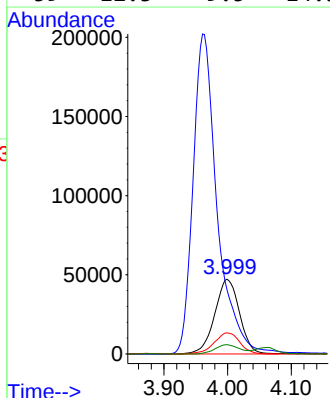
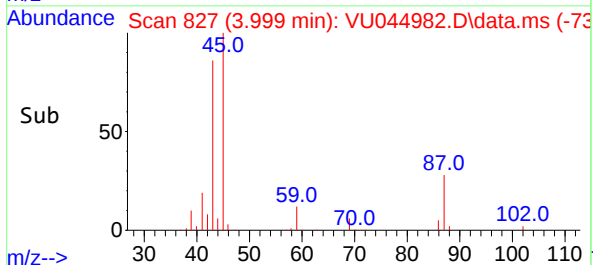
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

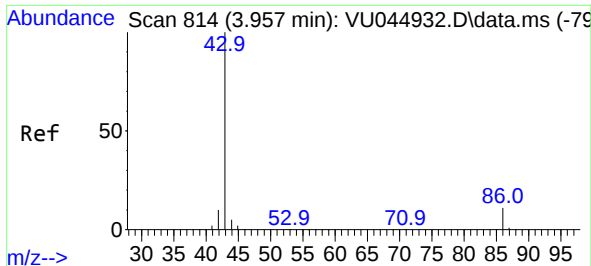


#22
Diisopropyl ether
Concen: 26.892 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



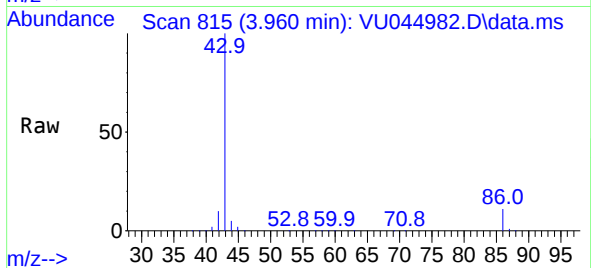
Tgt Ion: 45 Resp: 127472
Ion Ratio Lower Upper
45 100
43 82.5 62.3 93.5
87 28.2 21.0 31.4
59 12.3 9.5 14.3





#23
 Vinyl Acetate
 Concen: 138.171 ug/l
 RT: 3.960 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU044982.D
 Acq: 29 Sep 2021 08:04

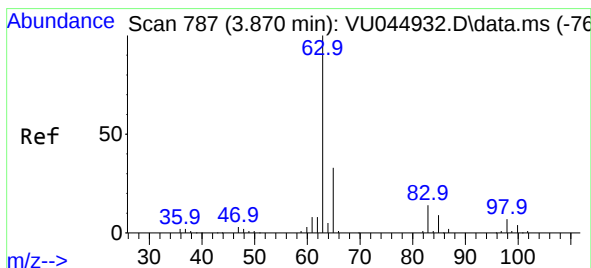
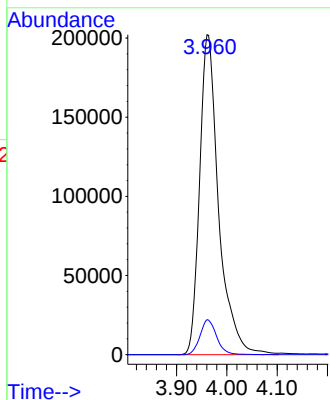
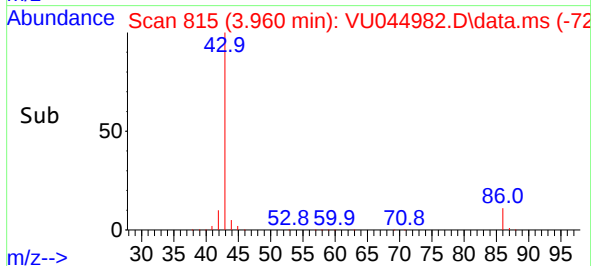
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD03



Tgt Ion: 43 Resp: 53266
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.4

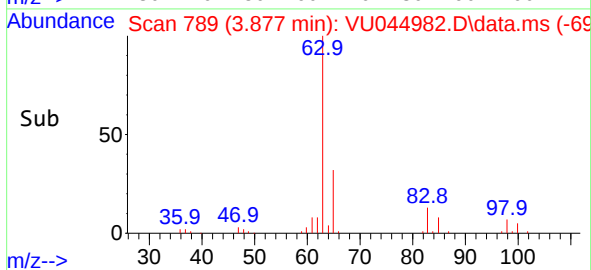
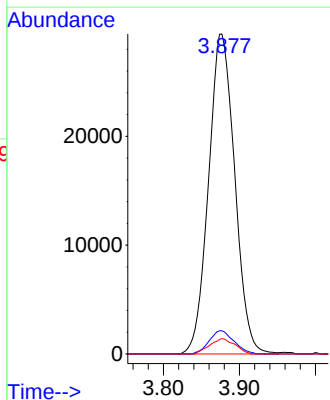
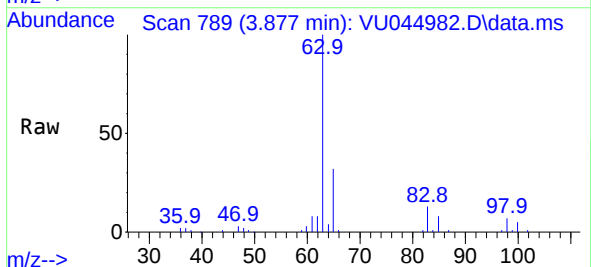
Manual Integrations
 APPROVED

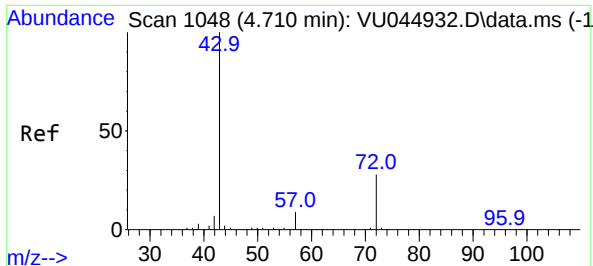
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#24
 1,1-Dichloroethane
 Concen: 25.852 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.007 min
 Lab File: VU044982.D
 Acq: 29 Sep 2021 08:04

Tgt Ion: 63 Resp: 70347
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.8 2.1 6.3





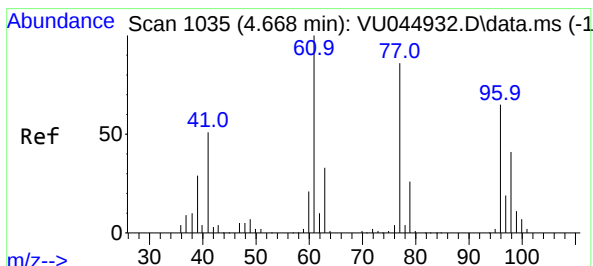
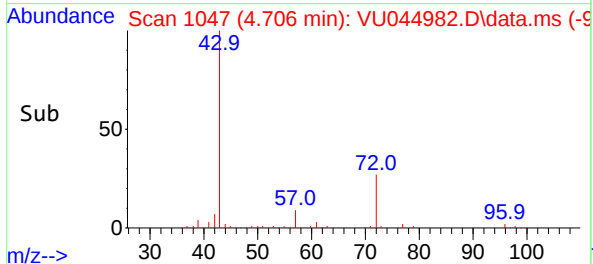
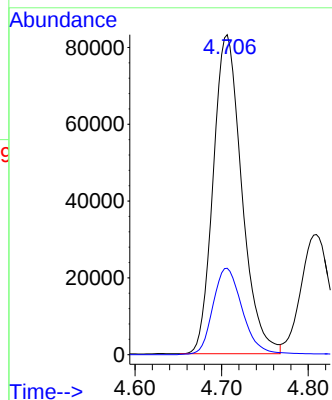
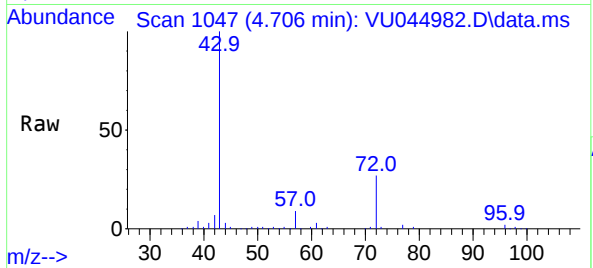
#25
2-Butanone
Concen: 128.220 ug/l
RT: 4.706 min Scan# 1046
Delta R.T. -0.004 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion: 43 Resp: 190460
Ion Ratio Lower Upper
43 100
72 27.0 21.3 31.9

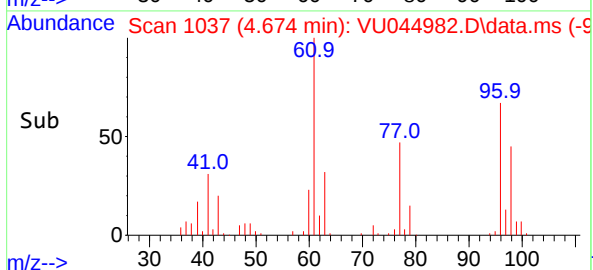
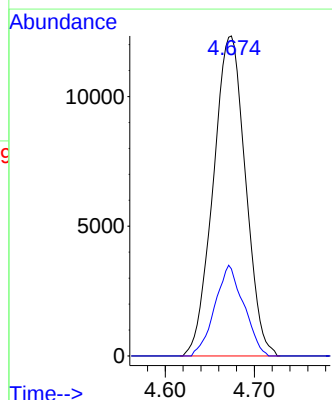
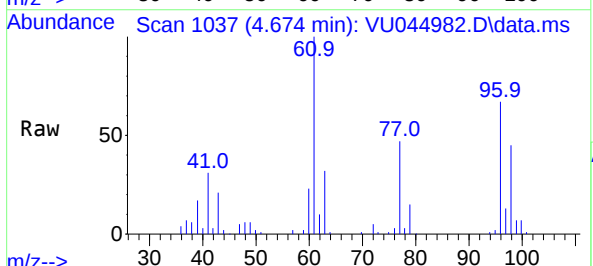
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 13.488 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

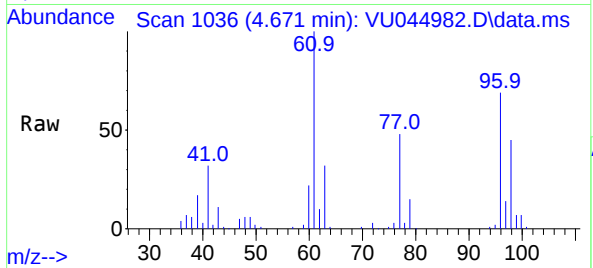
Tgt Ion: 77 Resp: 31031
Ion Ratio Lower Upper
77 100
97 25.4 10.8 32.4





cis-1,2-Dichloroethene
 Concen: 24.875 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU044982.D
 Acq: 29 Sep 2021 08:04

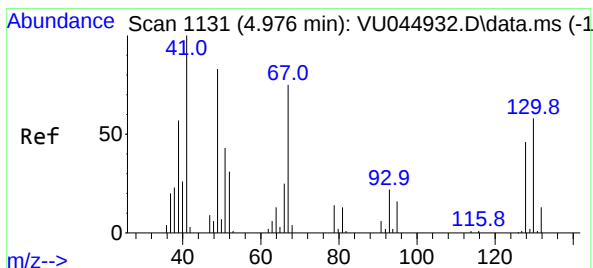
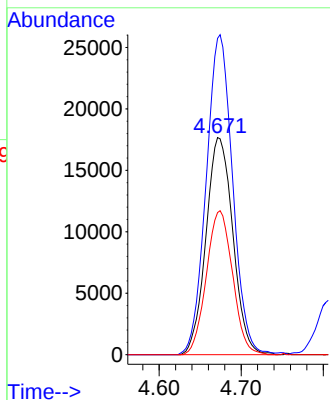
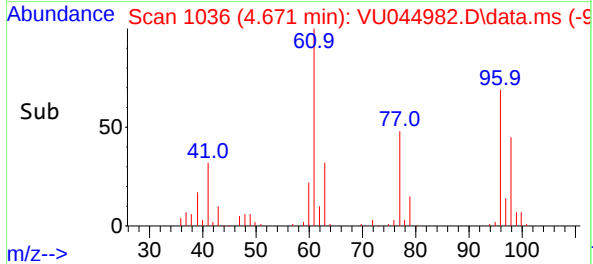
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD03



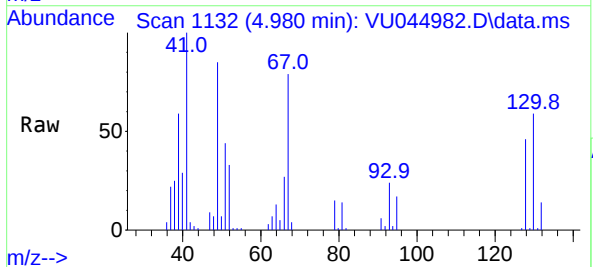
Tgt Ion: 96 Resp: 40320
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 313.4
 98 64.4 0.0 127.0

Manual Integrations
 APPROVED

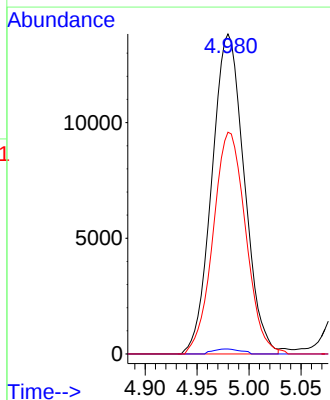
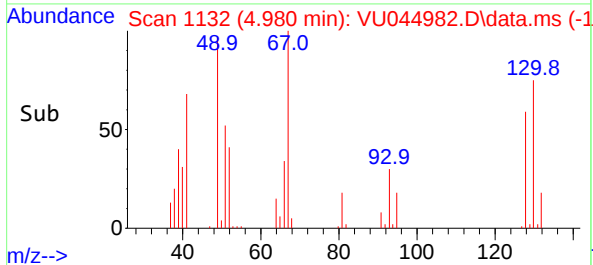
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

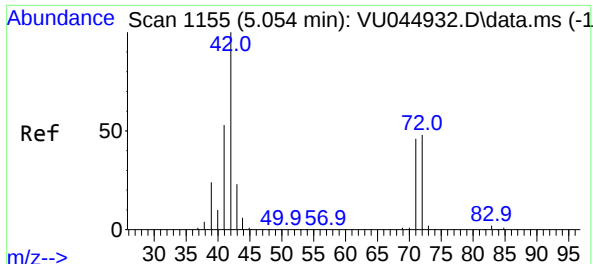


Bromochloromethane
 Concen: 26.556 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.004 min
 Lab File: VU044982.D
 Acq: 29 Sep 2021 08:04



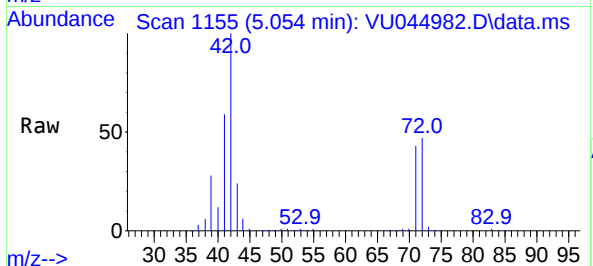
Tgt Ion: 49 Resp: 29951
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.2
 130 70.0 53.4 80.2





#29
Tetrahydrofuran
Concen: 139.762 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

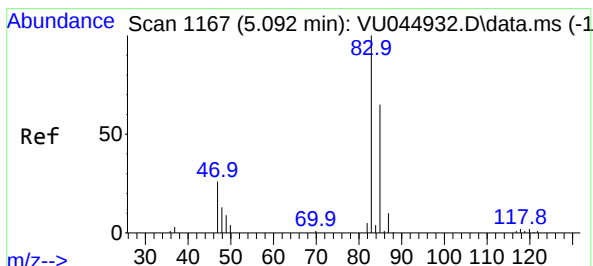
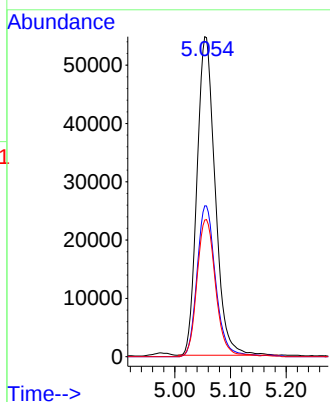
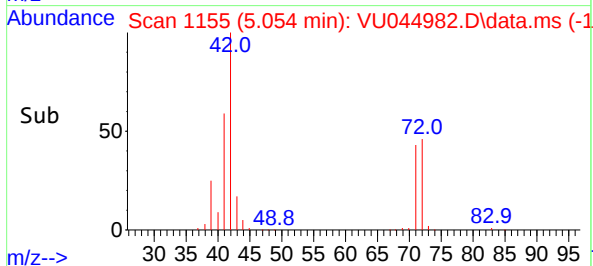
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



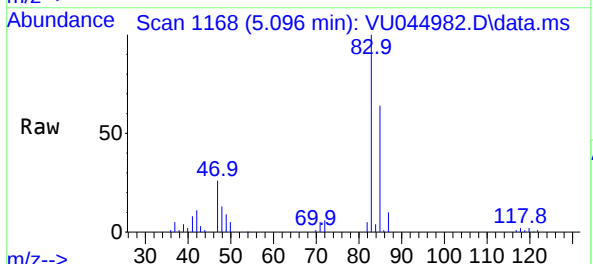
Tgt Ion: 42 Resp: 123580
Ion Ratio Lower Upper
42 100
72 48.6 36.2 54.4
71 44.2 34.1 51.1

Manual Integrations
APPROVED

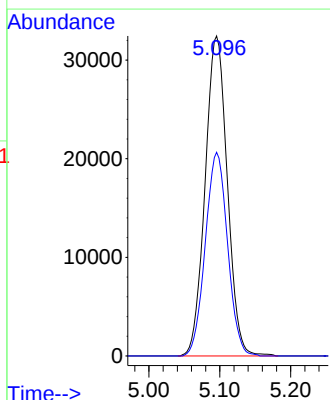
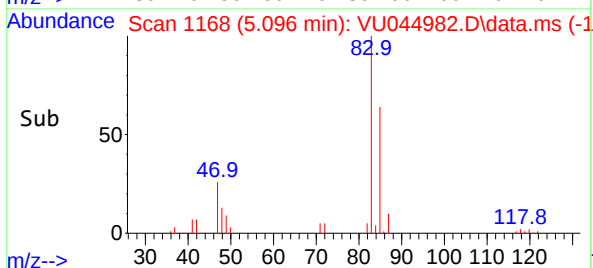
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

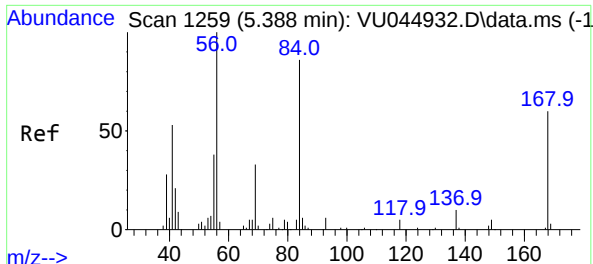


#30
Chloroform
Concen: 25.747 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.004 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



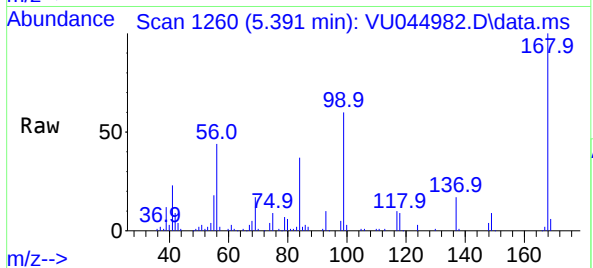
Tgt Ion: 83 Resp: 70614
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1





#31
Cyclohexane
Concen: 13.373 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

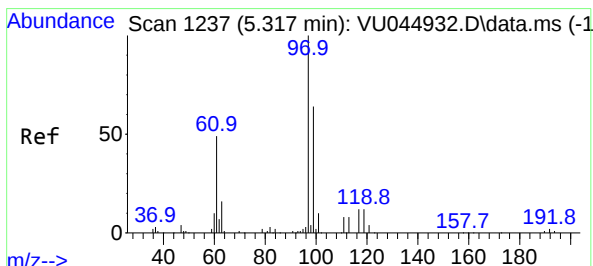
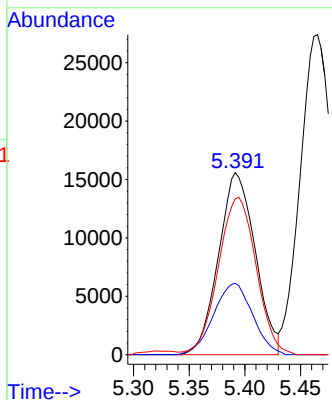
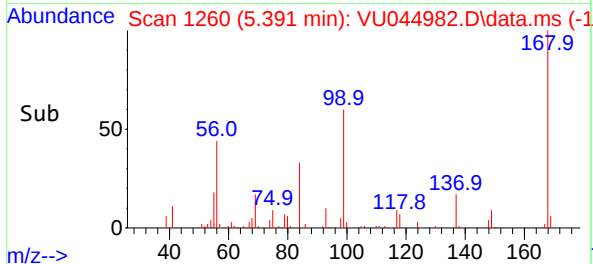
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



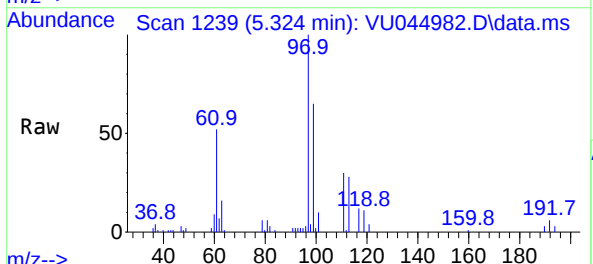
Tgt Ion: 56 Resp: 3578
Ion Ratio Lower Upper
56 100
69 39.2 25.2 37.8
84 84.1 66.4 99.6

Manual Integrations
APPROVED

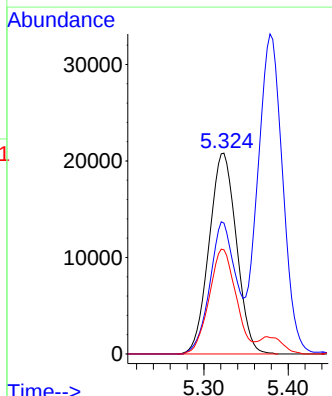
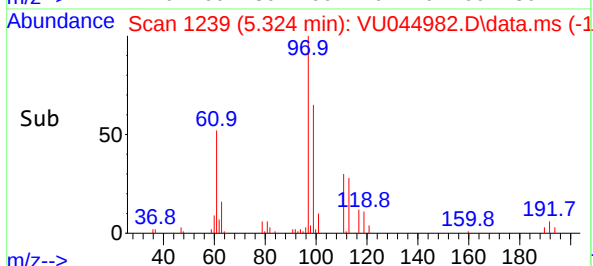
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#32
1,1,1-Trichloroethane
Concen: 20.705 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.007 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



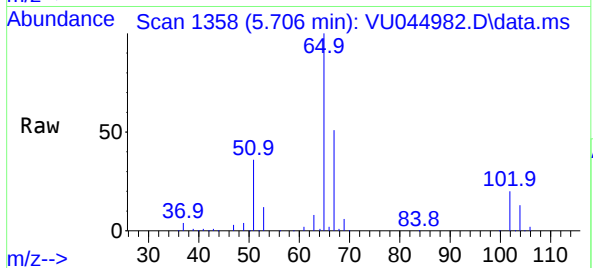
Tgt Ion: 97 Resp: 46854
Ion Ratio Lower Upper
97 100
99 61.5 50.9 76.3
61 51.5 40.7 61.1





#33
1,2-Dichloroethane-d4
Concen: 77.426 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

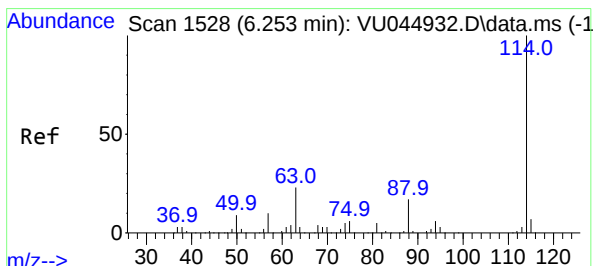
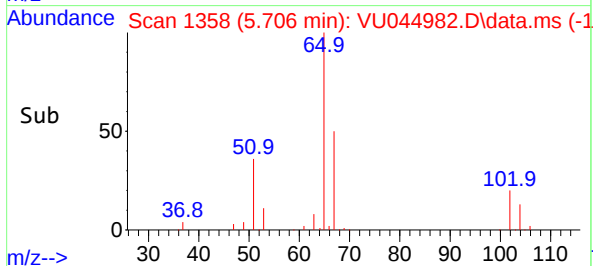
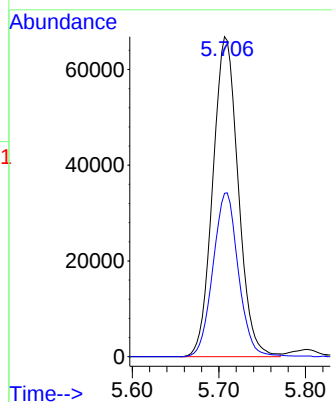
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



Tgt Ion: 65 Resp: 136378
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

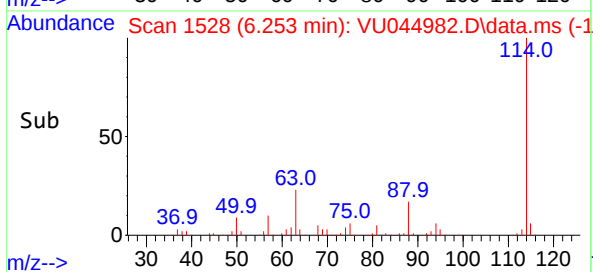
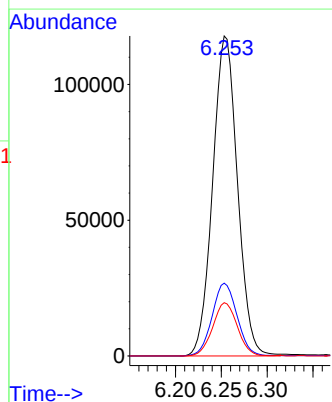
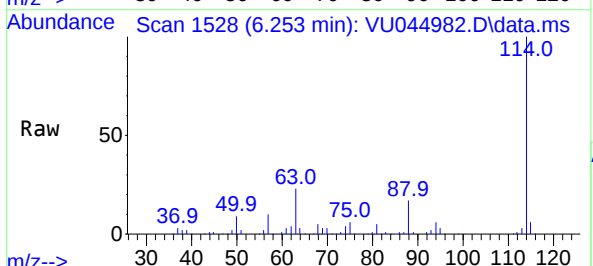
Manual Integrations
APPROVED

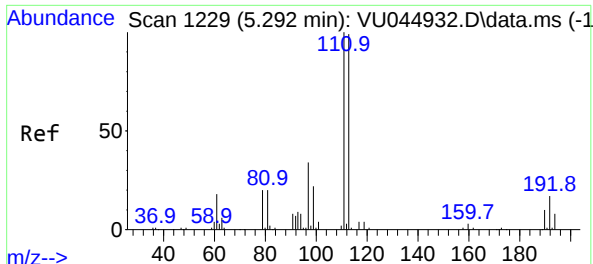
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

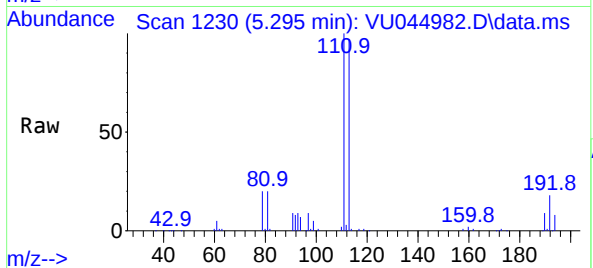
Tgt Ion:114 Resp: 221599
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.8
88 16.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 64.092 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

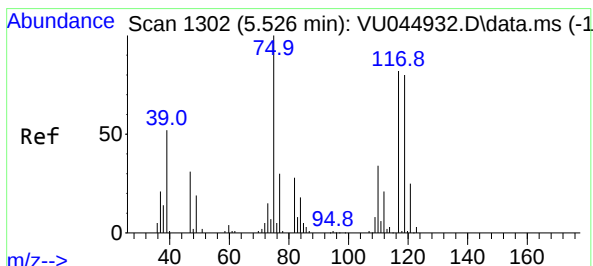
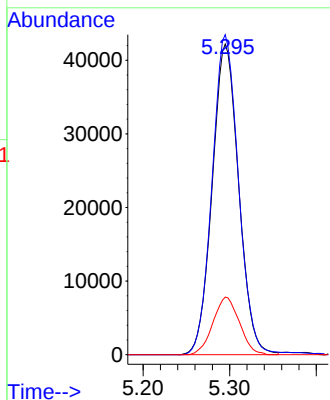
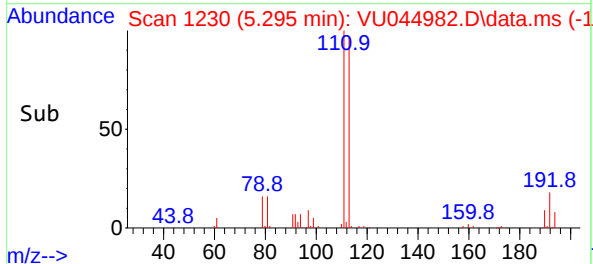
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



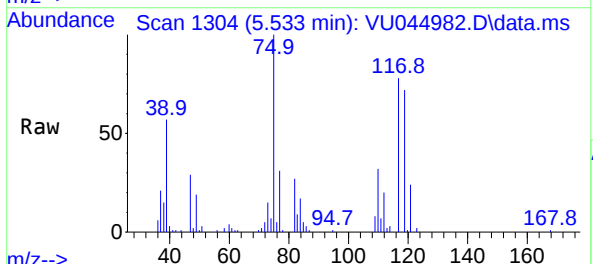
Tgt Ion: 113 Resp: 89590
Ion Ratio Lower Upper
113 100
111 102.4 84.1 126.1
192 18.5 14.8 22.2

Manual Integrations
APPROVED

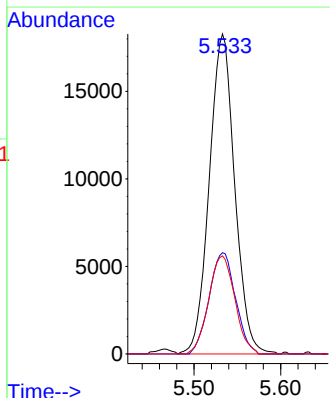
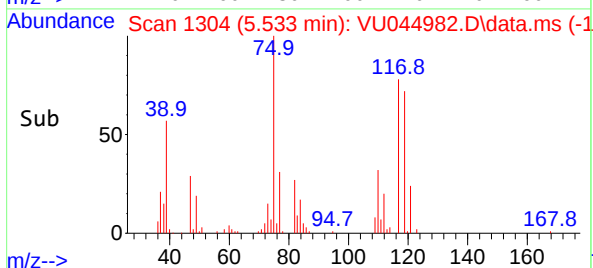
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

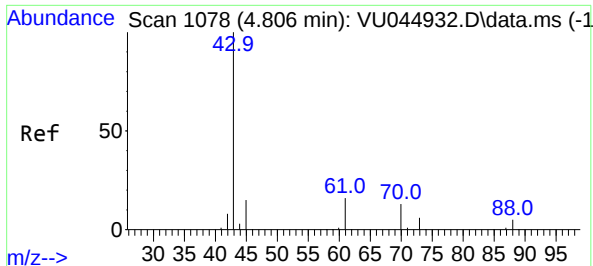


#36
1,1-Dichloropropene
Concen: 16.082 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



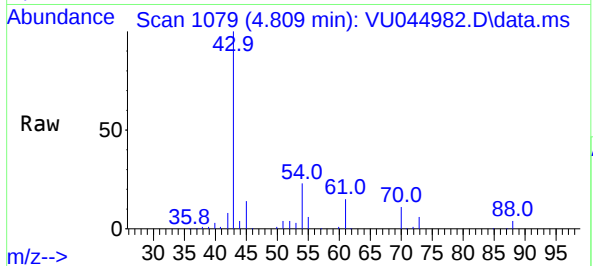
Tgt Ion: 75 Resp: 37268
Ion Ratio Lower Upper
75 100
110 32.9 16.3 48.9
77 31.6 25.0 37.4





#37
Ethyl Acetate
Concen: 23.836 ug/l
RT: 4.809 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

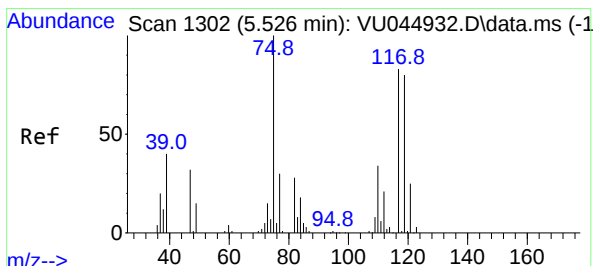
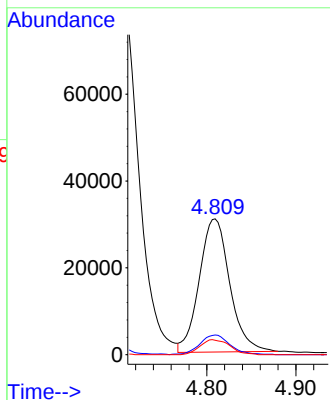
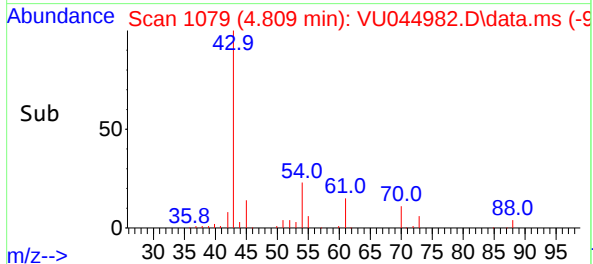
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



Tgt Ion: 43 Resp: 7308
Ion Ratio Lower Upper
43 100
61 14.7 10.9 16.3
70 11.0 8.2 12.4

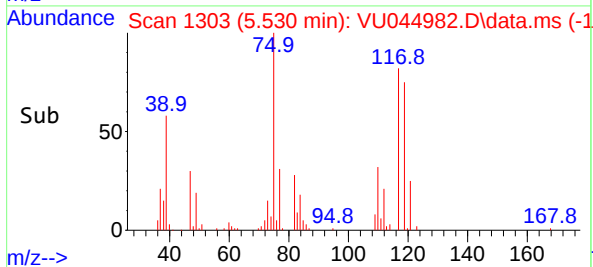
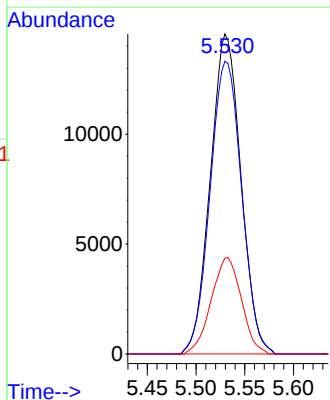
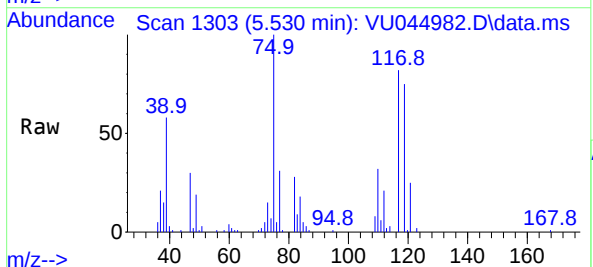
Manual Integrations
APPROVED

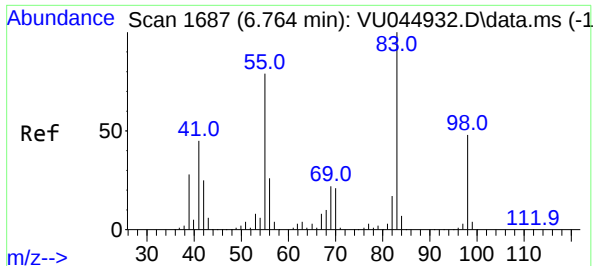
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 15.845 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Tgt Ion:117 Resp: 31773
Ion Ratio Lower Upper
117 100
119 91.5 77.4 116.2
121 30.0 24.5 36.7





#39

Methylcyclohexane

Concen: 10.553 ug/l

RT: 6.767 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD03

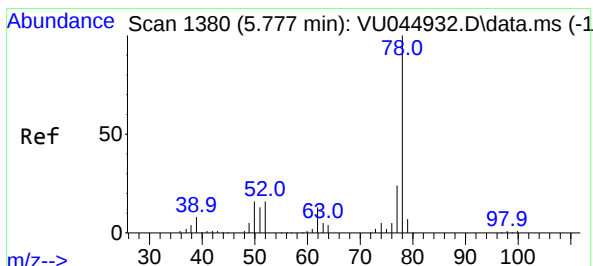
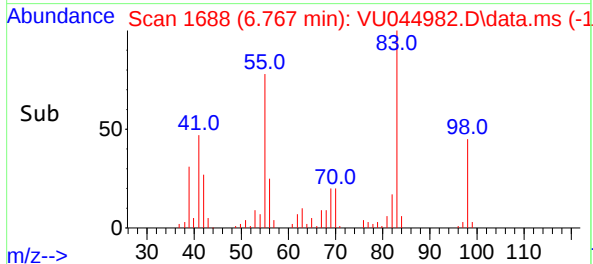
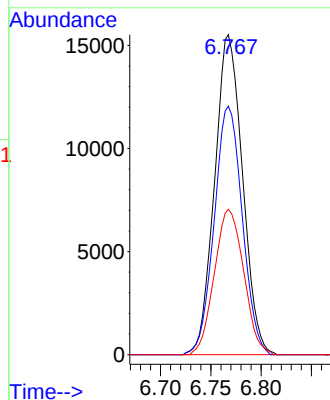
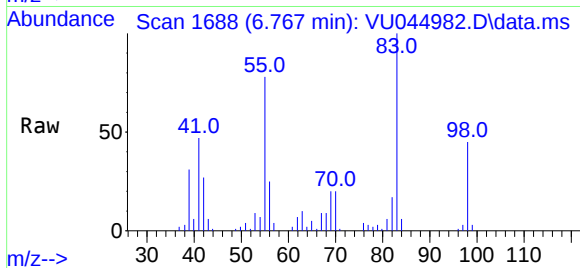
Tgt Ion:	83	Resp:	3002
Ion	Ratio	Lower	Upper
83	100		
55	77.7	66.2	99.4
98	45.4	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#40

Benzene

Concen: 20.571 ug/l

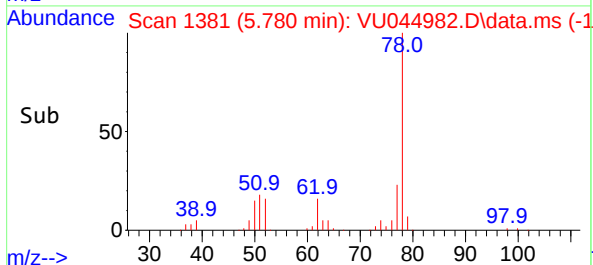
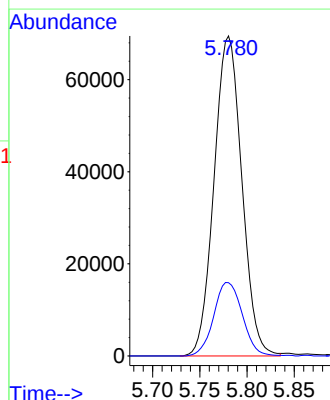
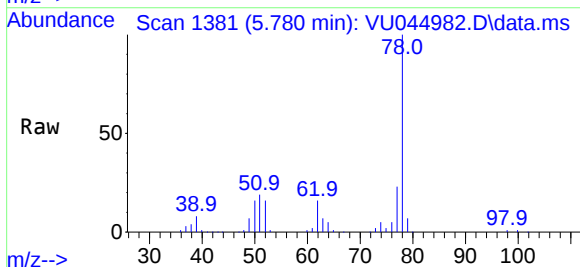
RT: 5.780 min Scan# 1381

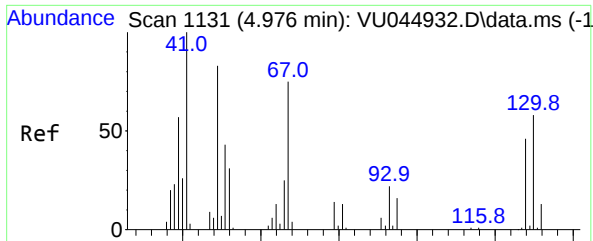
Delta R.T. 0.003 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

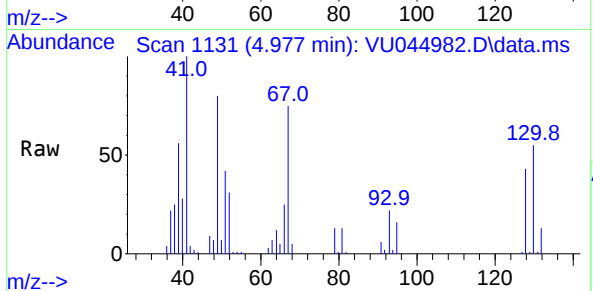
Tgt Ion:	78	Resp:	141980
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.1	28.7





#41
Methacrylonitrile
Concen: 23.855 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

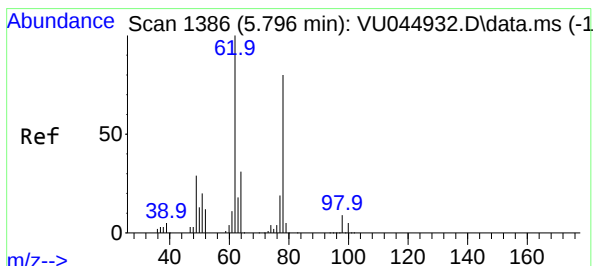
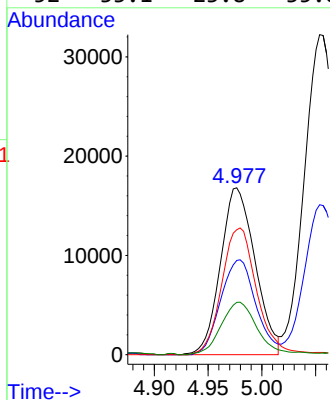
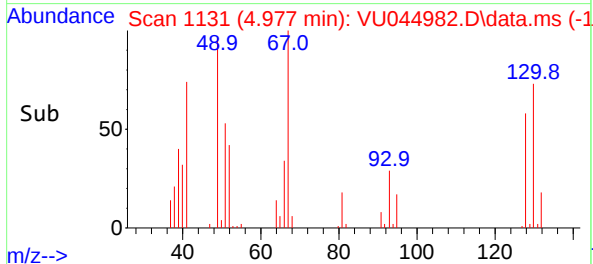
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



Tgt Ion: 41 Resp: 3765
Ion Ratio Lower Upper
41 100
39 57.7 44.4 66.6
67 76.7 58.1 87.1
52 33.1 23.8 35.8

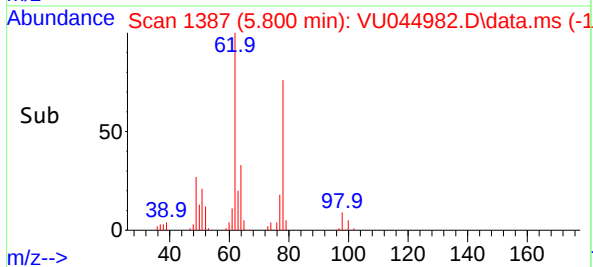
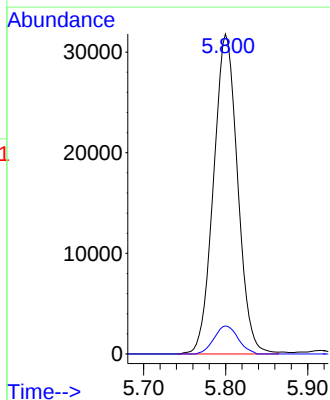
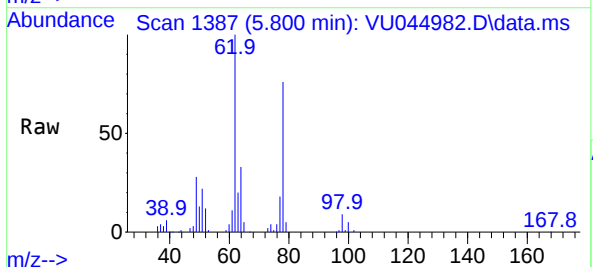
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 23.970 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

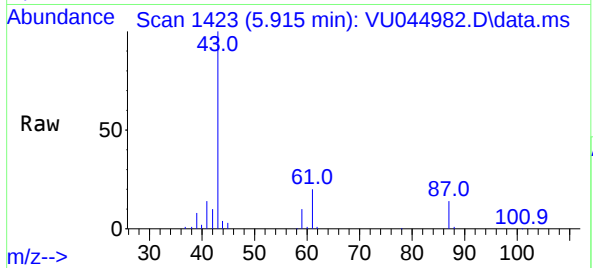
Tgt Ion: 62 Resp: 65027
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





#43
Isopropyl Acetate
Concen: 23.925 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

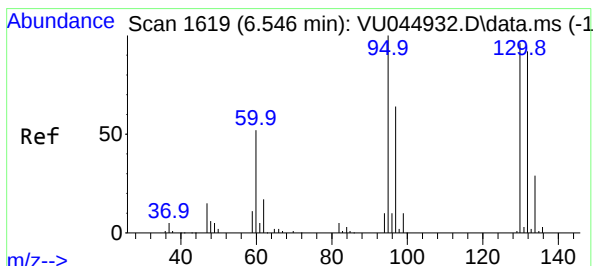
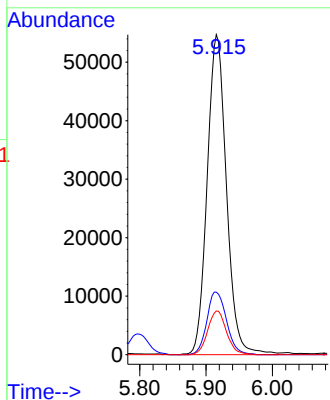
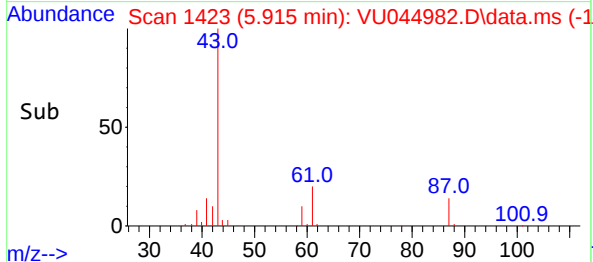
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



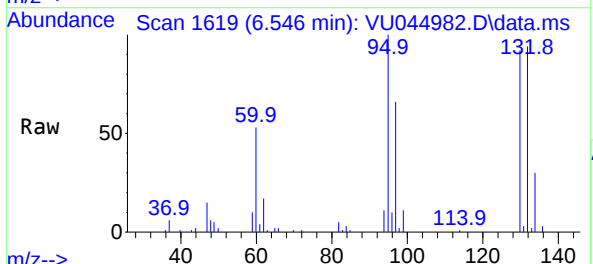
Tgt Ion: 43 Resp: 110360
Ion Ratio Lower Upper
43 100
61 20.0 16.1 24.1
87 13.3 10.3 15.5

Manual Integrations
APPROVED

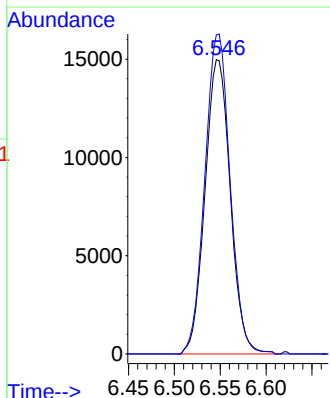
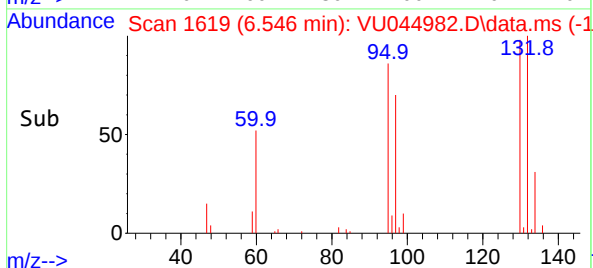
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

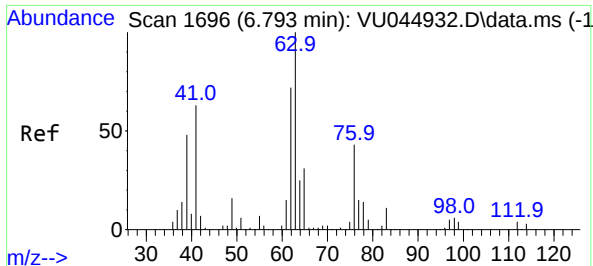


#44
Trichloroethene
Concen: 17.679 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



Tgt Ion:130 Resp: 28770
Ion Ratio Lower Upper
130 100
95 108.3 0.0 209.0





#45

1,2-Dichloropropane

Concen: 22.348 ug/l

RT: 6.796 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD03

Tgt Ion: 63 Resp: 4089

Ion Ratio Lower Upper

63 100

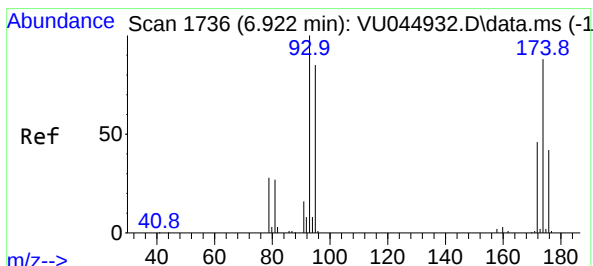
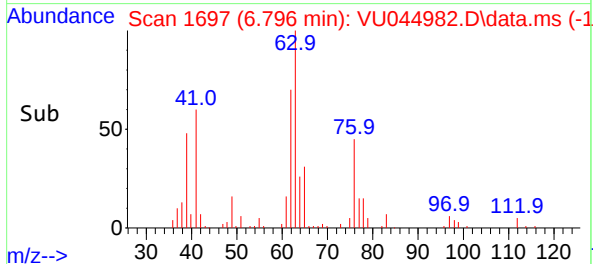
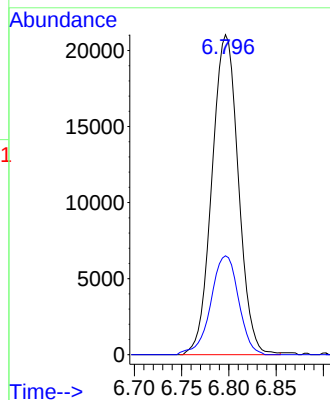
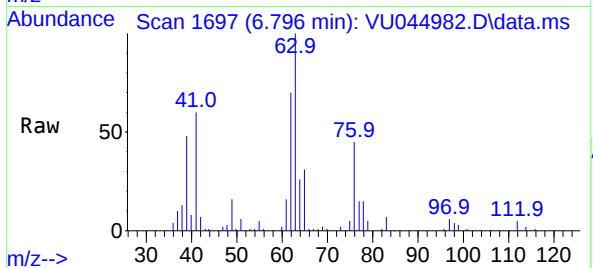
65 30.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 24.252 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

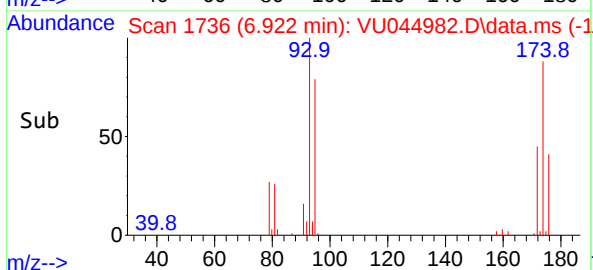
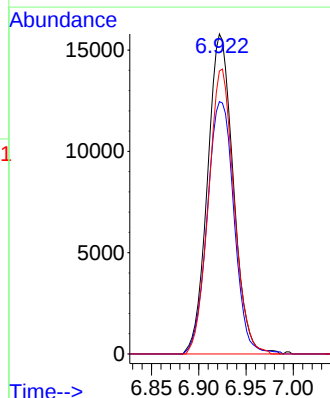
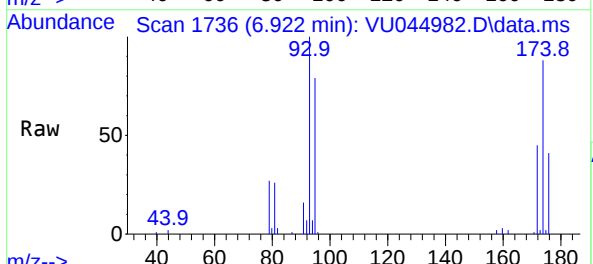
Tgt Ion: 93 Resp: 29896

Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 88.2 70.7 106.1





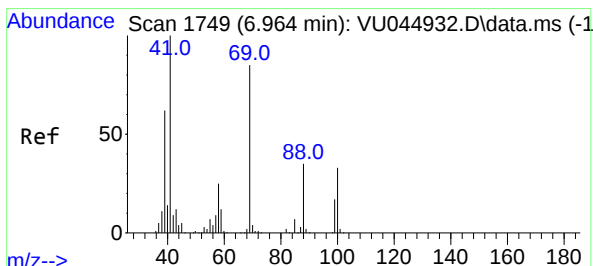
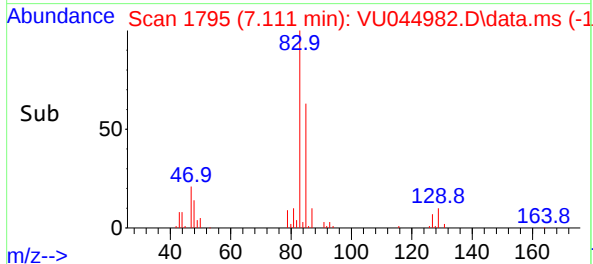
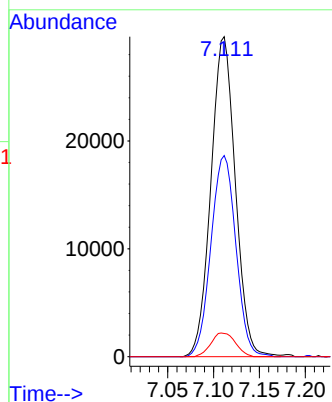
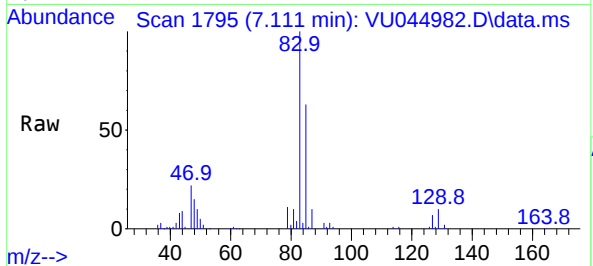
#47
Bromodichloromethane
Concen: 22.972 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion: 83 Resp: 5498
Ion Ratio Lower Upper
83 100
85 62.9 51.6 77.4
127 7.3 6.2 9.4

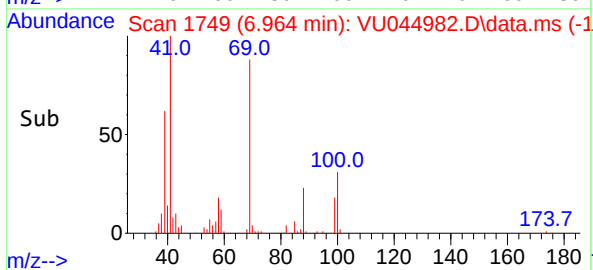
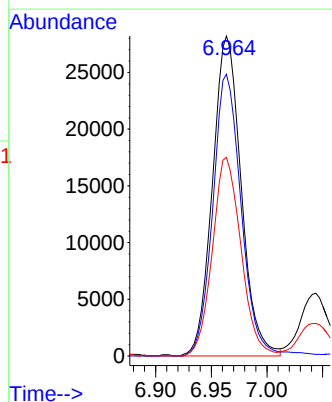
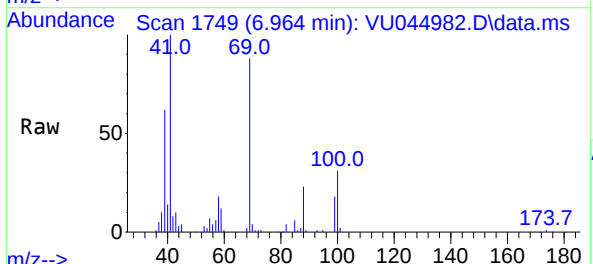
Manual Integrations
APPROVED

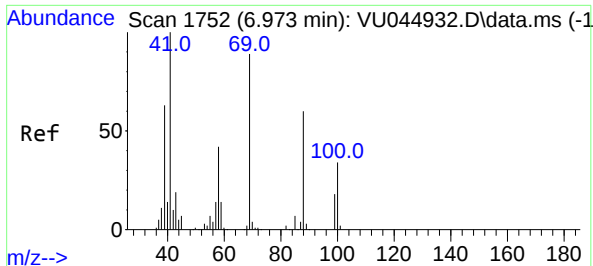
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#48
Methyl methacrylate
Concen: 22.494 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

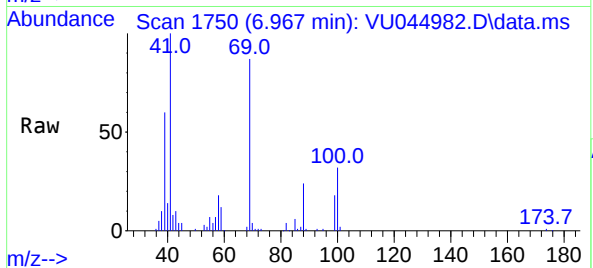
Tgt Ion: 41 Resp: 50507
Ion Ratio Lower Upper
41 100
69 87.6 65.6 98.4
39 61.9 46.2 69.4





#49
1,4-Dioxane
Concen: 227.308 ug/l
RT: 6.967 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

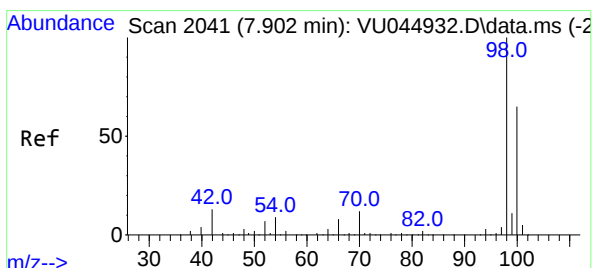
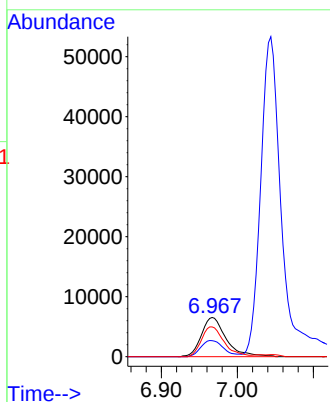
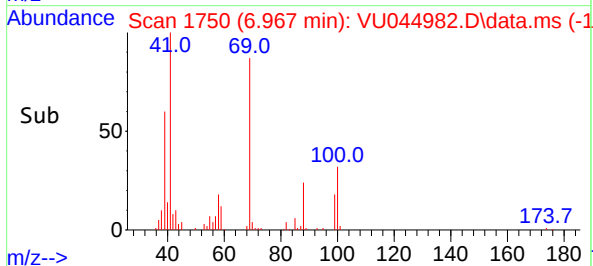
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



Tgt Ion: 88 Resp: 14774
Ion Ratio Lower Upper
88 100
43 38.5 25.8 38.6
58 69.8 61.3 91.9

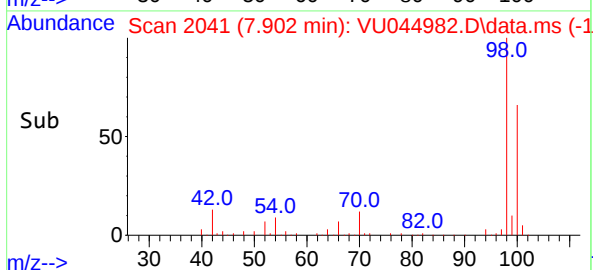
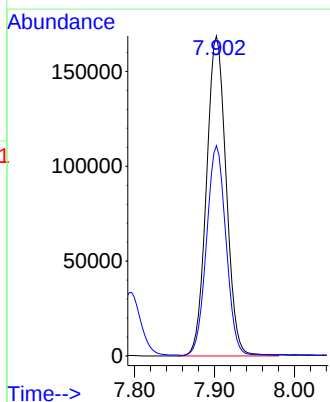
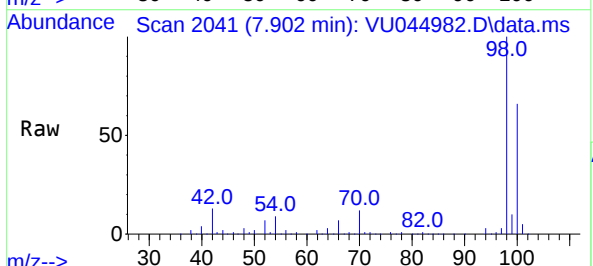
Manual Integrations
APPROVED

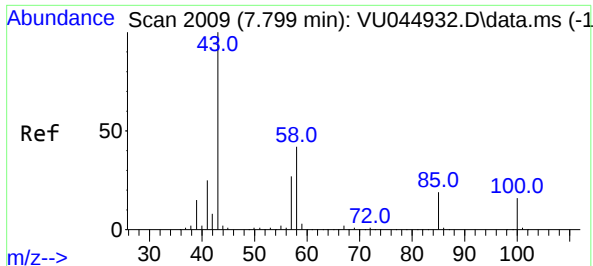
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#50
Toluene-d8
Concen: 52.189 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Tgt Ion: 98 Resp: 288259
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7





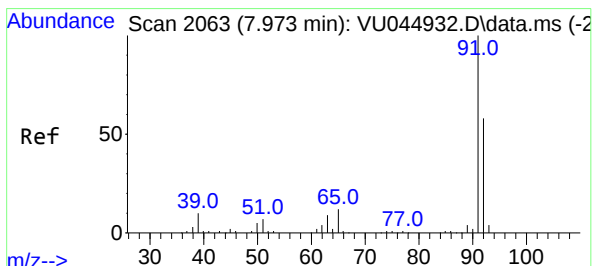
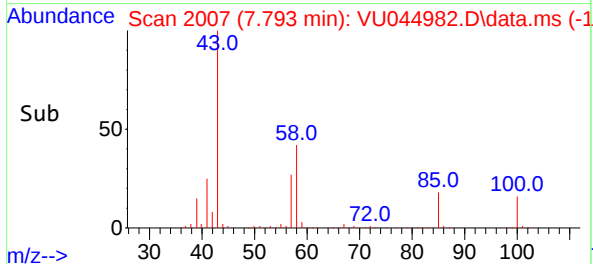
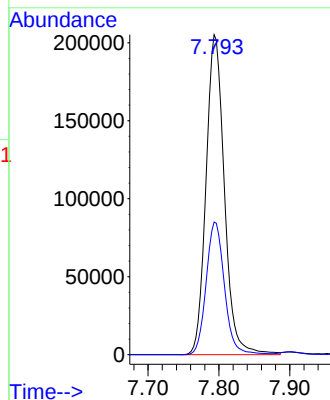
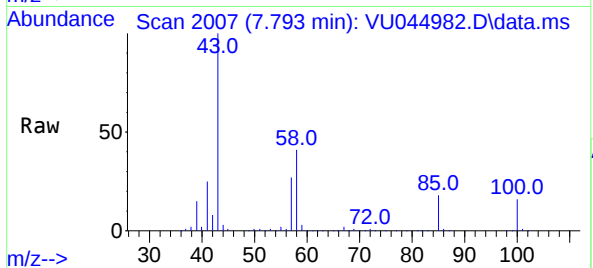
#51
4-Methyl-2-Pentanone
Concen: 110.086 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion: 43 Resp: 369698
Ion Ratio Lower Upper
43 100
58 41.3 32.4 48.6

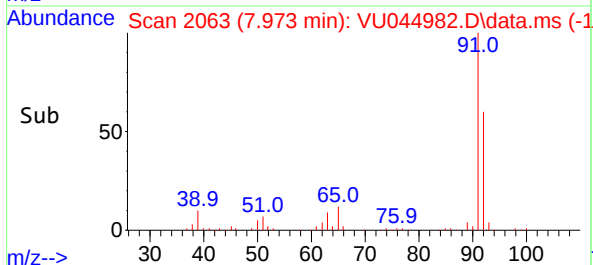
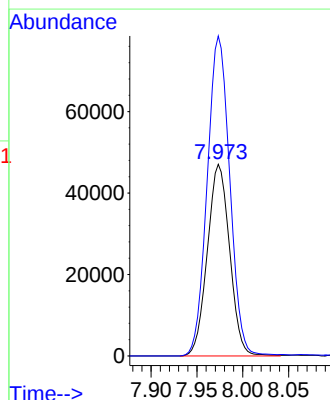
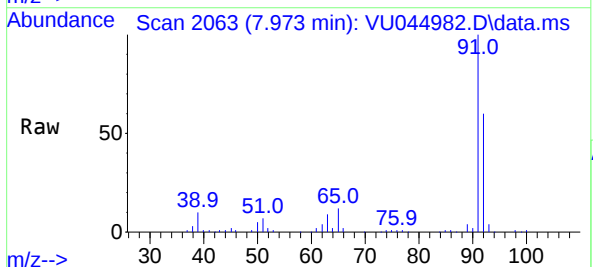
Manual Integrations
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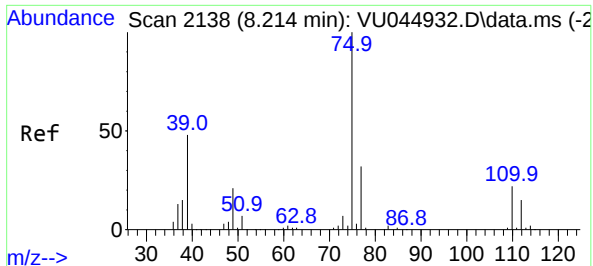
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 18.415 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Tgt Ion: 92 Resp: 79548
Ion Ratio Lower Upper
92 100
91 168.8 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 20.196 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD03

Tgt Ion: 75 Resp: 55278

Ion Ratio Lower Upper

75 100

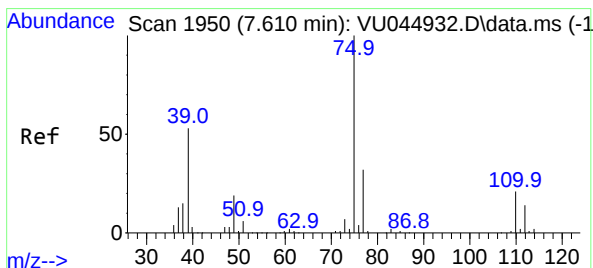
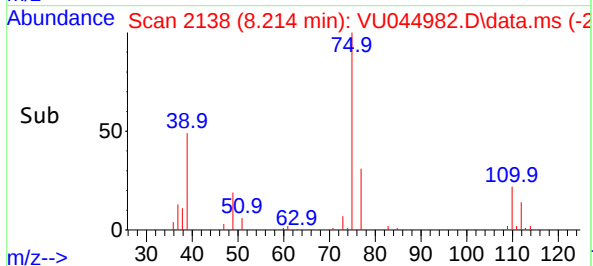
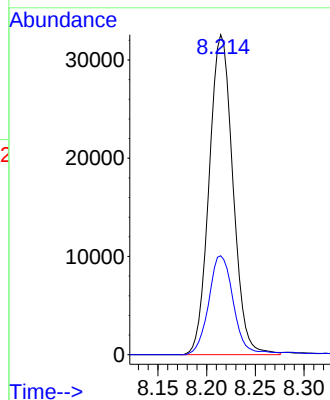
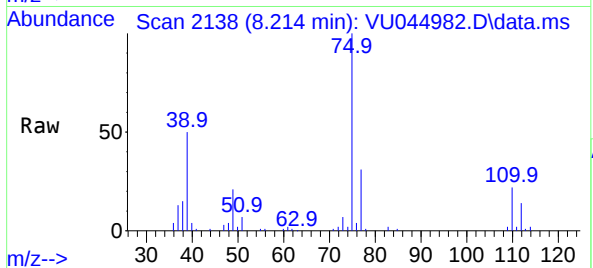
77 30.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#54

cis-1,3-Dichloropropene

Concen: 20.627 ug/l

RT: 7.613 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

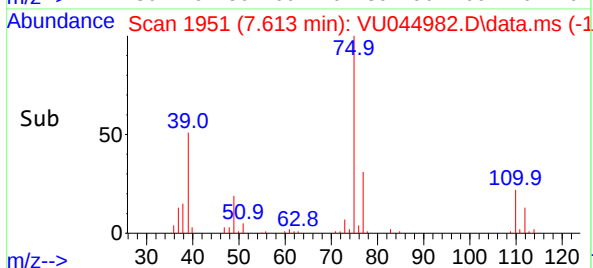
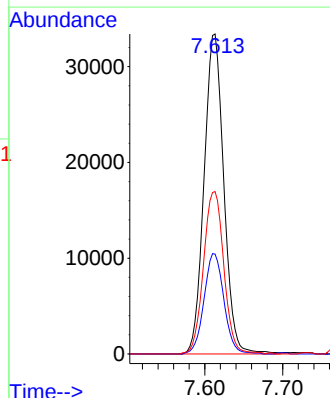
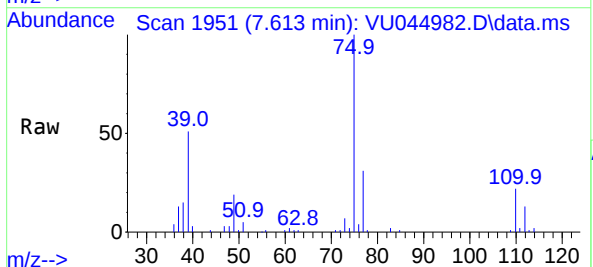
Tgt Ion: 75 Resp: 58808

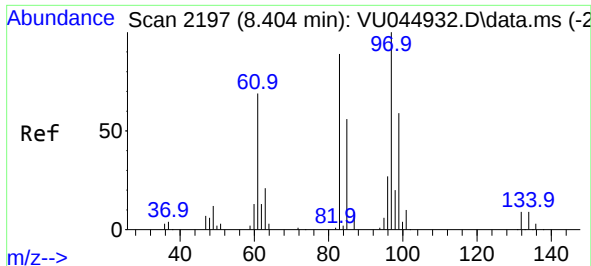
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6

39 50.8 41.4 62.2





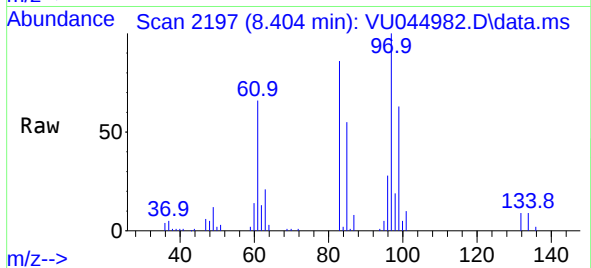
#55
1,1,2-Trichloroethane
Concen: 22.944 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD03



Tgt Ion: 97 Resp: 4129

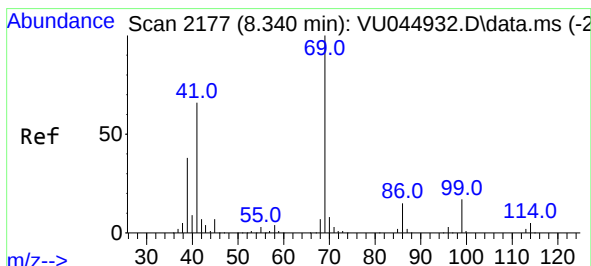
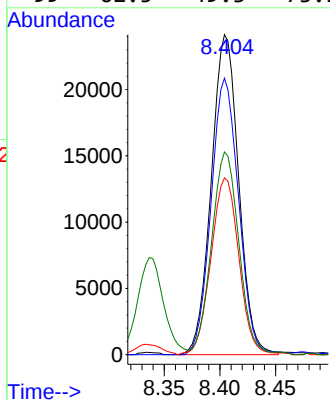
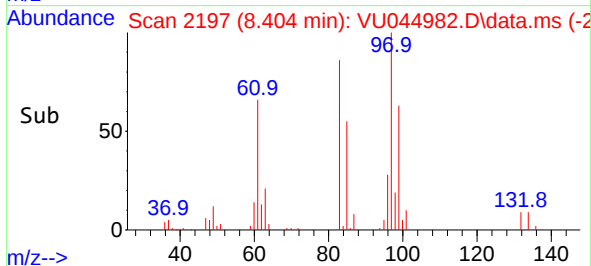
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.7	104.5
85	55.3	44.8	67.2
99	62.5	49.3	73.9

Manual Integrations

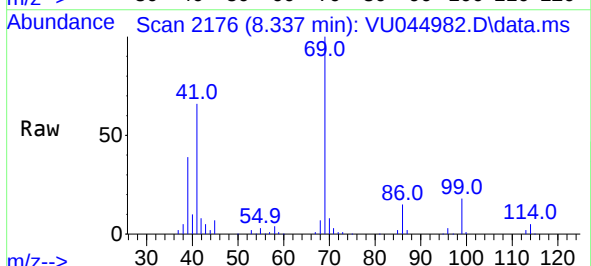
APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021

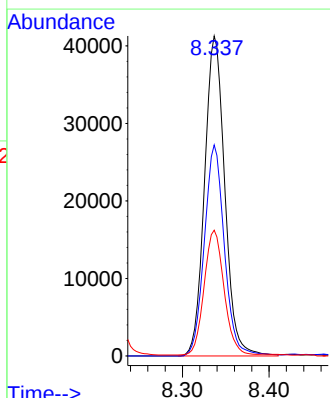
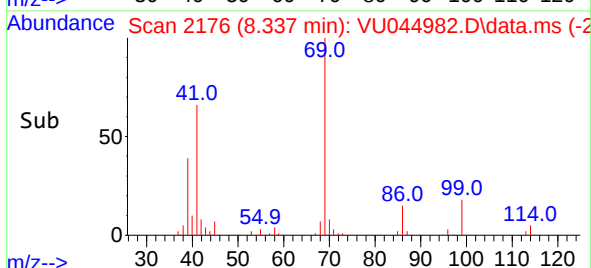


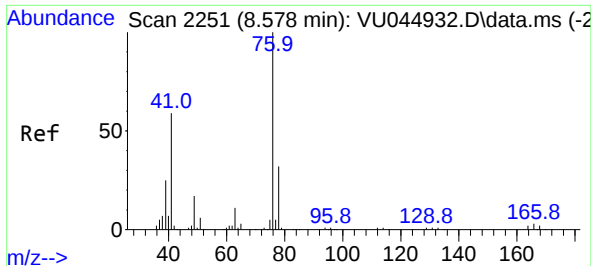
#56
Ethyl methacrylate
Concen: 20.310 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



Tgt Ion: 69 Resp: 67061

Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.5	80.3
39	38.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 22.581 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD03

Tgt Ion: 76 Resp: 72530

Ion Ratio Lower Upper

76 100

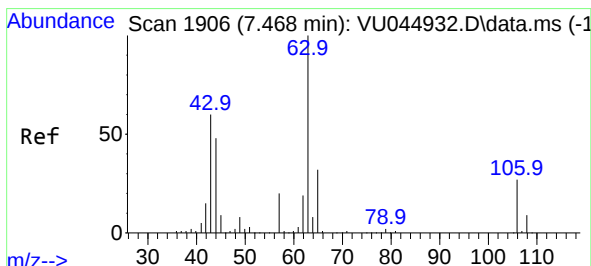
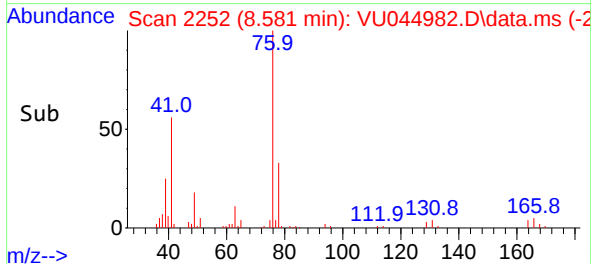
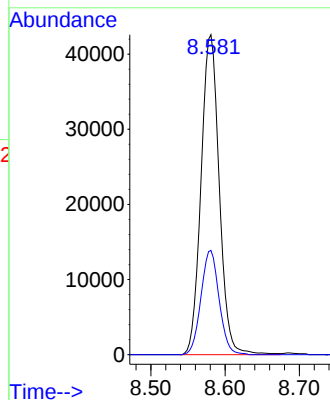
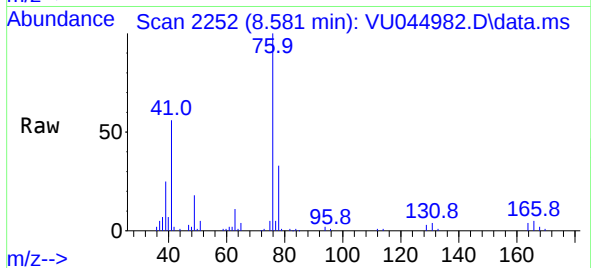
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#58

2-Chloroethyl Vinyl ether

Concen: 90.849 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VU044982.D

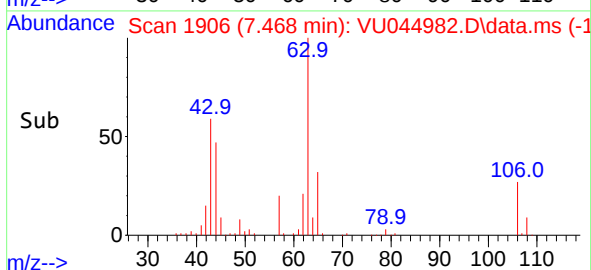
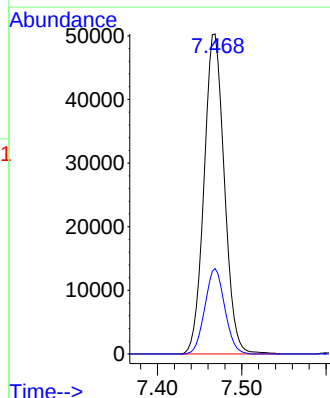
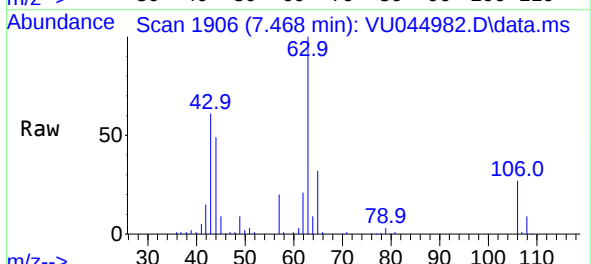
Acq: 29 Sep 2021 08:04

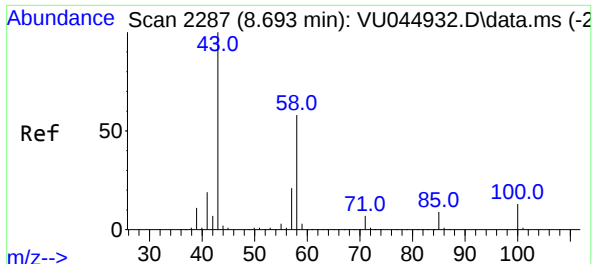
Tgt Ion: 63 Resp: 84438

Ion Ratio Lower Upper

63 100

106 26.0 20.5 30.7





#59

2-Hexanone

Concen: 104.646 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD03

Tgt Ion: 43 Resp: 286179

Ion Ratio Lower Upper

43 100

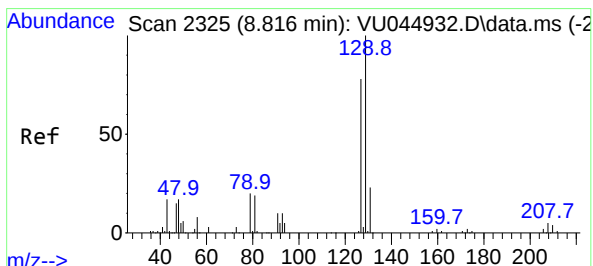
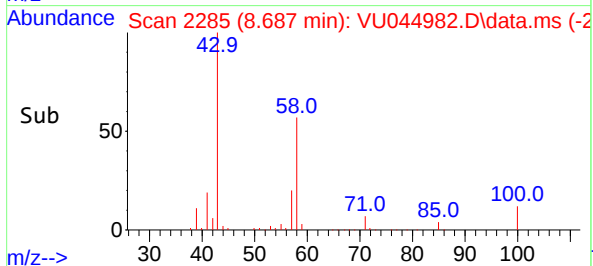
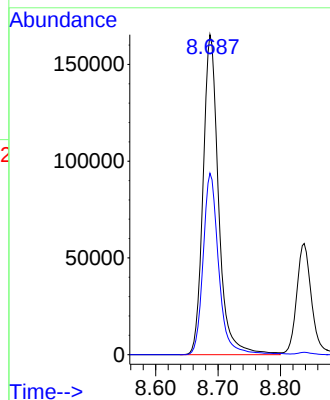
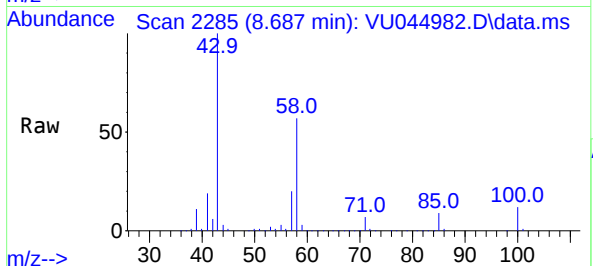
58 57.1 28.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#60

Dibromochloromethane

Concen: 21.122 ug/l

RT: 8.816 min Scan# 2325

Delta R.T. -0.000 min

Lab File: VU044982.D

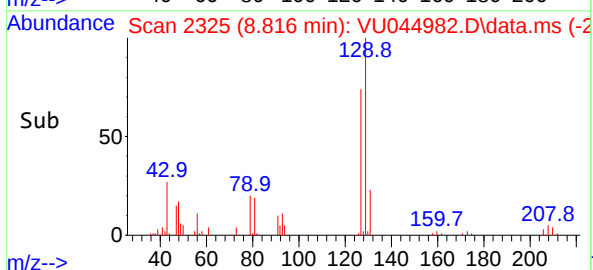
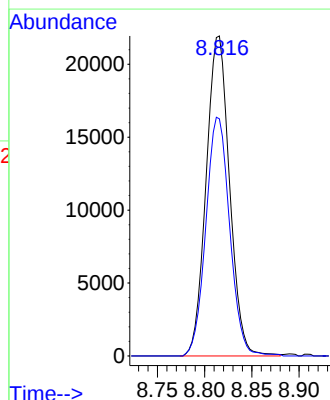
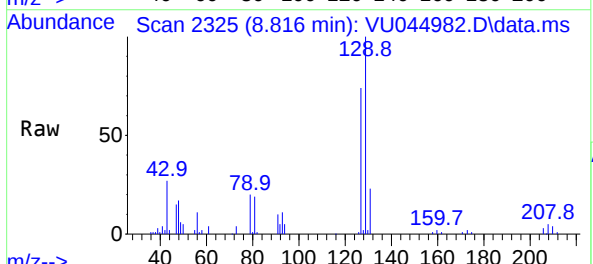
Acq: 29 Sep 2021 08:04

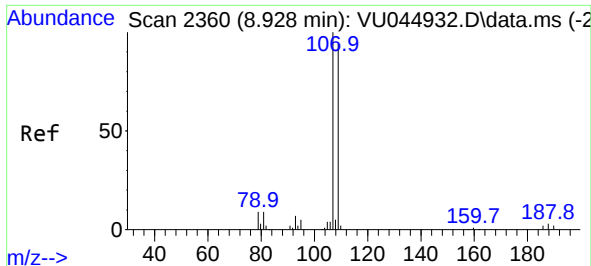
Tgt Ion:129 Resp: 37803

Ion Ratio Lower Upper

129 100

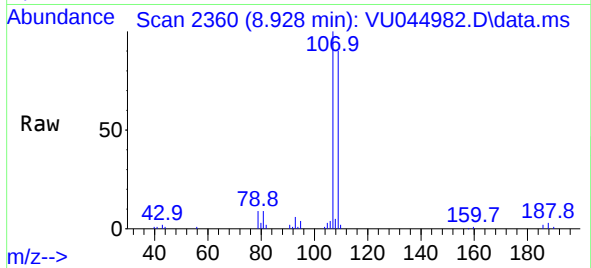
127 76.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 22.540 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

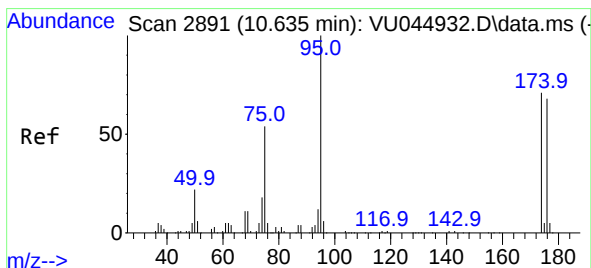
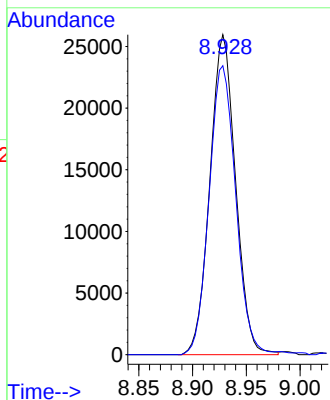
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



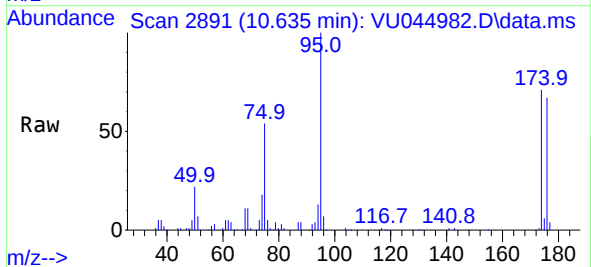
Tgt Ion:107 Resp: 4312
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2

Manual Integrations
APPROVED

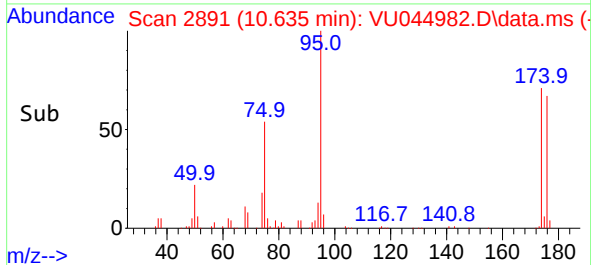
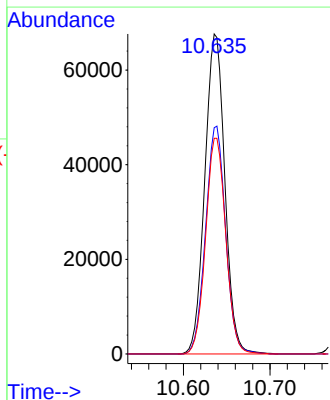
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

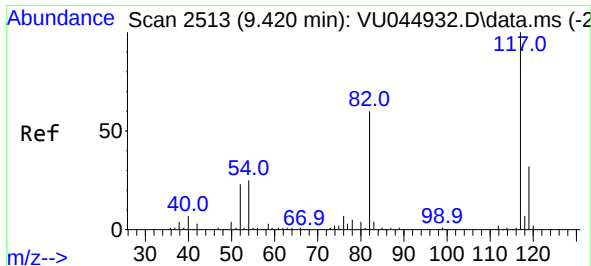


#62
4-Bromofluorobenzene
Concen: 47.590 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



Tgt Ion: 95 Resp: 108523
Ion Ratio Lower Upper
95 100
174 71.2 0.0 146.6
176 67.9 0.0 141.2





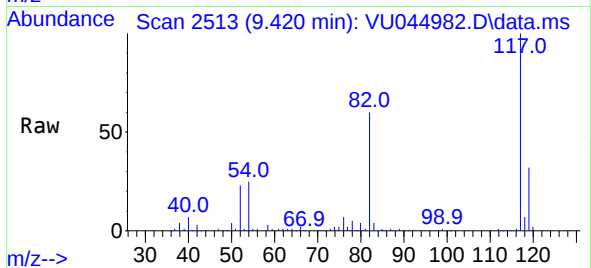
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD03

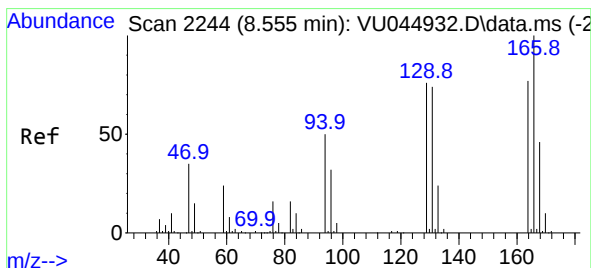
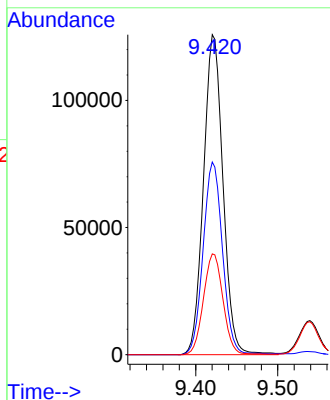
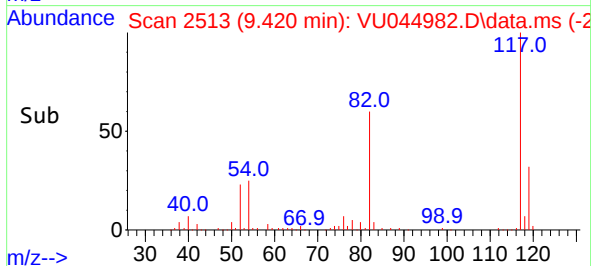


Tgt Ion:117 Resp: 20824
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 31.5 25.8 38.6

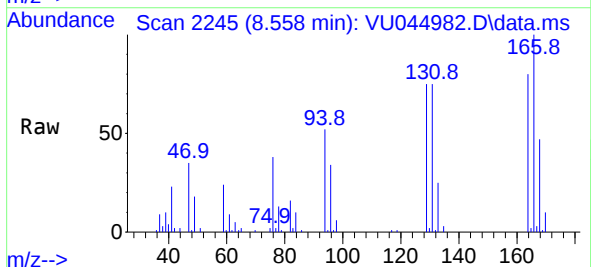
Manual Integrations

APPROVED

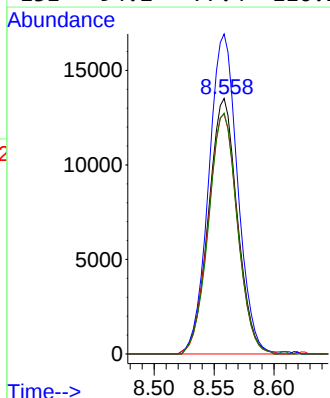
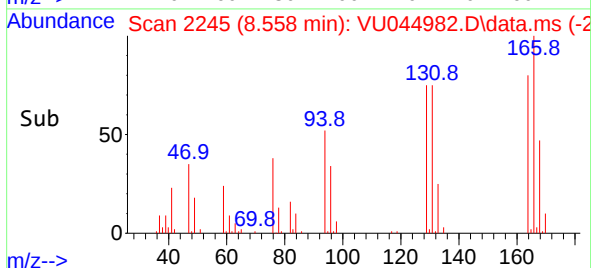
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

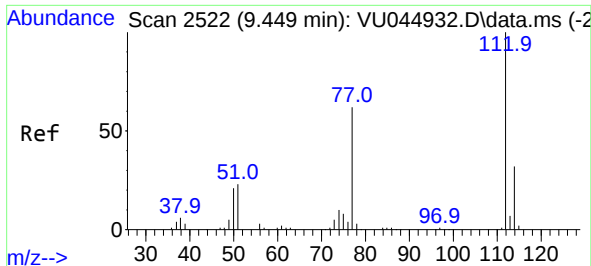


#64
Tetrachloroethene
Concen: 16.593 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



Tgt Ion:164 Resp: 22552
Ion Ratio Lower Upper
164 100
166 125.2 102.8 154.2
129 93.8 79.4 119.2
131 94.2 77.4 116.2





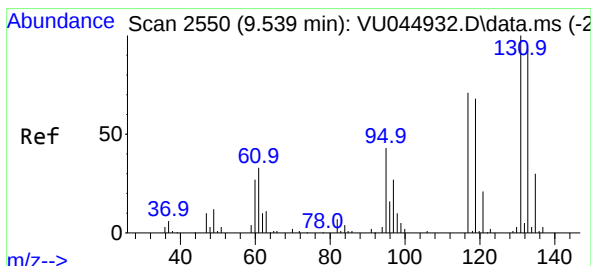
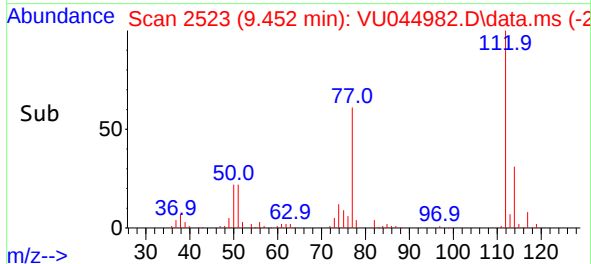
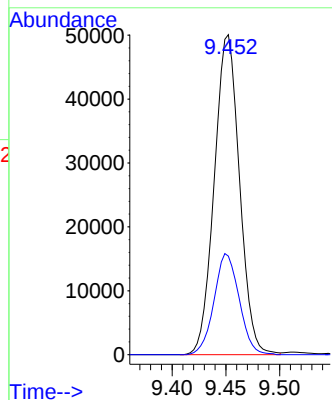
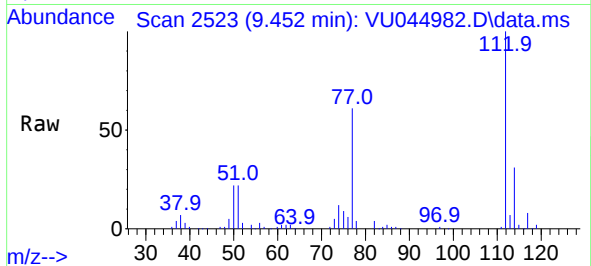
#65
Chlorobenzene
Concen: 18.717 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion:112 Resp: 81710
Ion Ratio Lower Upper
112 100
114 30.8 25.9 38.9

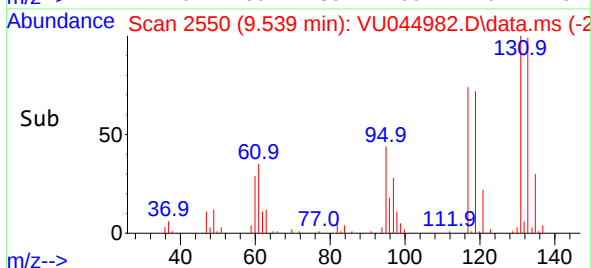
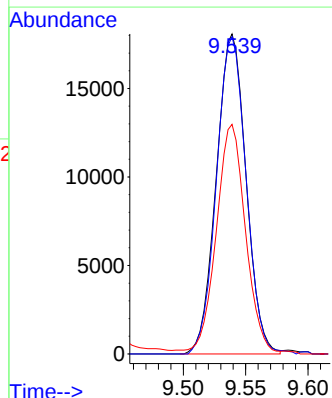
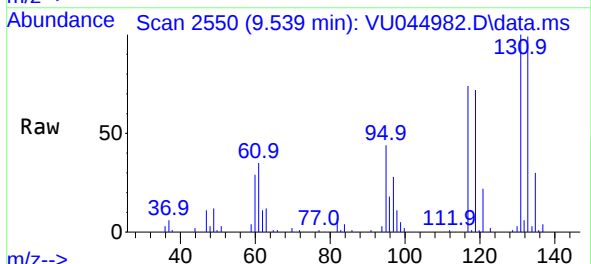
Manual Integrations
APPROVED

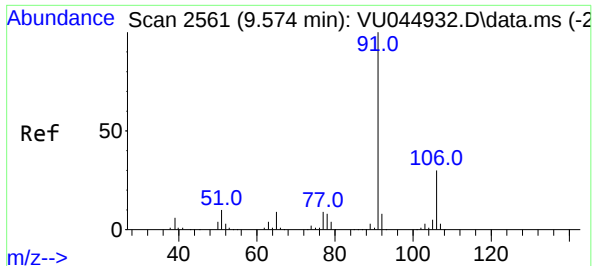
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.725 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

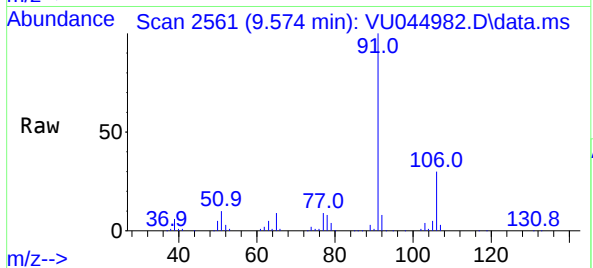
Tgt Ion:131 Resp: 30066
Ion Ratio Lower Upper
131 100
133 98.7 48.1 144.3
119 70.9 34.1 102.3





#67
Ethyl Benzene
Concen: 16.305 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

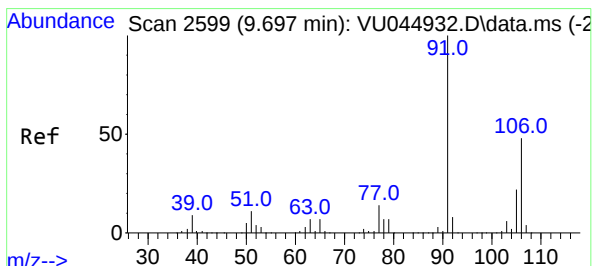
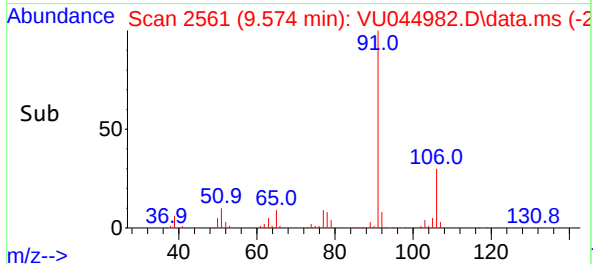
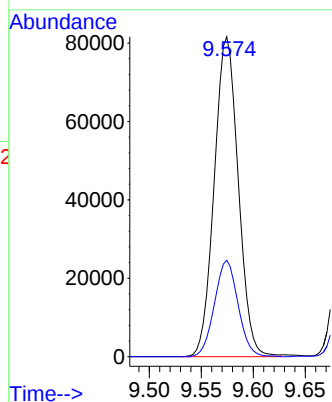
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



Tgt Ion: 91 Resp: 13099
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

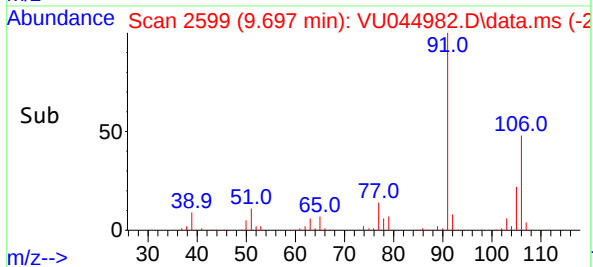
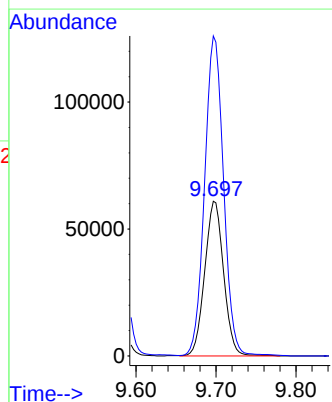
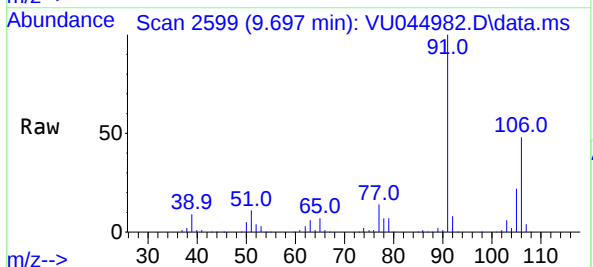
Manual Integrations
APPROVED

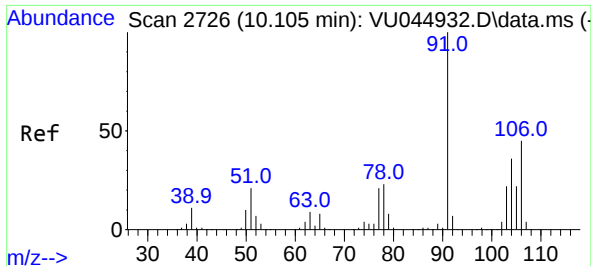
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#68
m/p-Xylenes
Concen: 32.143 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Tgt Ion:106 Resp: 100324
Ion Ratio Lower Upper
106 100
91 207.6 164.2 246.2





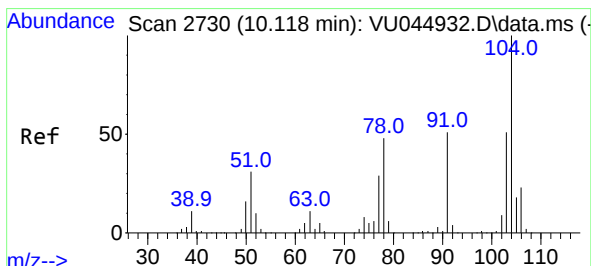
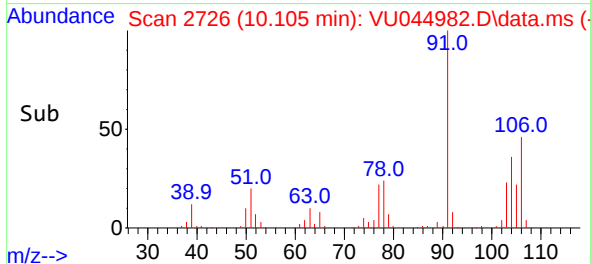
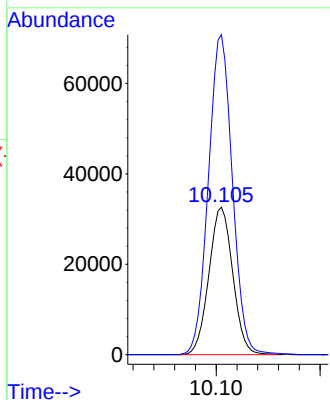
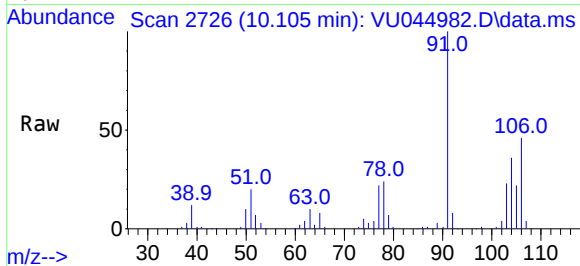
#69
o-Xylene
Concen: 16.815 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion:106 Resp: 52088
Ion Ratio Lower Upper
106 100
91 218.3 108.9 326.7

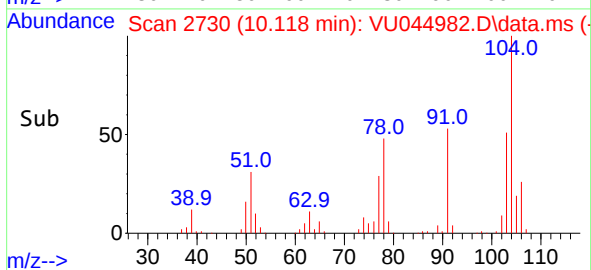
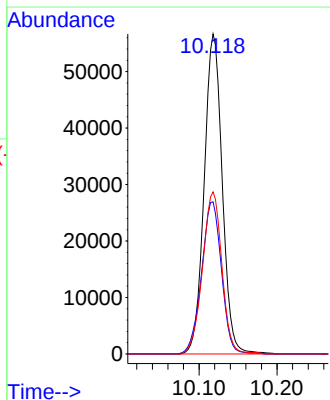
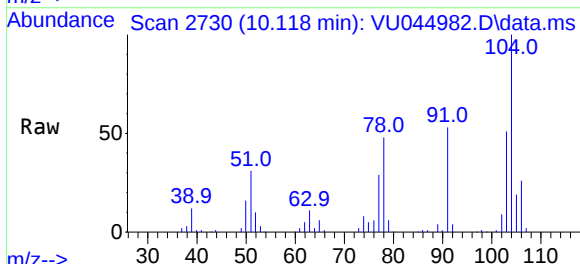
Manual Integrations
APPROVED

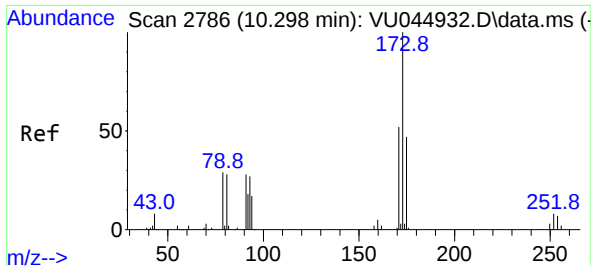
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#70
Styrene
Concen: 17.581 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Tgt Ion:104 Resp: 91364
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.0
103 54.0 43.5 65.3





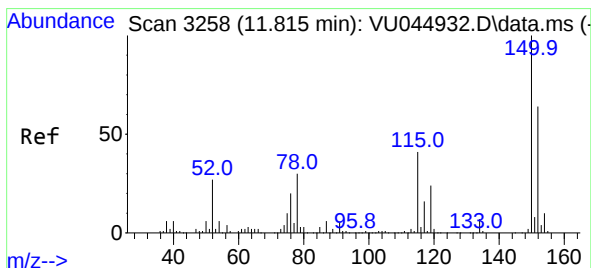
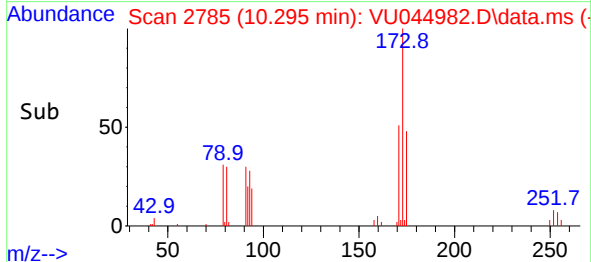
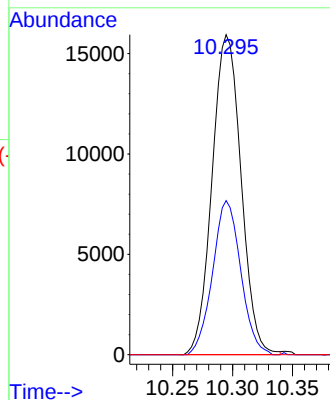
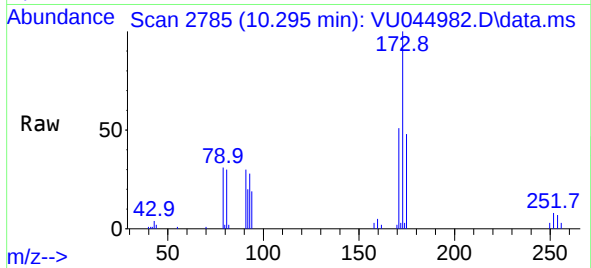
#71
Bromoform
Concen: 19.032 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion:173 Resp: 2677
Ion Ratio Lower Upper
173 100
175 46.7 24.3 73.0
254 0.0 0.0 0.0

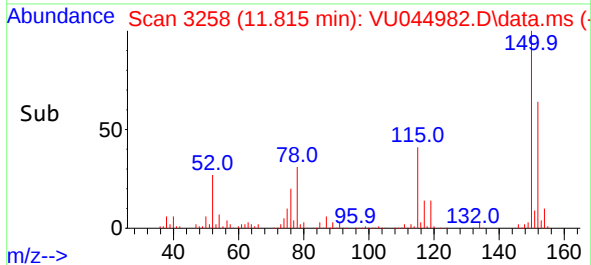
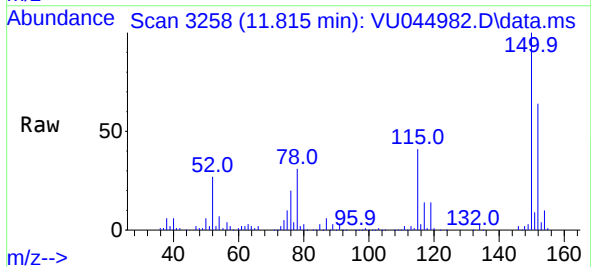
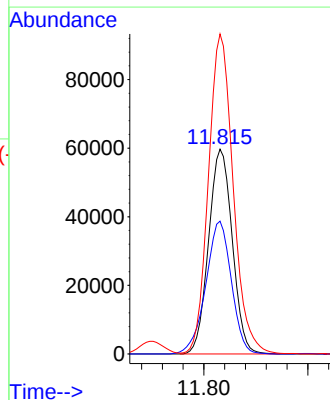
Manual Integrations
APPROVED

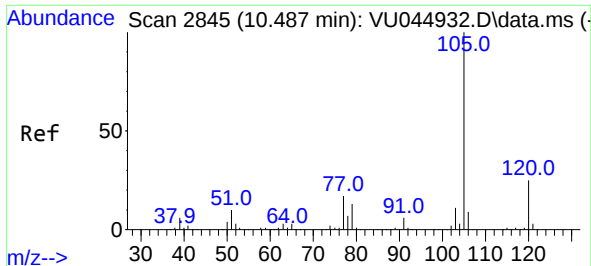
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Tgt Ion:152 Resp: 94437
Ion Ratio Lower Upper
152 100
115 69.9 43.5 130.7
150 162.8 0.0 350.0





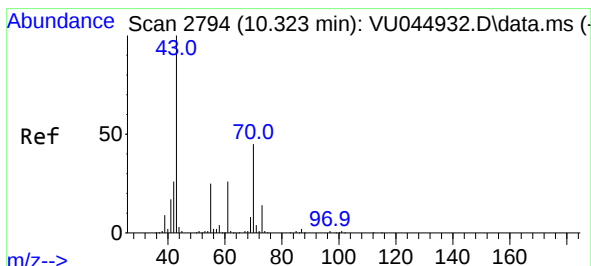
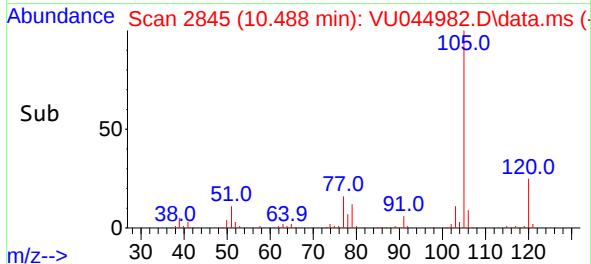
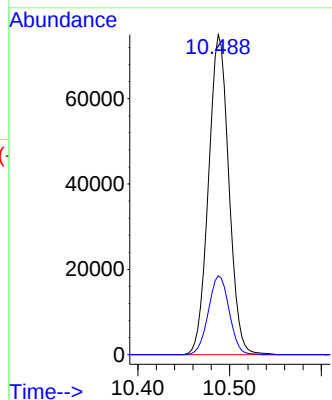
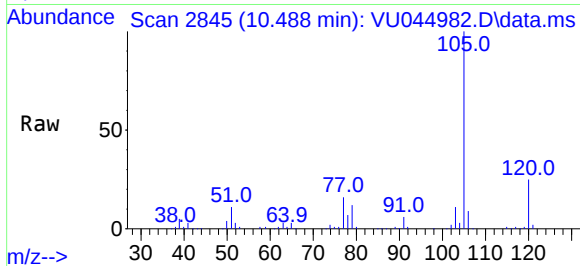
#73
Isopropylbenzene
Concen: 16.424 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion:105 Resp: 115500
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3

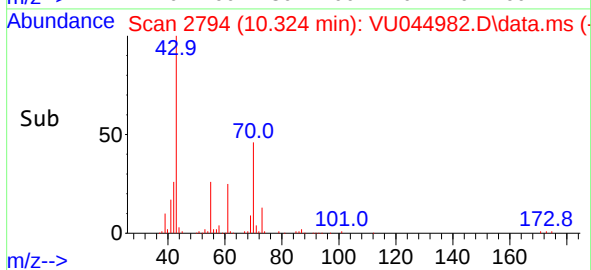
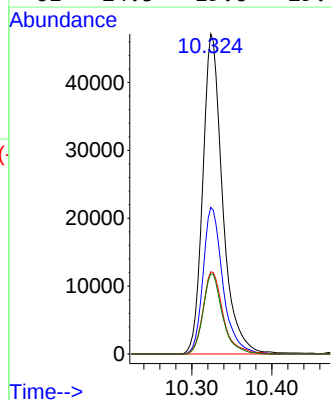
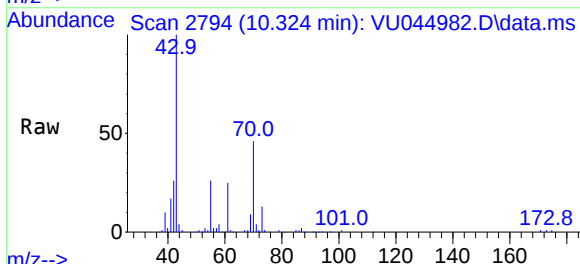
Manual Integrations
APPROVED

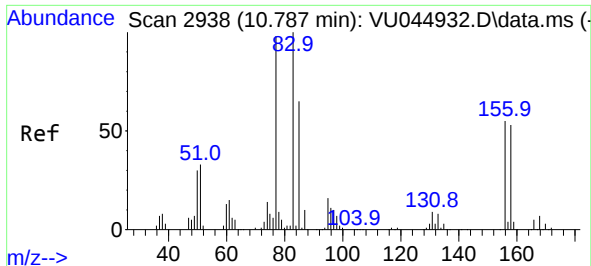
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 22.938 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

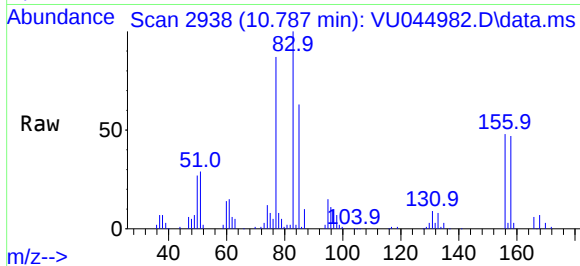
Tgt Ion: 43 Resp: 81225
Ion Ratio Lower Upper
43 100
70 45.9 35.1 52.7
55 26.1 20.5 30.7
61 24.5 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 23.351 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

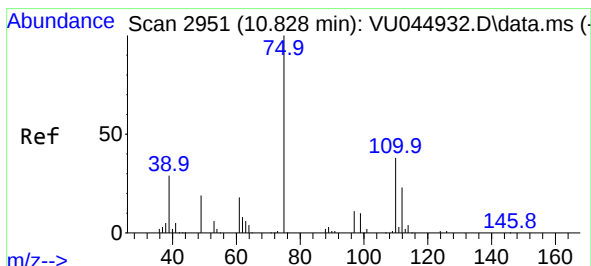
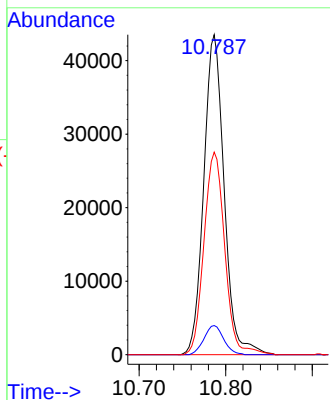
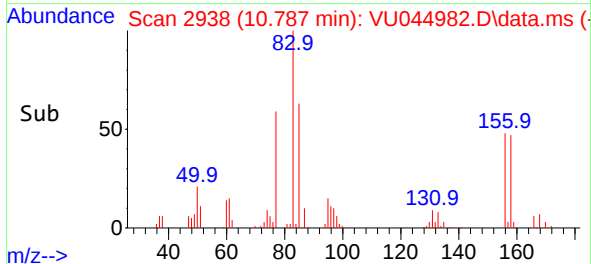
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



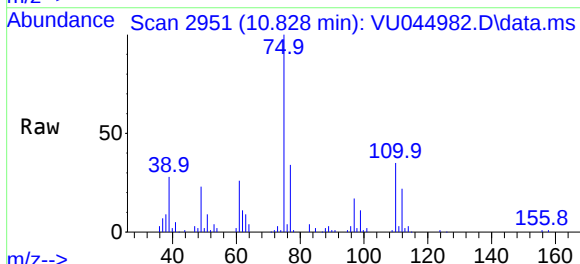
Tgt Ion: 83 Resp: 71054
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 64.6 31.9 95.5

Manual Integrations
APPROVED

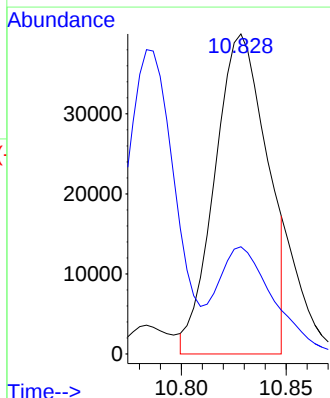
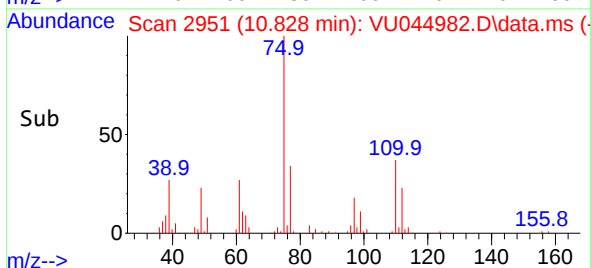
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

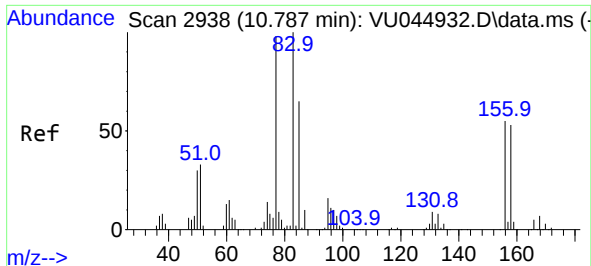


#76
1,2,3-Trichloropropane
Concen: 25.187 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



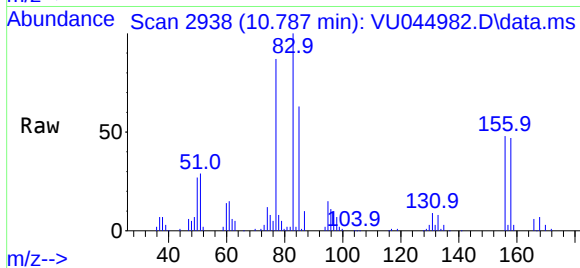
Tgt Ion: 75 Resp: 69380
Ion Ratio Lower Upper
75 100
77 34.9 17.9 53.7





#77
Bromobenzene
Concen: 20.281 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

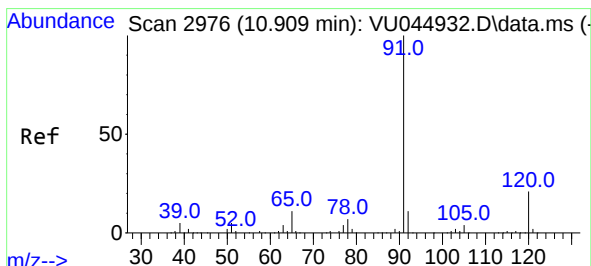
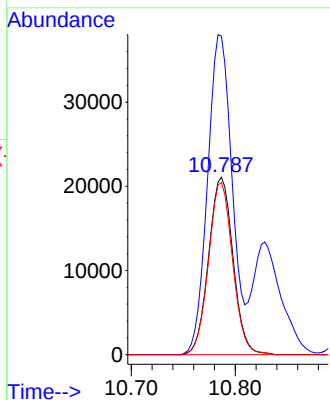
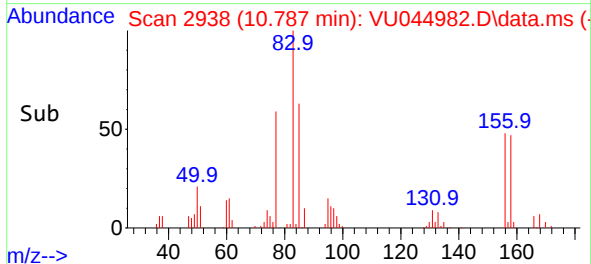
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



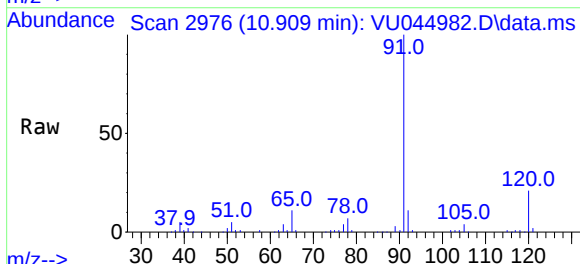
Tgt Ion:156 Resp: 34440
Ion Ratio Lower Upper
156 100
77 180.1 91.1 273.4
158 95.9 48.2 144.6

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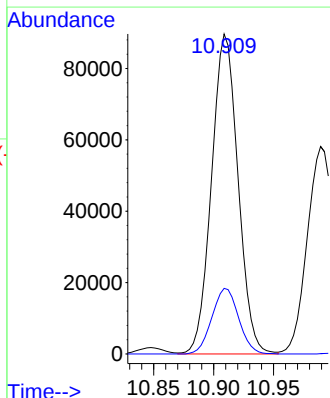
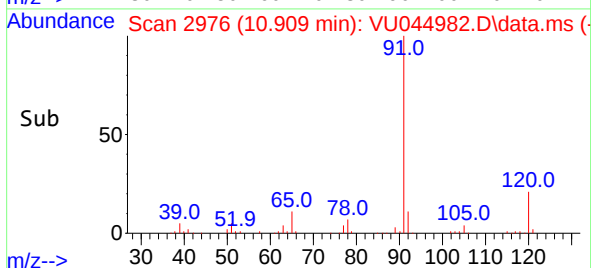
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

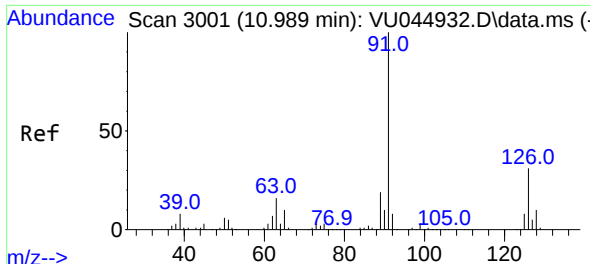


#78
n-propylbenzene
Concen: 16.068 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



Tgt Ion: 91 Resp: 137707
Ion Ratio Lower Upper
91 100
120 20.6 10.8 32.4





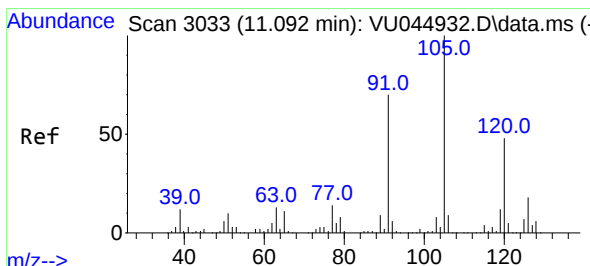
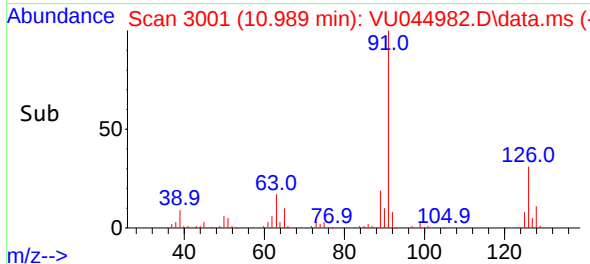
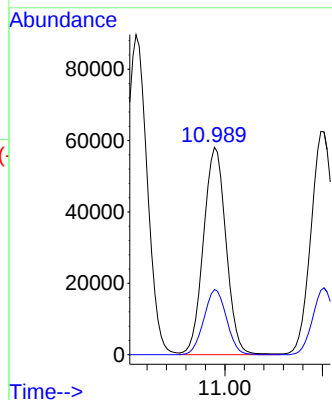
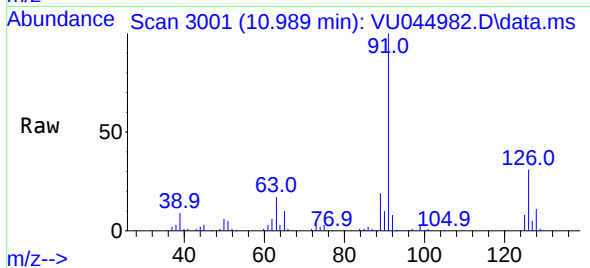
#79
2-Chlorotoluene
Concen: 17.412 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03

Tgt Ion: 91 Resp: 9353
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0

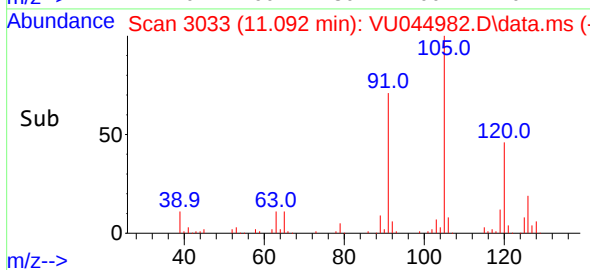
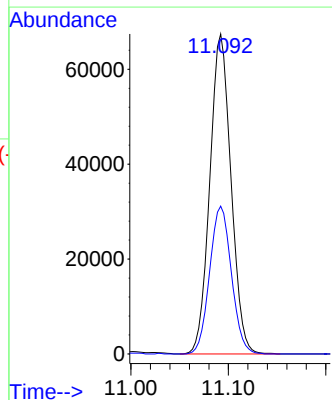
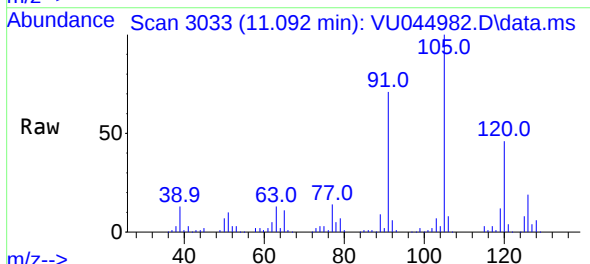
Manual Integrations
APPROVED

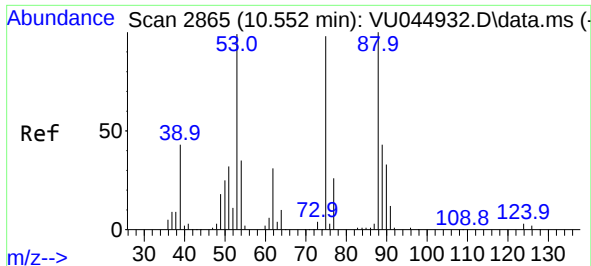
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 16.524 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

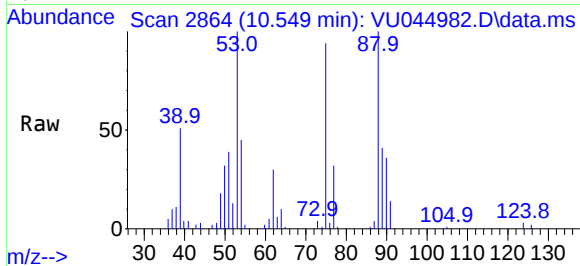
Tgt Ion:105 Resp: 101802
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 17.402 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

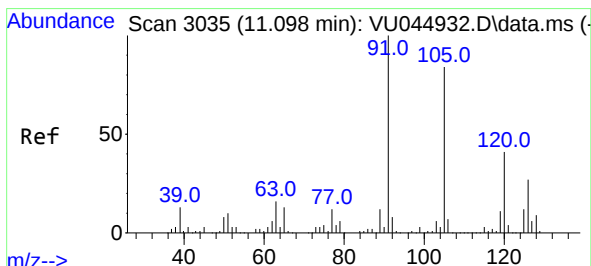
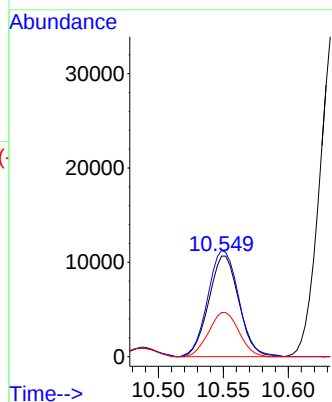
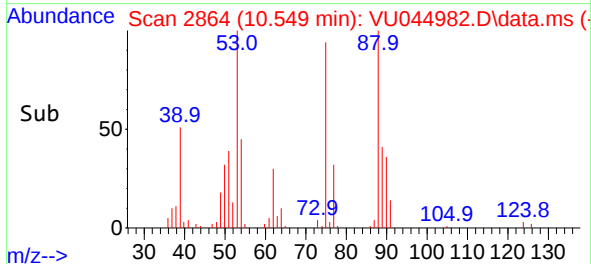
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



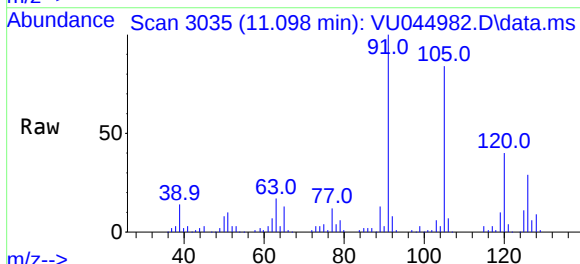
Tgt Ion: 75 Resp: 1727
Ion Ratio Lower Upper
75 100
53 107.5 82.0 123.0
89 44.2 34.2 51.4

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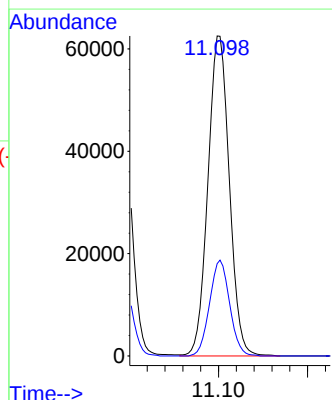
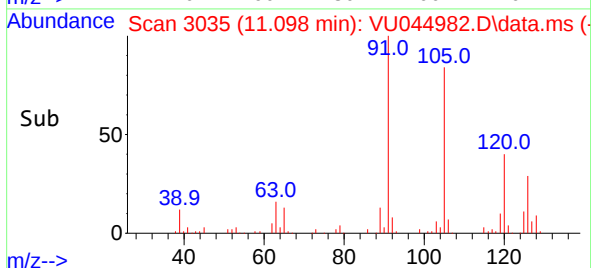
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

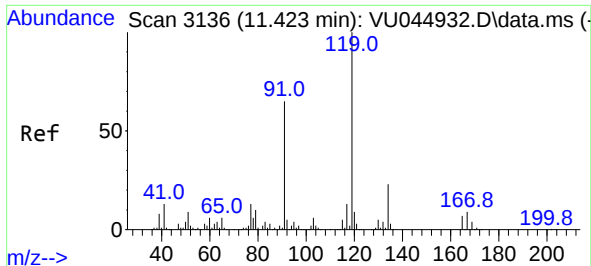


#82
4-Chlorotoluene
Concen: 17.139 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



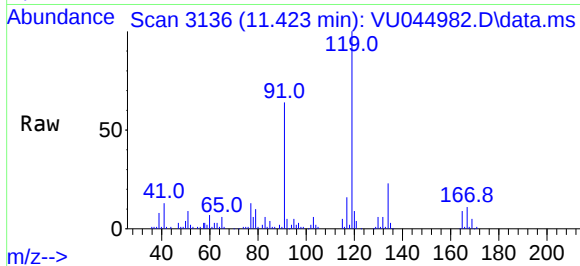
Tgt Ion: 91 Resp: 104069
Ion Ratio Lower Upper
91 100
126 28.1 13.8 41.4





#83
tert-Butylbenzene
Concen: 15.057 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

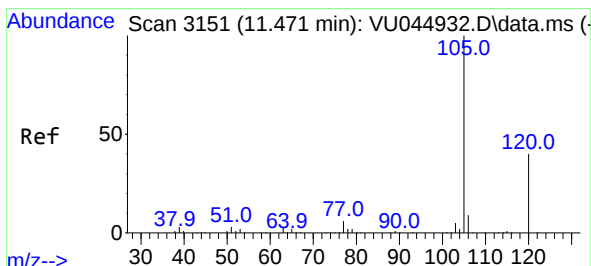
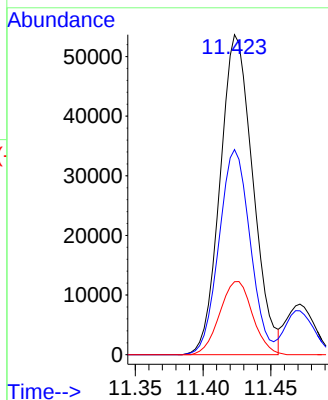
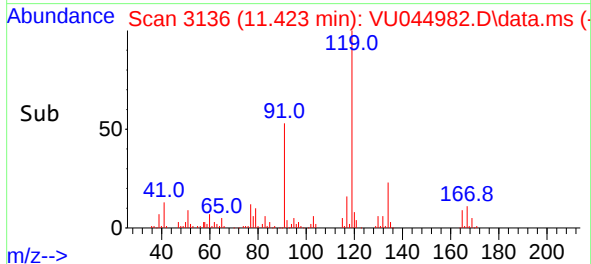
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



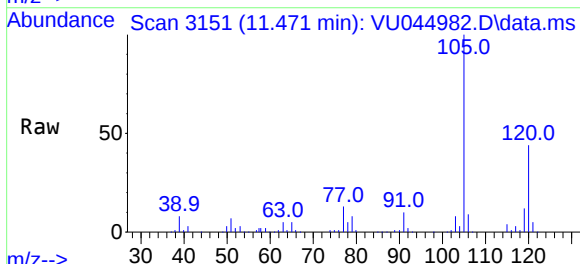
Tgt Ion:119 Resp: 90220
Ion Ratio Lower Upper
119 100
91 61.1 30.4 91.2
134 23.0 11.5 34.5

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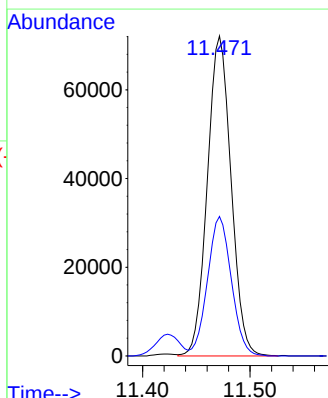
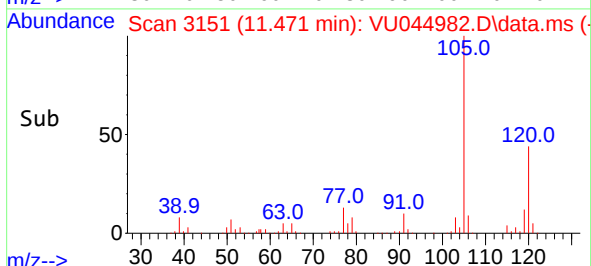
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 18.158 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



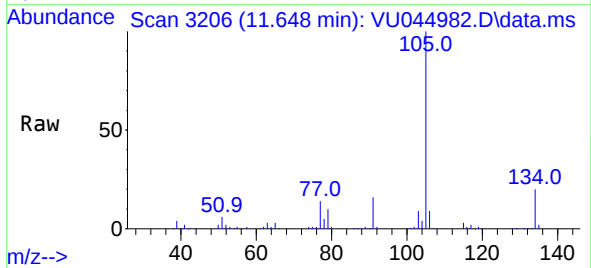
Tgt Ion:105 Resp: 110677
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 14.409 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU044982.D
 Acq: 29 Sep 2021 08:04

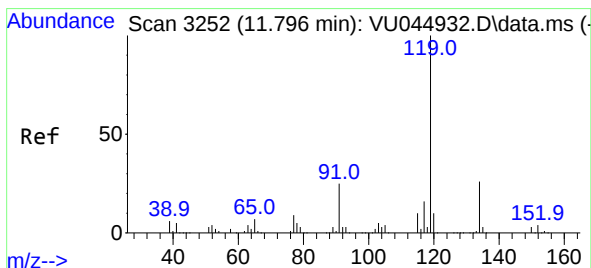
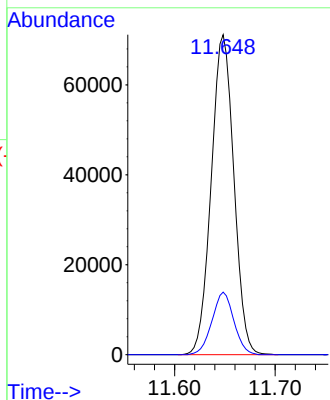
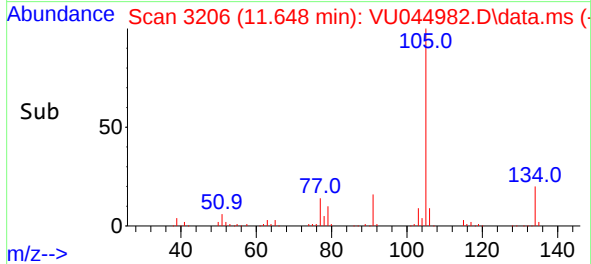
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928WBSD03



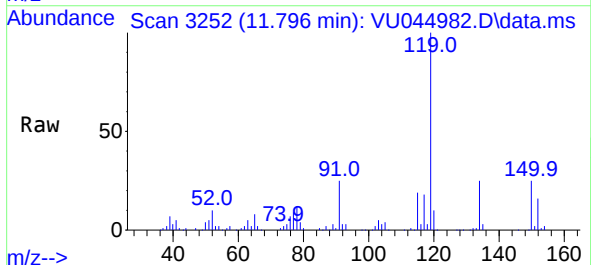
Tgt Ion:105 Resp: 111198
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0

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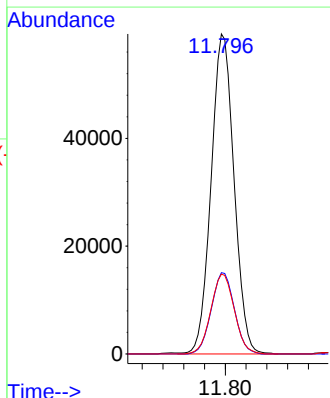
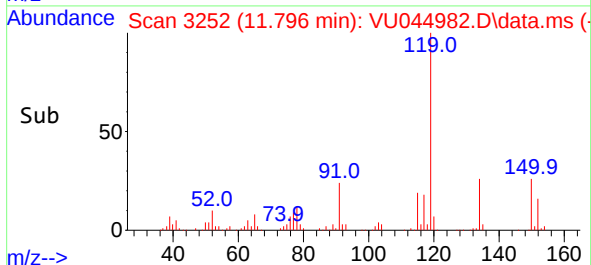
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

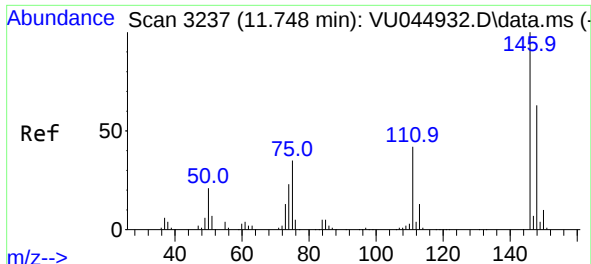


#86
 p-Isopropyltoluene
 Concen: 14.629 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044982.D
 Acq: 29 Sep 2021 08:04



Tgt Ion:119 Resp: 90813
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 17.676 ug/l

RT: 11.751 min Scan# 3238

Delta R.T. 0.003 min

Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

Instrument :

MSVOA_U

ClientSampleId :

VU0928WBSD03

Tgt Ion:146 Resp: 5748

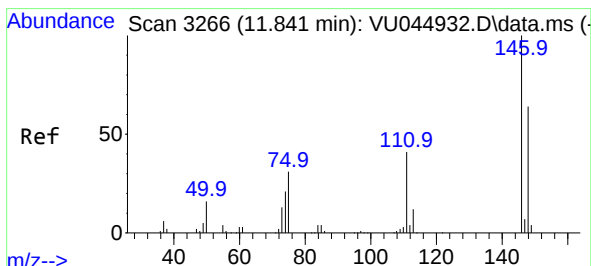
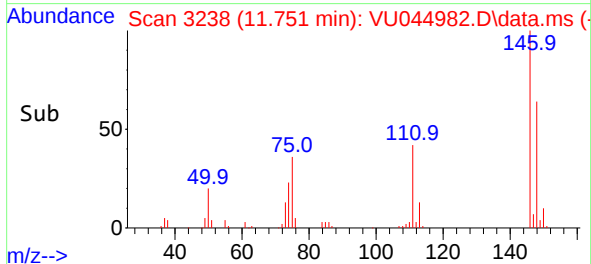
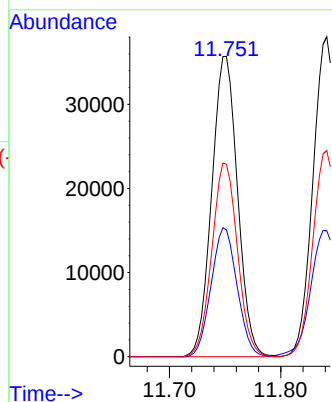
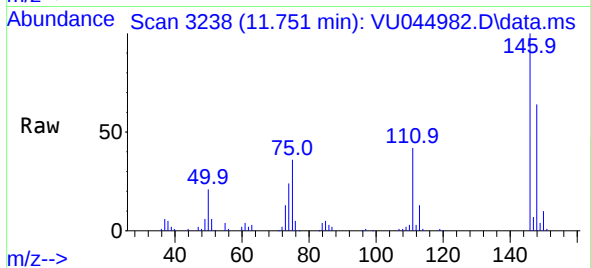
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.2	63.6
148	64.2	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#88

1,4-Dichlorobenzene

Concen: 17.794 ug/l

RT: 11.841 min Scan# 3266

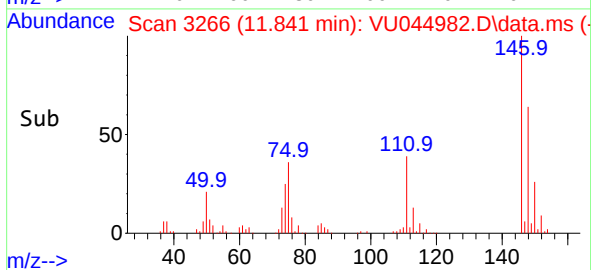
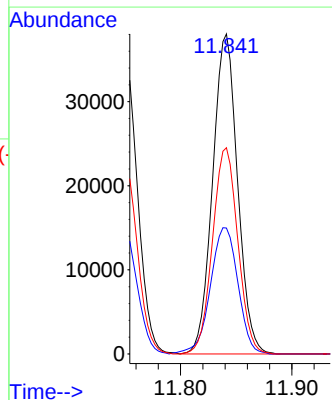
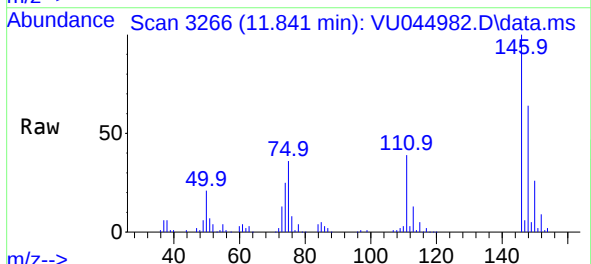
Delta R.T. 0.000 min

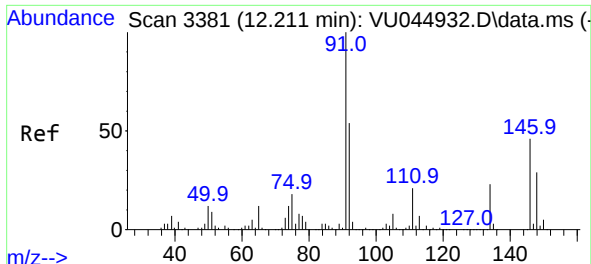
Lab File: VU044982.D

Acq: 29 Sep 2021 08:04

Tgt Ion:146 Resp: 59195

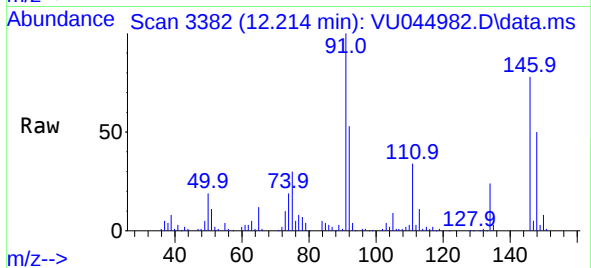
Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.3	61.0
148	65.5	31.8	95.3





#89
n-Butylbenzene
Concen: 13.597 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

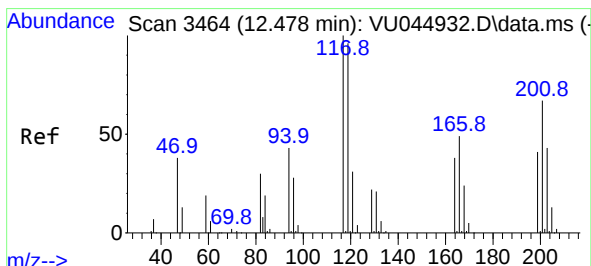
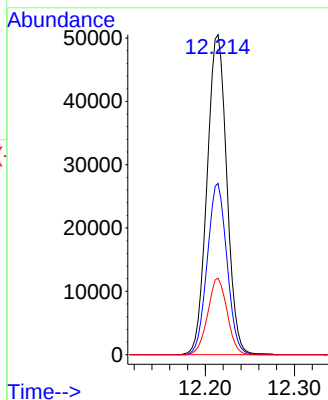
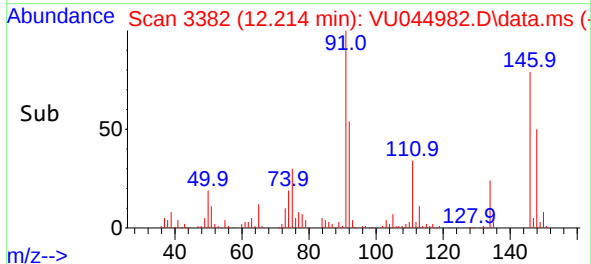
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



Tgt Ion: 91 Resp: 7774
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 23.4 11.8 35.4

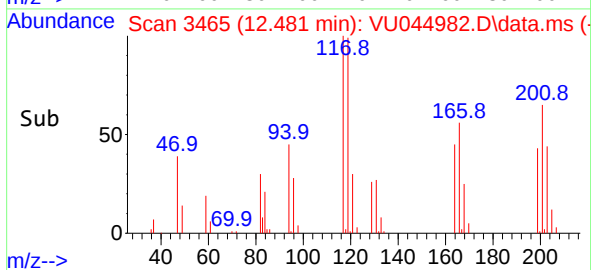
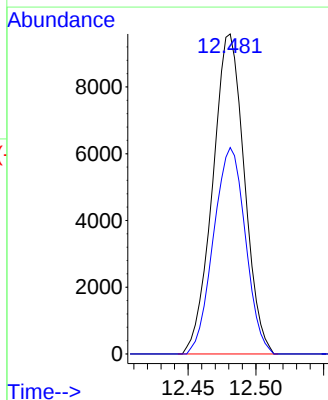
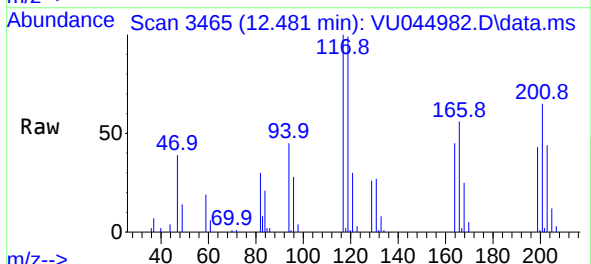
Manual Integrations
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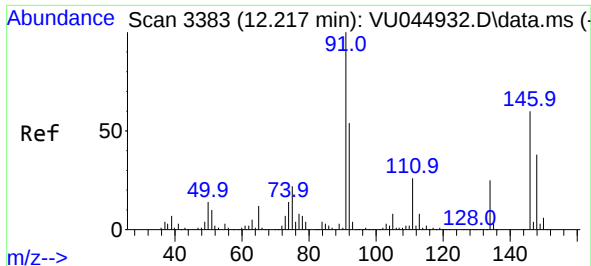
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 13.914 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

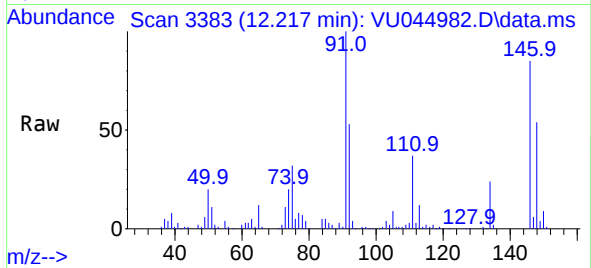
Tgt Ion:117 Resp: 15597
Ion Ratio Lower Upper
117 100
201 64.9 34.8 104.3





#91
1,2-Dichlorobenzene
Concen: 19.064 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

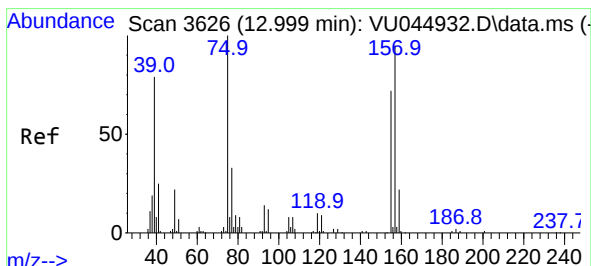
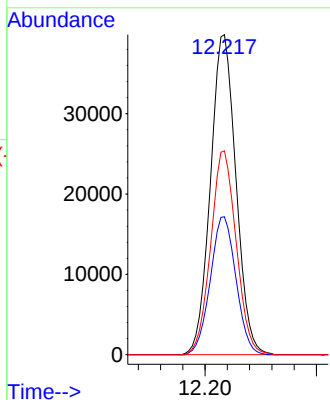
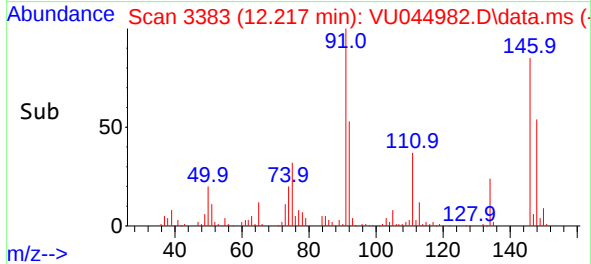
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



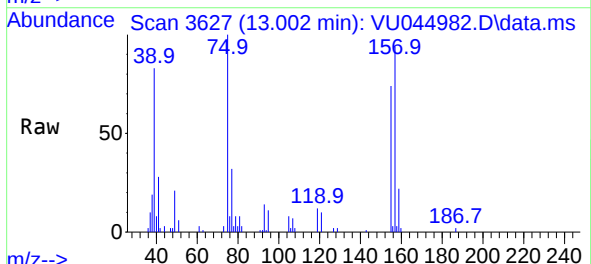
Tgt Ion:146 Resp: 63370
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.3
148 63.8 31.8 95.3

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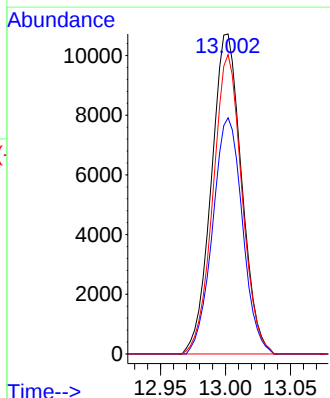
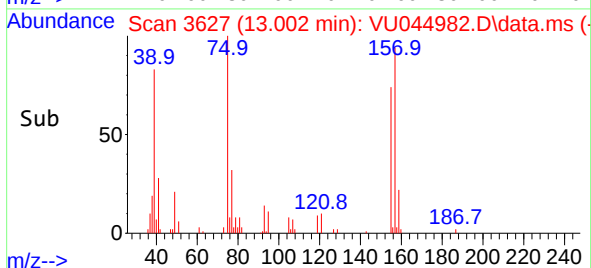
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

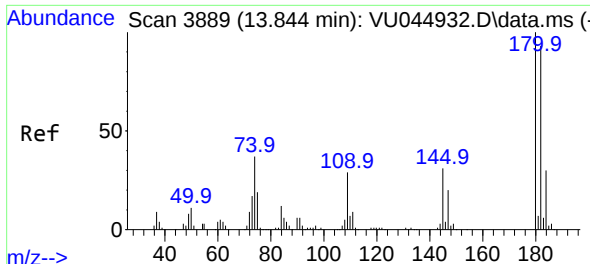


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.126 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



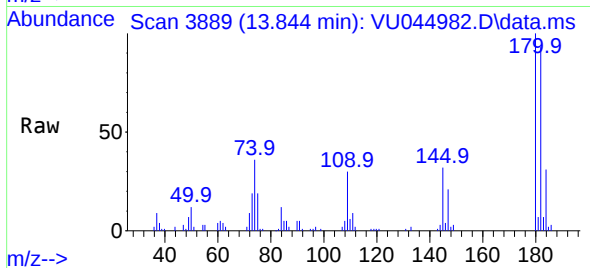
Tgt Ion: 75 Resp: 17322
Ion Ratio Lower Upper
75 100
155 72.8 36.9 110.6
157 89.4 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 17.408 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

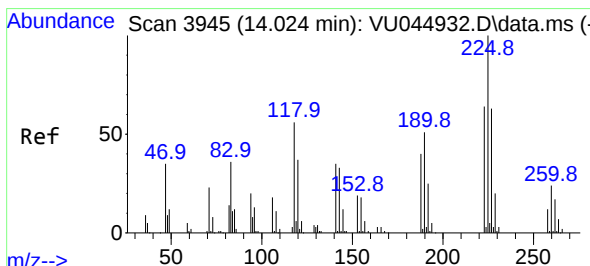
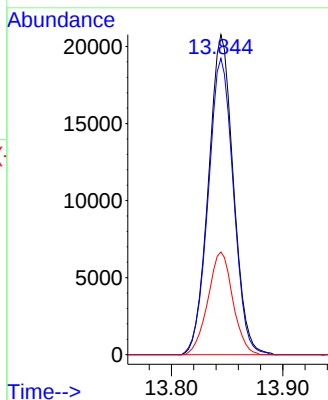
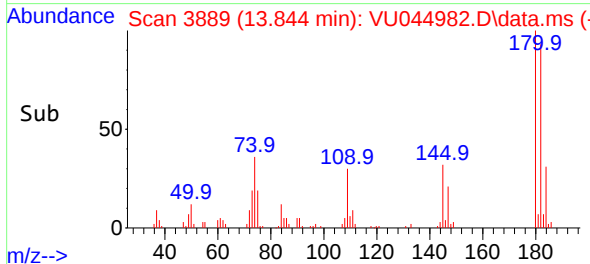
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



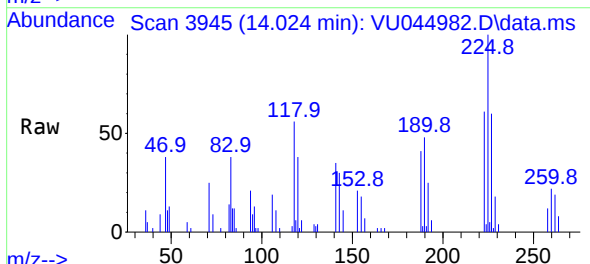
Tgt Ion:180 Resp: 32250
Ion Ratio Lower Upper
180 100
182 93.6 47.4 142.3
145 32.0 15.4 46.2

Manual Integrations
APPROVED

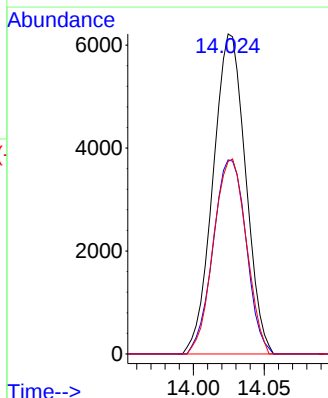
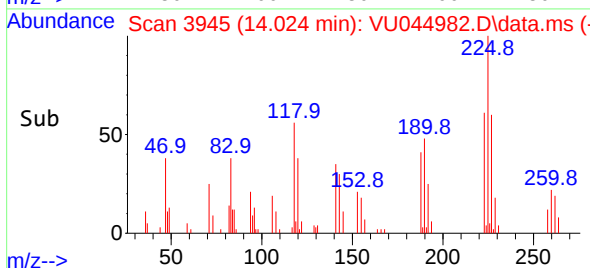
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

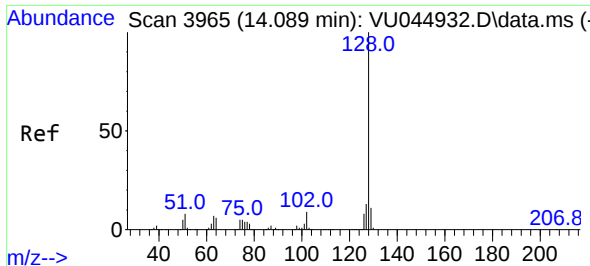


#94
Hexachlorobutadiene
Concen: 12.846 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



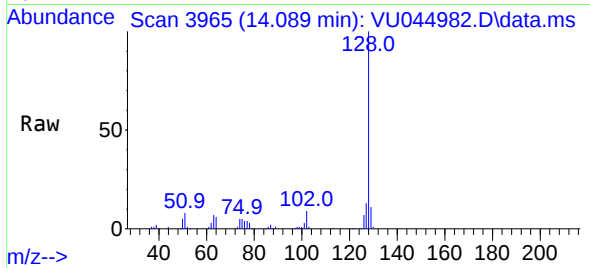
Tgt Ion:225 Resp: 9935
Ion Ratio Lower Upper
225 100
223 61.5 31.1 93.3
227 61.4 31.4 94.3





#95
Naphthalene
Concen: 20.640 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04

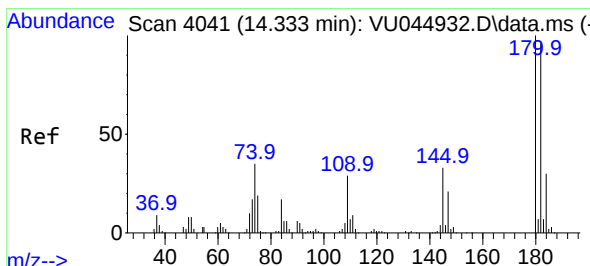
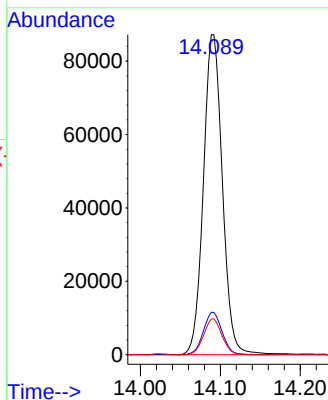
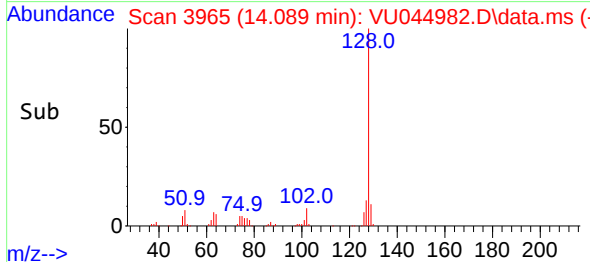
Instrument :
MSVOA_U
ClientSampleId :
VU0928WBSD03



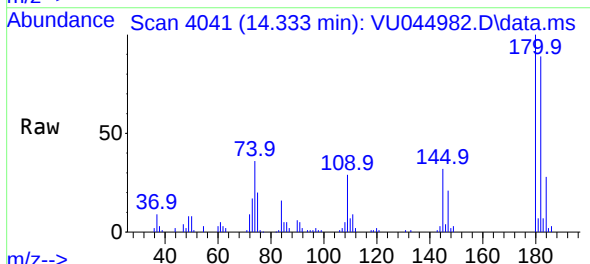
Tgt Ion:128 Resp: 143818
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.934 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044982.D
Acq: 29 Sep 2021 08:04



Tgt Ion:180 Resp: 35229
Ion Ratio Lower Upper
180 100
182 92.4 47.1 141.4
145 32.4 16.4 49.2

