

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
 Data File : VU042692.D
 Acq On : 17 Mar 2021 16:38
 Operator : SY/MD
 Sample : VU0317WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0317WBL01

Quant Time: Mar 18 07:30:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 18 07:25:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.124	96	16143	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	5600	0.78	ug/l	0.00
Spiked Amount	1.000		Recovery	=	78.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	6261	0.82	ug/l	0.00
Spiked Amount	1.000		Recovery	=	82.00%	
Target Compounds						
						Qvalue
3) Chloromethane	1.527	50	227	0.04	ug/l	# 80
4) Vinyl Chloride	1.607	62	40	0.01	ug/l	# 44
5) Bromomethane	1.861	94	334	0.09	ug/l	# 75
6) Chloroethane	1.941	64	97	0.02	ug/l	# 42
7) Trichlorofluoromethane	2.147	101	283	0.03	ug/l	# 19
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	20	0.00	ug/l	# 1
9) 1,1-Dichloroethene	2.588	96	82	0.02	ug/l	18
10) Iodomethane	2.736	142	286	0.04	ug/l	# 63
11) Allyl Chloride	2.938	41	342	0.04	ug/l	93
13) Acetone	2.633	43	100	0.10	ug/l	# 47
14) Carbon Disulfide	2.797	76	704	0.05	ug/l	# 46
15) Methylene Chloride	3.063	84	1044	0.20	ug/l	# 88
17) 1,1-Dichloroethane	3.880	63	162	0.02	ug/l	# 85
18) 2-Butanone	4.719	43	88	0.05	ug/l	78
19) Cyclohexane	5.385	56	81	0.01	ug/l	# 64
20) Methylcyclohexane	6.771	83	20	0.00	ug/l	# 1
21) 2,2-Dichloropropane	4.681	77	180	0.02	ug/l	# 55
25) Methyl tert-Butyl Ether	3.379	73	409	0.03	ug/l	# 88
27) Chloroform	5.096	83	346	0.04	ug/l	82
28) 1,1,1-Trichloroethane	5.321	97	59	0.01	ug/l	# 54
29) 1,1-Dichloropropene	5.372	75	69	0.01	ug/l	# 42
30) Carbon Tetrachloride	5.533	117	105	0.02	ug/l	# 10
31) Isopropyl Ether	4.012	45	614	0.04	ug/l	# 24
35) Benzene	5.784	78	474	0.03	ug/l	# 50
36) 1,2-Dichloroethane	5.809	62	94	0.01	ug/l	# 78
37) Trichloroethene	6.549	130	96	0.02	ug/l	# 1
39) Methacrylonitrile	4.986	41	19	0.01	ug/l	# 33
41) Tetrahydrofuran	5.086	42	201	0.17	ug/l	# 37
42) 1-Chlorobutane	5.462	56	166	0.02	ug/l	76
44) Bromodichloromethane	7.115	83	77	0.01	ug/l	# 25
45) 4-Methyl-2-Pentanone	7.816	43	654	0.16	ug/l	# 63
46) t-1,4-Dichloro-2-butene	10.642	75	3280	3.03	ug/l	# 18
48) Ethyl methacrylate	8.356	69	92	0.02	ug/l	# 8
49) Toluene	7.983	92	196	0.02	ug/l	# 20
50) t-1,3-Dichloropropene	8.227	75	148	0.03	ug/l	# 43
51) cis-1,3-Dichloropropene	7.623	75	123	0.02	ug/l	# 57
53) 1,3-Dichloropropane	8.594	76	42	0.01	ug/l	# 42
54) 2-Hexanone	8.716	43	499	0.17	ug/l	# 84
58) Tetrachloroethene	8.571	164	45	0.01	ug/l	# 1
59) Chlorobenzene	9.456	112	286	0.02	ug/l	# 43
62) Hexachloroethane	12.481	117	60	0.02	ug/l	# 5
63) Ethyl Benzene	9.574	91	728	0.03	ug/l	# 45
64) m/p-Xylenes	9.703	106	379	0.05	ug/l	77
65) o-Xylene	10.111	106	20	0.00	ug/l	# 1

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Instrument :
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 ClientSampleId :
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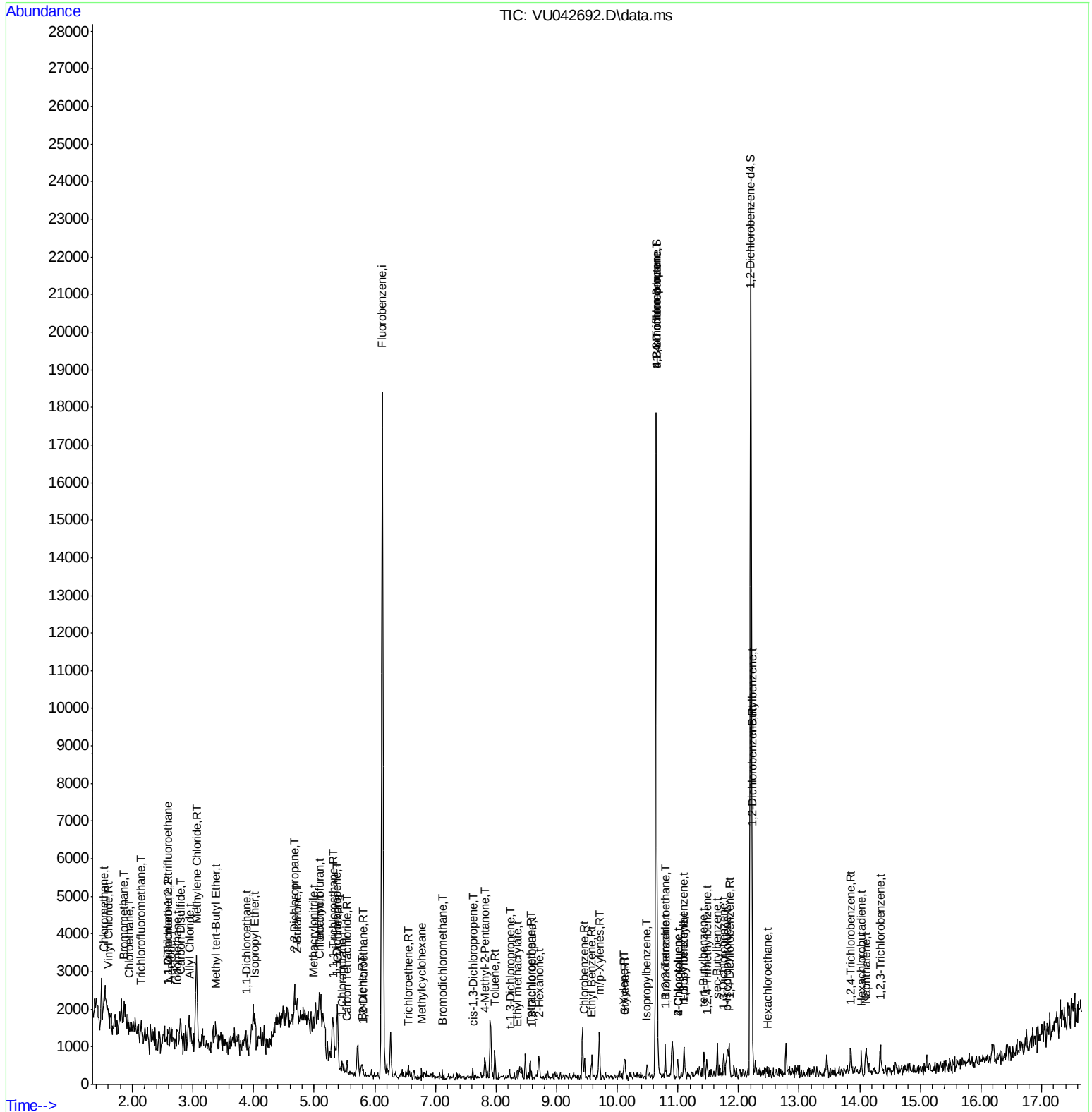
Quant Time: Mar 18 07:30:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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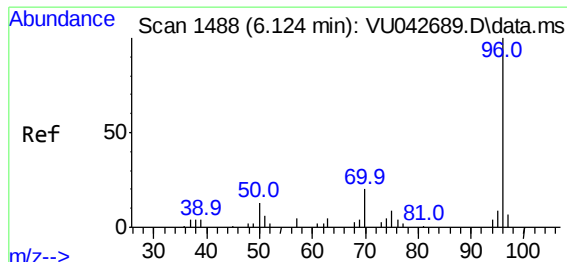
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

66) Styrene	10.128	104	367	0.03	ug/l #	31
69) Isopropylbenzene	10.488	105	460	0.02	ug/l #	48
70) 1,1,2,2-Tetrachloroethane	10.790	83	67	0.01	ug/l #	25
71) 1,2,3-Trichloropropane	10.642	75	3280	0.83	ug/l #	43
72) Bromobenzene	10.793	156	44	0.01	ug/l #	1
73) n-propylbenzene	11.099	120	126	0.02	ug/l #	58
74) 2-Chlorotoluene	10.999	126	44	0.01	ug/l #	1
75) 1,3,5-Trimethylbenzene	11.102	105	360	0.02	ug/l #	82
76) 4-Chlorotoluene	10.999	126	44	0.01	ug/l #	1
77) tert-Butylbenzene	11.423	119	423	0.02	ug/l #	84
78) 1,2,4-Trimethylbenzene	11.478	105	453	0.02	ug/l #	68
79) sec-Butylbenzene	11.652	105	560	0.02	ug/l #	73
81) p-Isopropyltoluene	11.803	119	611	0.03	ug/l #	74
82) 1,3-Dichlorobenzene	11.758	146	364	0.03	ug/l #	71
83) 1,4-Dichlorobenzene	11.848	146	325	0.03	ug/l #	64
84) n-Butylbenzene	12.221	91	676	0.03	ug/l #	66
85) 1,2-Dichlorobenzene	12.224	146	398	0.03	ug/l #	86
87) 1,2,4-Trichlorobenzene	13.851	180	340	0.04	ug/l #	58
88) Hexachlorobutadiene	14.028	225	150	0.03	ug/l #	49
89) Naphthalene	14.105	128	861	0.87	ug/l #	68
90) 1,2,3-Trichlorobenzene	14.346	180	344	0.05	ug/l #	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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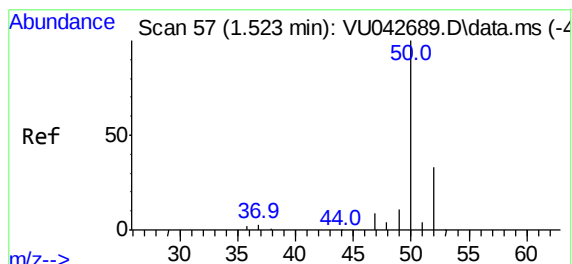
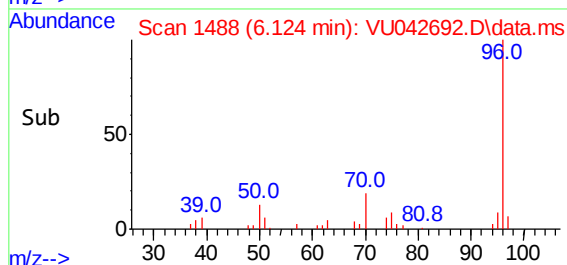
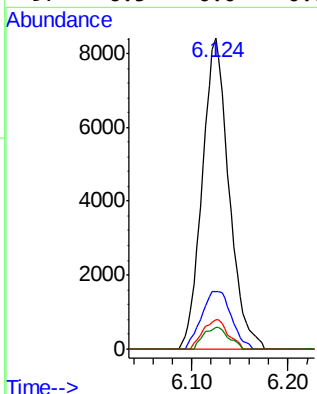
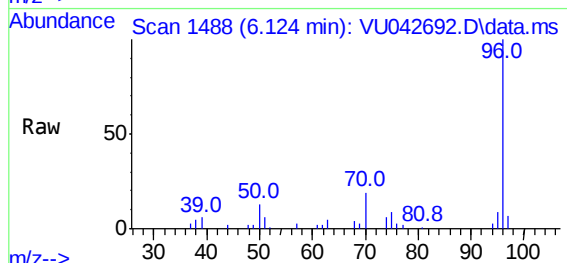




#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.124 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VU042692.D
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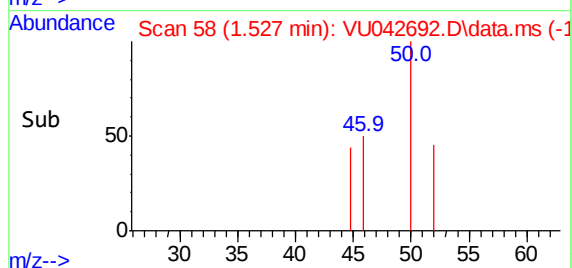
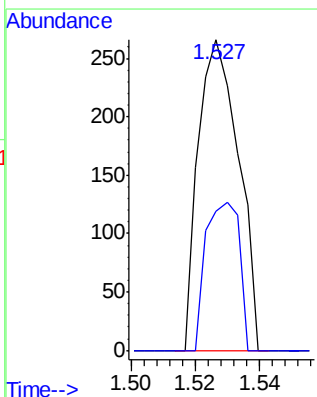
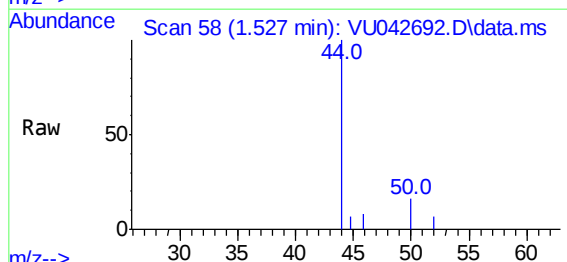
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

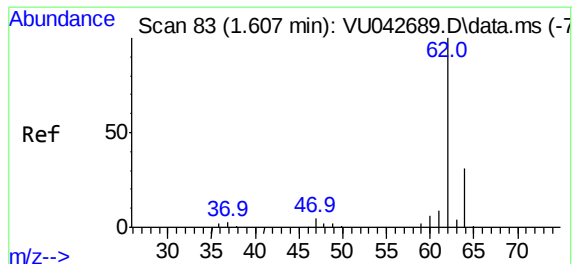
Tgt Ion: 96 Resp: 16143
Ion Ratio Lower Upper
96 100
70 20.7 17.2 25.8
95 8.8 8.0 12.0
97 6.5 0.0 0.0#



#3
Chloromethane
Concen: 0.04 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 44.7 26.6 40.0#

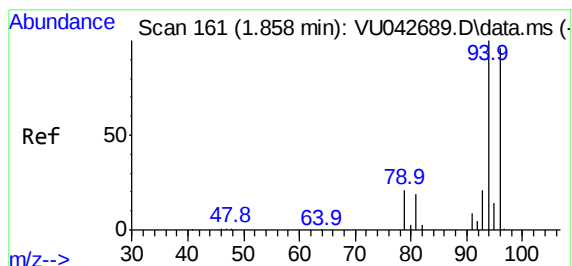
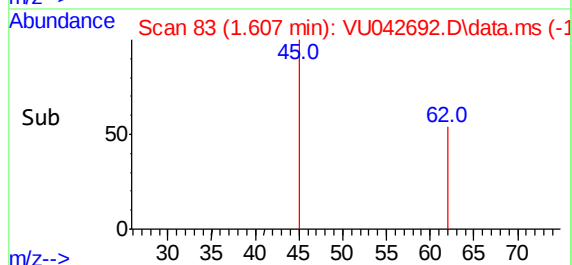
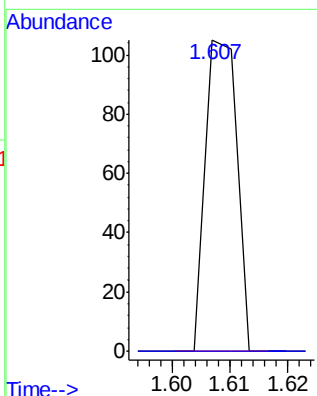
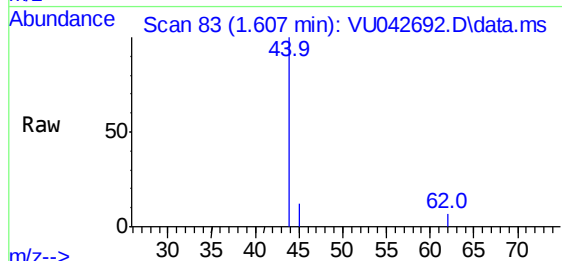




#4
 Vinyl Chloride
 Concen: 0.01 ug/l
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

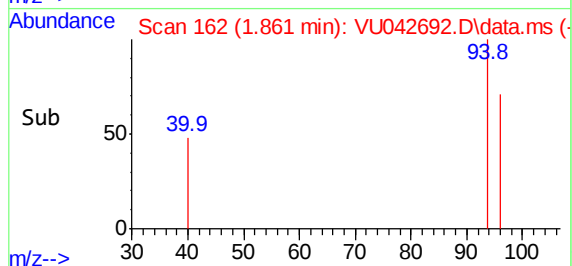
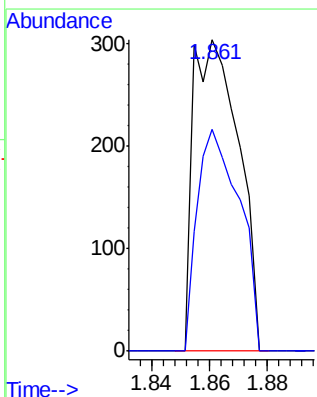
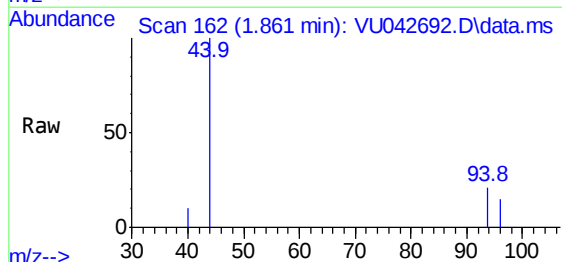
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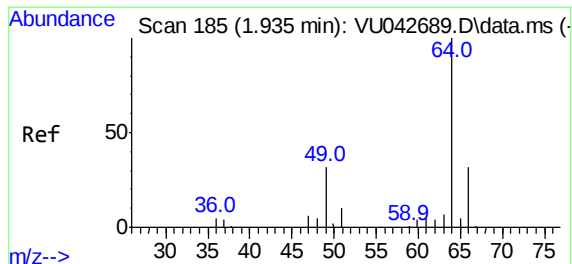
Tgt Ion: 62 Resp: 40
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.6 36.8#



#5
 Bromomethane
 Concen: 0.09 ug/l
 RT: 1.861 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

Tgt Ion: 94 Resp: 334
 Ion Ratio Lower Upper
 94 100
 96 71.4 76.4 114.6#

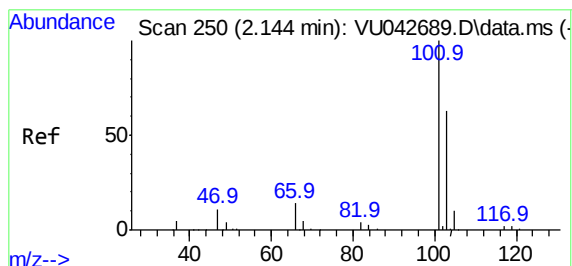
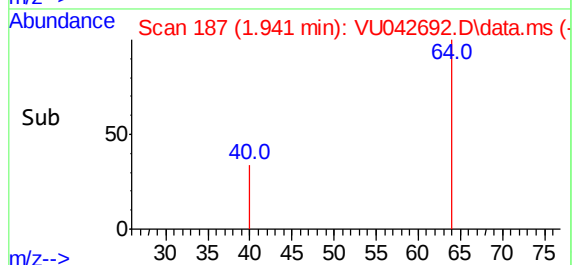
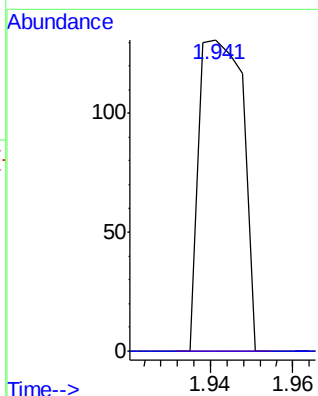
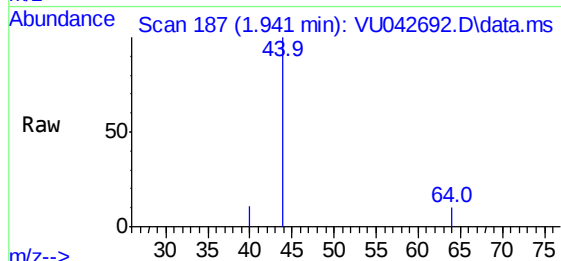




#6
Chloroethane
Concen: 0.02 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

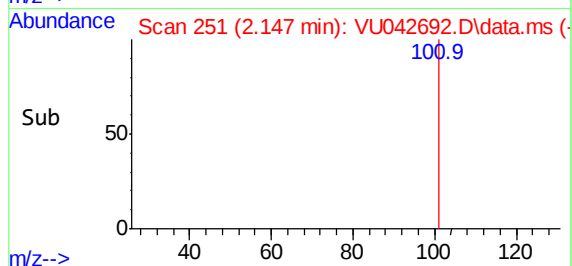
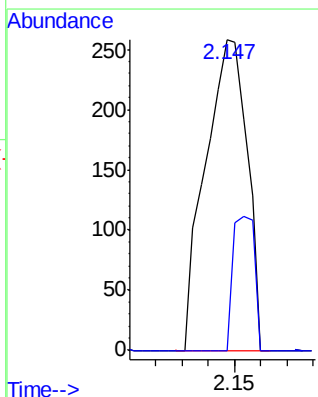
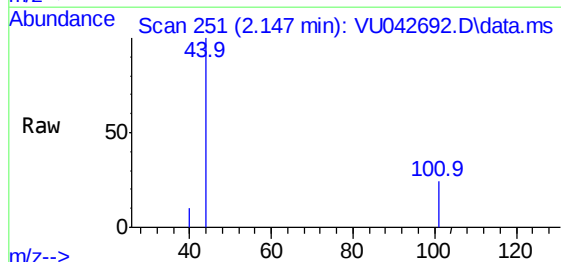
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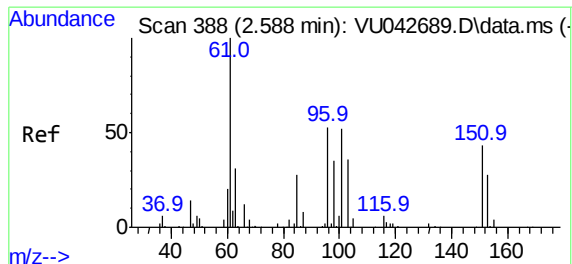
Tgt Ion: 64 Resp: 97
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#



#7
Trichlorofluoromethane
Concen: 0.03 ug/l
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 101 Resp: 283
Ion Ratio Lower Upper
101 100
103 0.0 50.7 76.1#

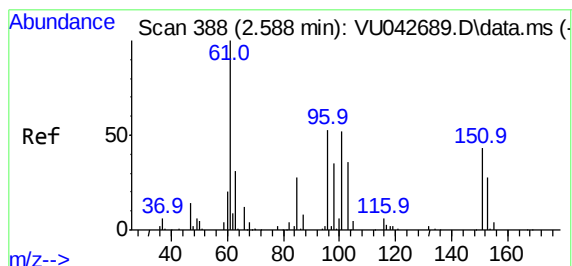
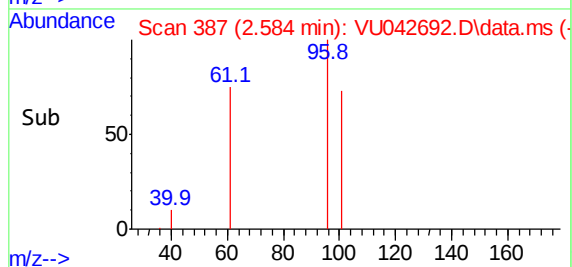
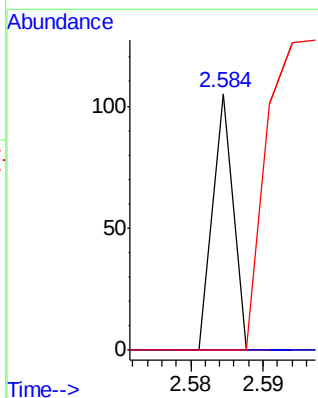
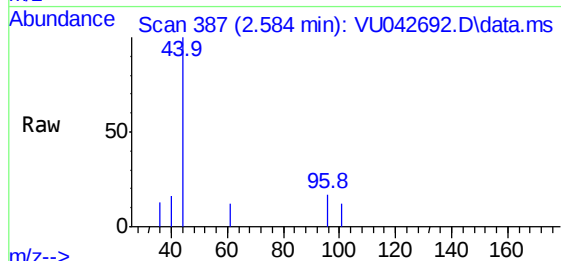




#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.00 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

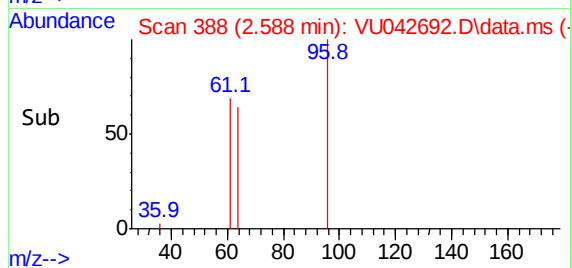
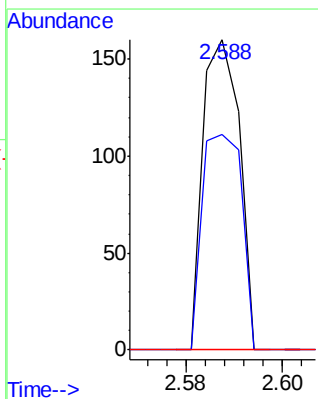
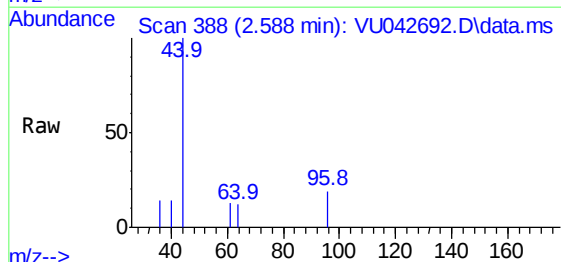
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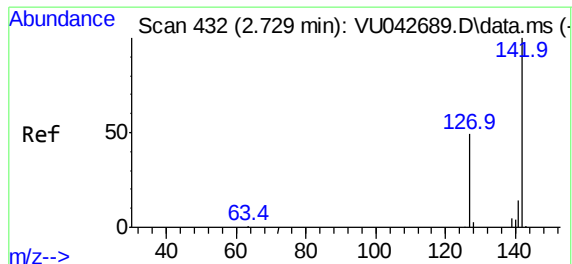
Tgt Ion:101 Resp: 20
 Ion Ratio Lower Upper
 101 100
 85 0.0 39.7 59.5#
 151 340.0 65.0 97.6#



#9
 1,1-Dichloroethene
 Concen: 0.02 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

Tgt Ion: 96 Resp: 82
 Ion Ratio Lower Upper
 96 100
 61 69.4 0.0 569.1
 98 0.0 0.0 133.6

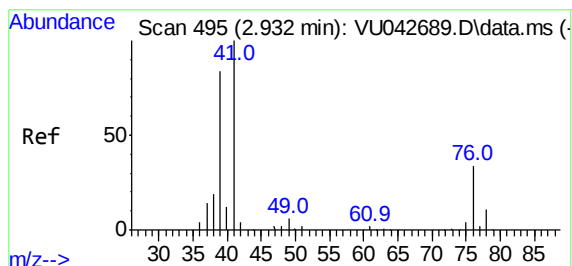
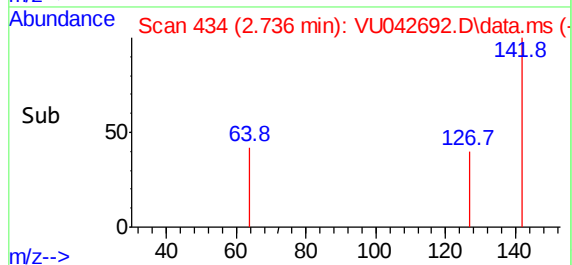
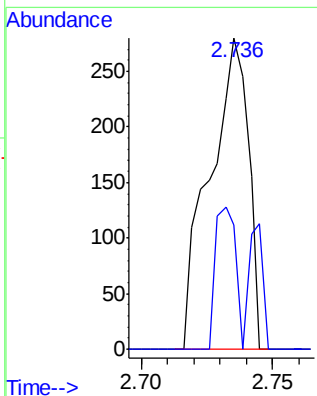
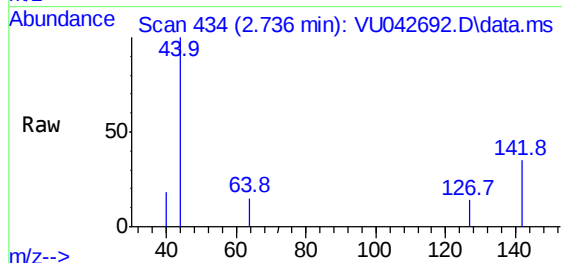




#10
Iodomethane
Concen: 0.04 ug/l
RT: 2.736 min Scan# 434
Delta R.T. 0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

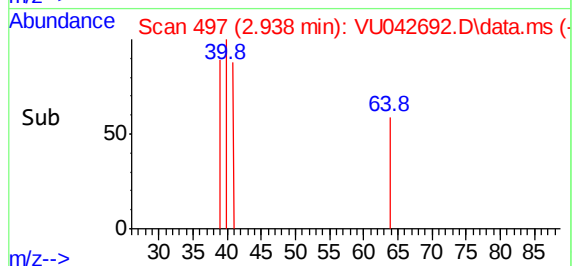
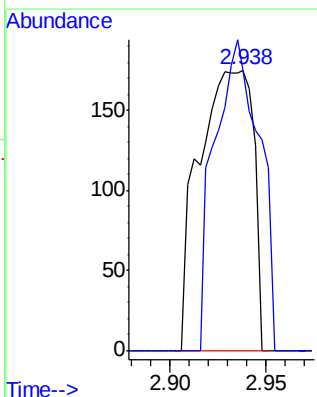
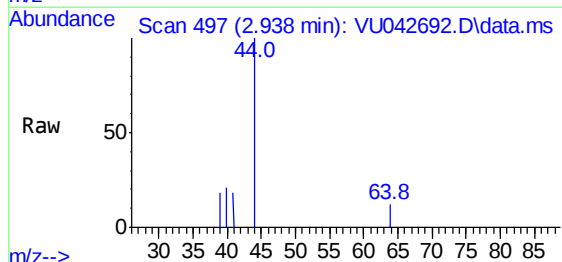
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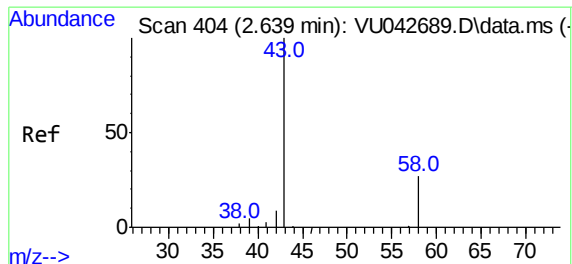
Tgt Ion:142 Resp: 286
Ion Ratio Lower Upper
142 100
127 24.1 39.4 59.0#



#11
Allyl Chloride
Concen: 0.04 ug/l
RT: 2.938 min Scan# 497
Delta R.T. 0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 41 Resp: 342
Ion Ratio Lower Upper
41 100
39 90.9 67.8 101.6

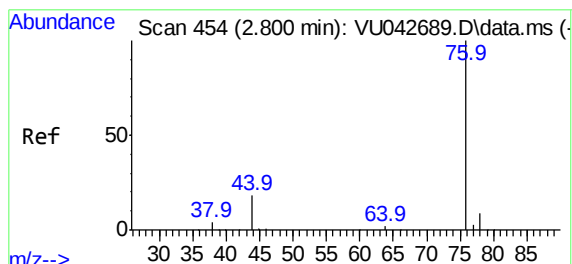
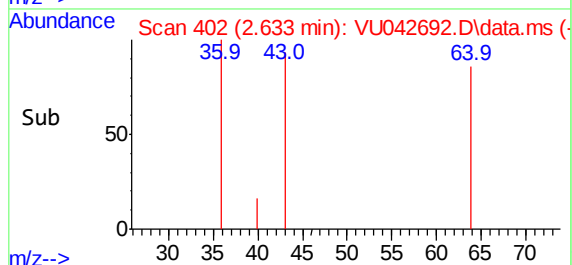
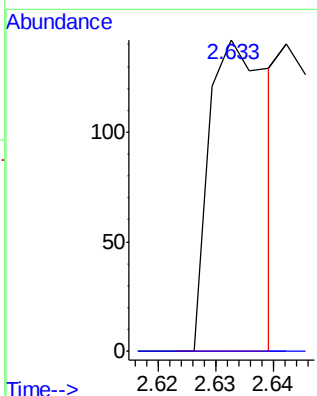
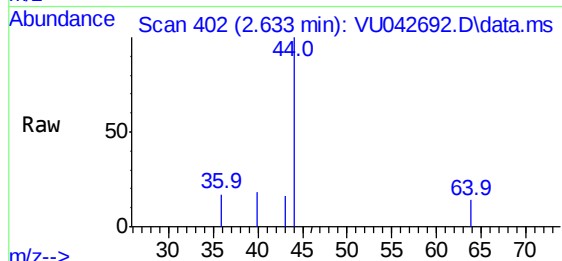




#13
Acetone
Concen: 0.10 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

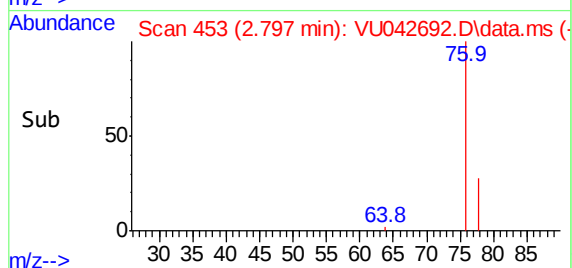
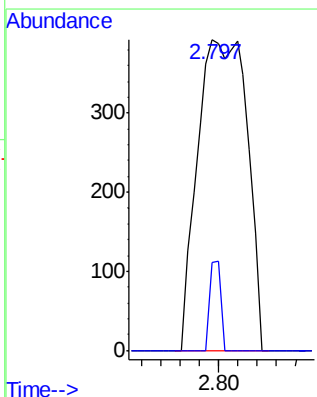
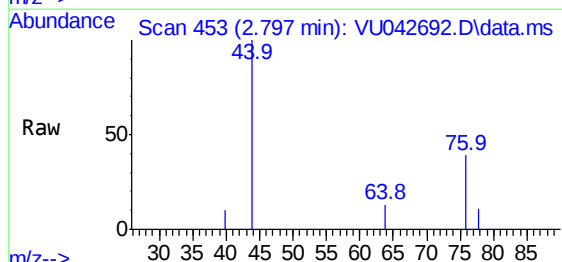
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ClientSampleId :
VU0317WBL01

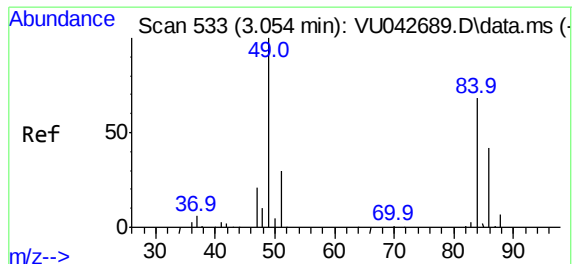
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#14
Carbon Disulfide
Concen: 0.05 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 76 Resp: 704
Ion Ratio Lower Upper
76 100
78 28.2 7.0 10.6#

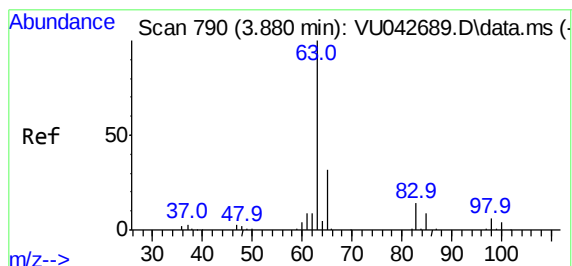
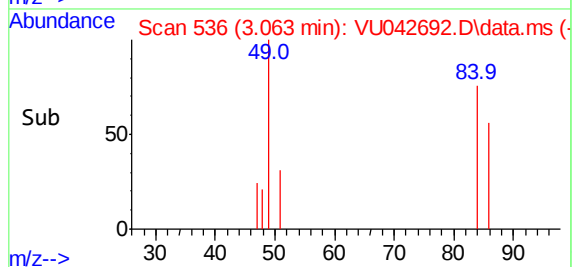
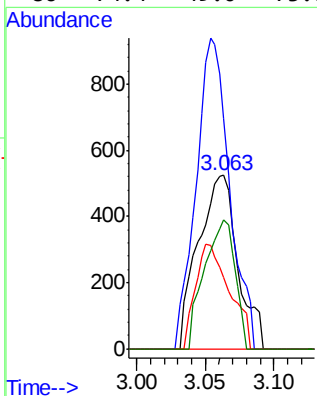
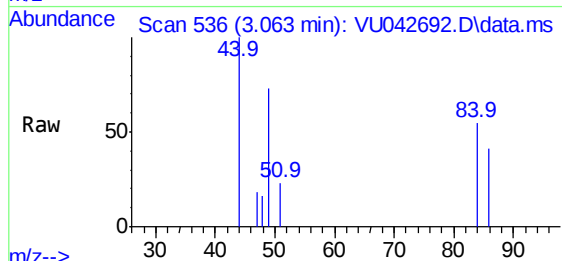




#15
Methylene Chloride
Concen: 0.20 ug/l
RT: 3.063 min Scan# 536
Delta R.T. 0.010 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

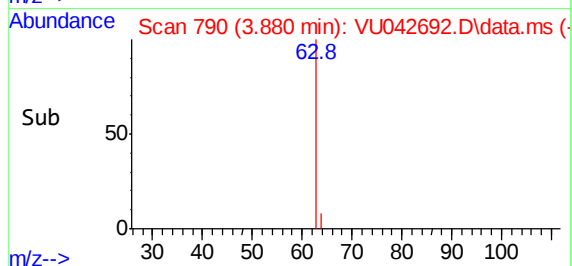
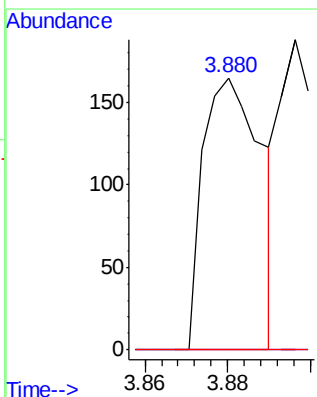
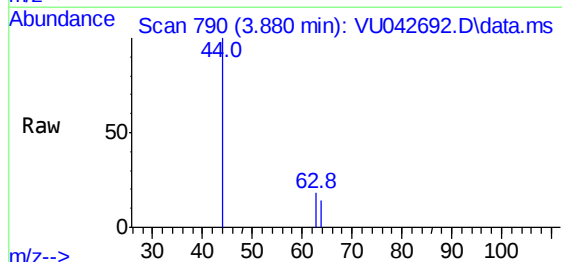
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

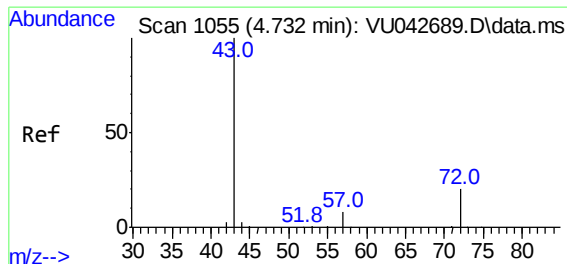
Tgt Ion: 84 Resp: 1044
Ion Ratio Lower Upper
84 100
49 132.4 117.4 176.0
51 41.2 0.0 88.6
86 74.4 49.0 73.6#



#17
1,1-Dichloroethane
Concen: 0.02 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 63 Resp: 162
Ion Ratio Lower Upper
63 100
98 0.0 2.9 8.8#
100 0.0 2.1 6.2#

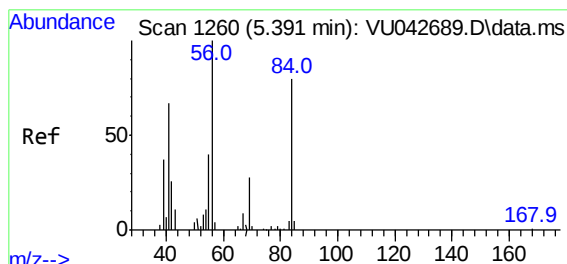
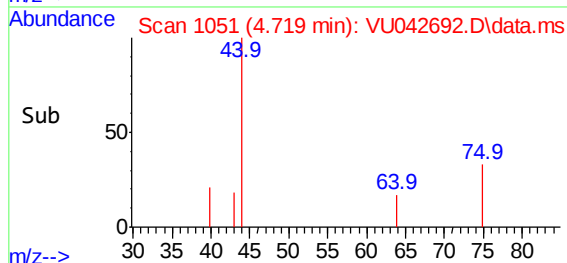
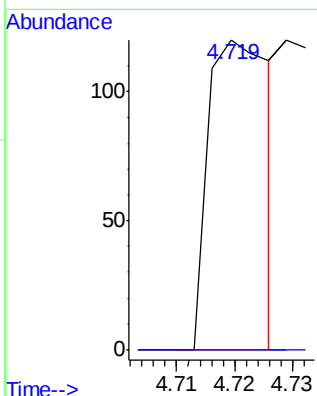
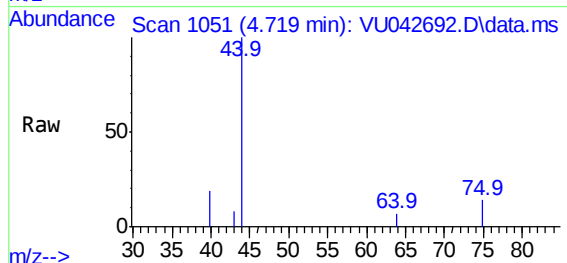




#18
2-Butanone
Concen: 0.05 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. -0.013 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

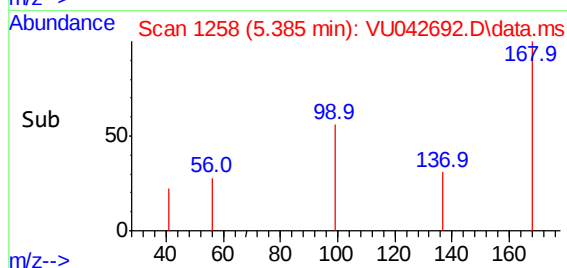
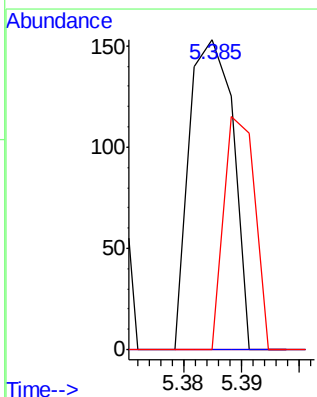
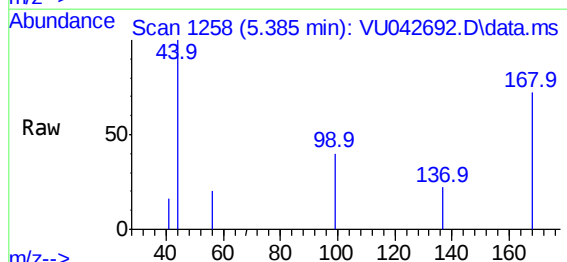
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

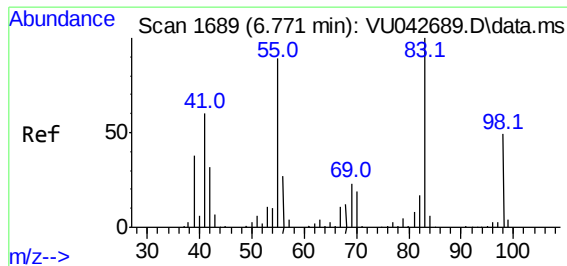
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
57 0.0 0.0 15.4



#19
Cyclohexane
Concen: 0.01 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
69 0.0 22.9 34.3#
84 53.1 63.0 94.6#

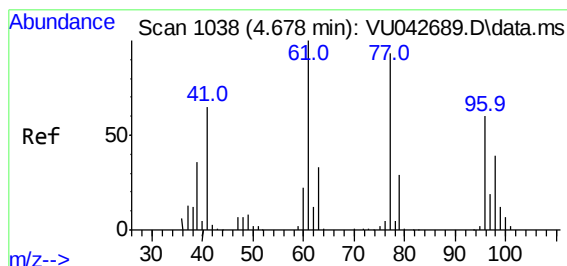
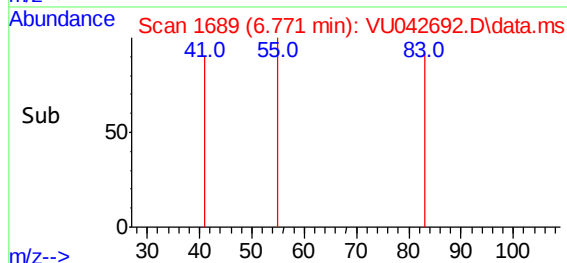
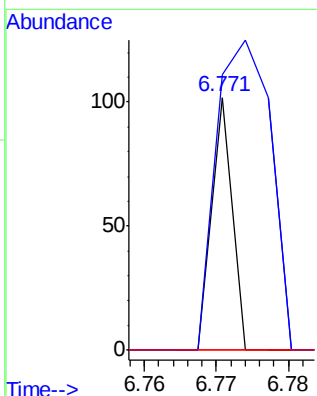
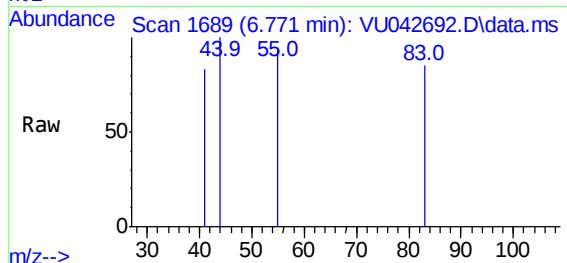




#20
Methylcyclohexane
Concen: 0.00 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

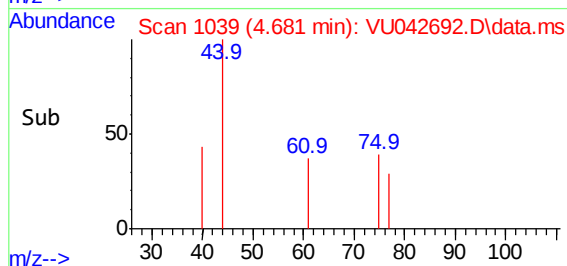
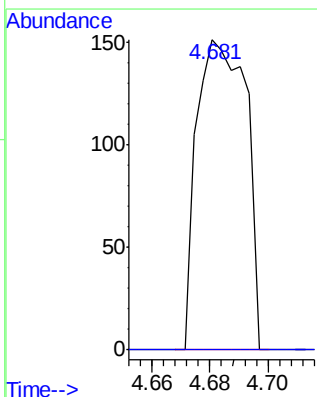
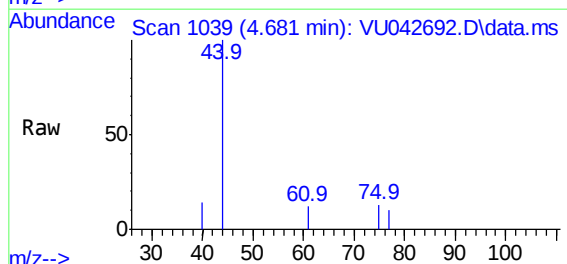
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

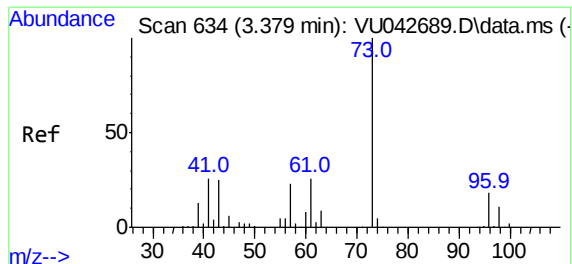
Tgt Ion: 83 Resp: 20
Ion Ratio Lower Upper
83 100
55 325.0 71.4 107.2#
98 0.0 37.3 55.9#



#21
2,2-Dichloropropane
Concen: 0.02 ug/l
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 77 Resp: 180
Ion Ratio Lower Upper
77 100
97 0.0 17.1 25.7#

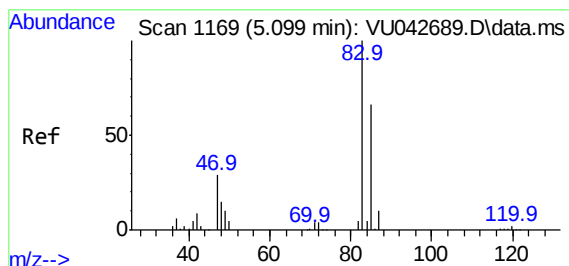
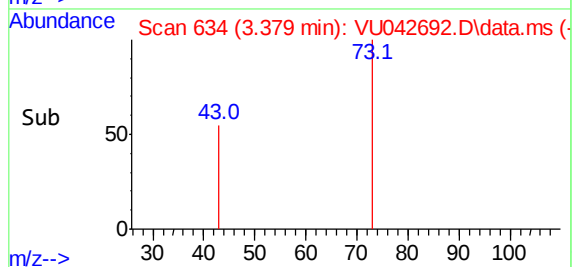
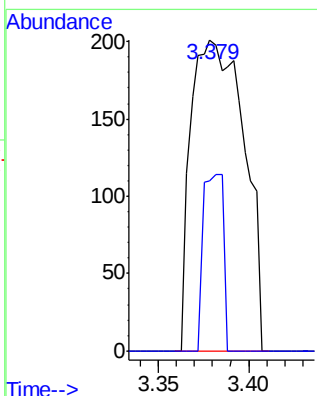
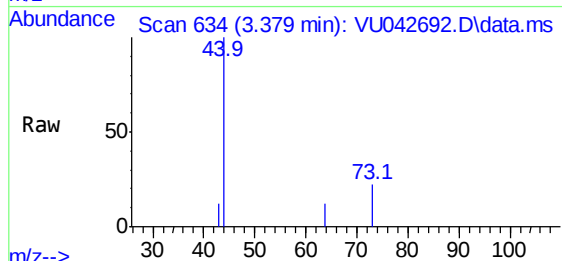




#25
Methyl tert-Butyl Ether
Concen: 0.03 ug/l
RT: 3.379 min Scan# 634
Delta R.T. 0.000 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

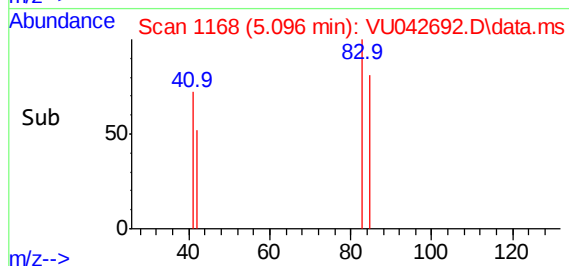
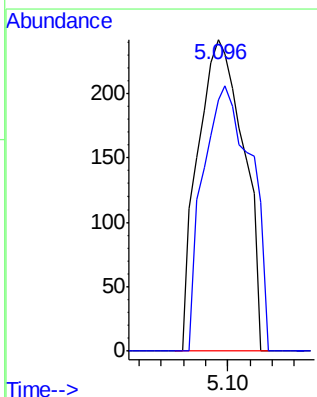
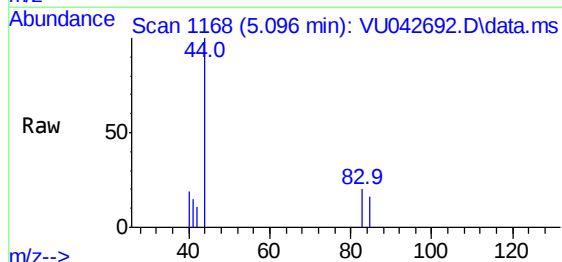
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

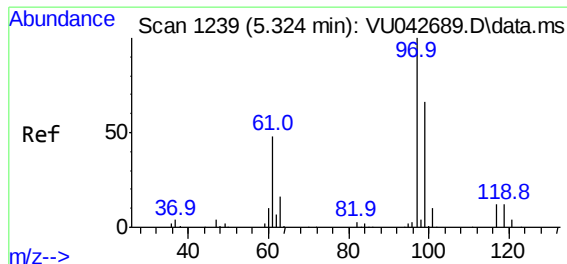
Tgt Ion: 73 Resp: 409
Ion Ratio Lower Upper
73 100
43 21.0 21.9 32.9#



#27
Chloroform
Concen: 0.04 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 83 Resp: 346
Ion Ratio Lower Upper
83 100
85 80.6 0.0 132.2

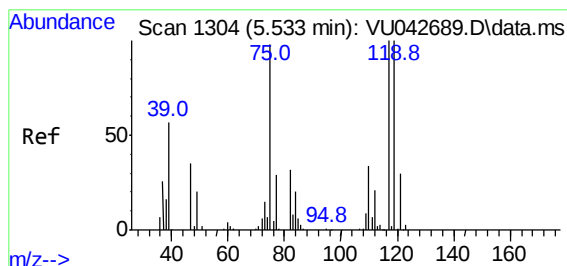
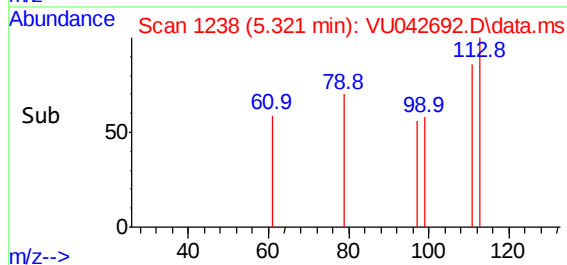
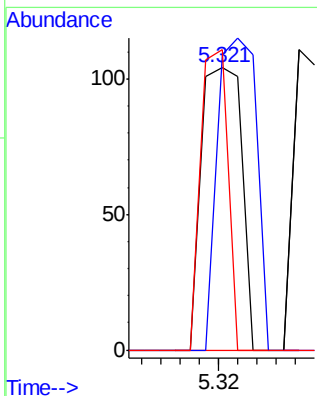
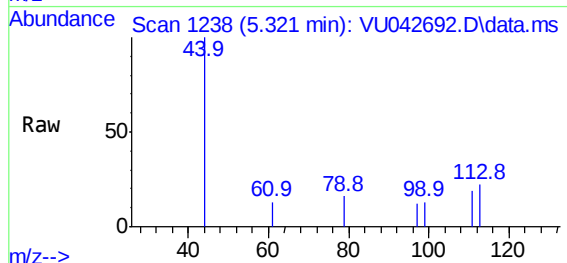




#28
1,1,1-Trichloroethane
Concen: 0.01 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

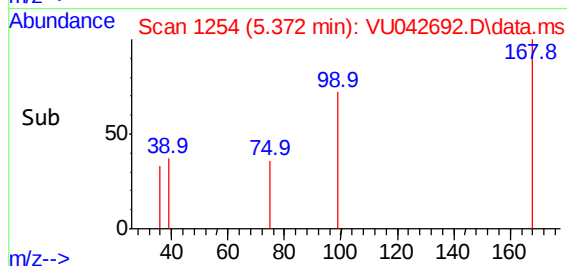
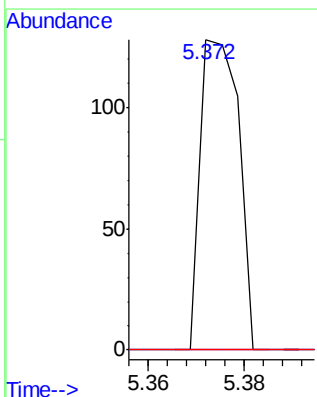
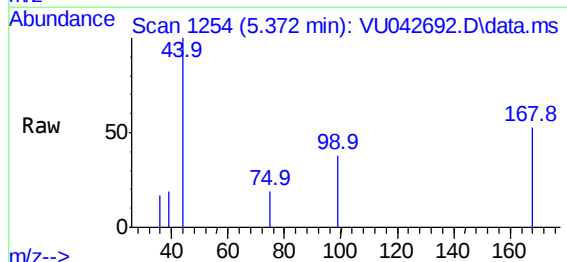
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

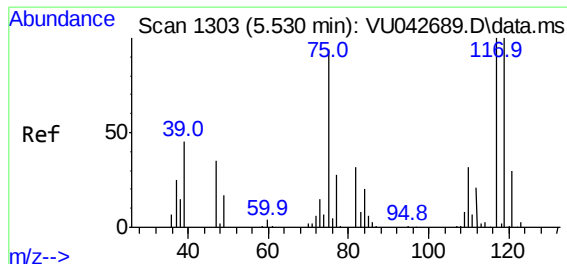
Tgt Ion: 97 Resp: 59
Ion Ratio Lower Upper
97 100
99 108.5 32.8 98.3#
61 71.2 24.1 72.4



#29
1,1-Dichloropropene
Concen: 0.01 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.161 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 75 Resp: 69
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.2#
77 0.0 24.1 36.1#

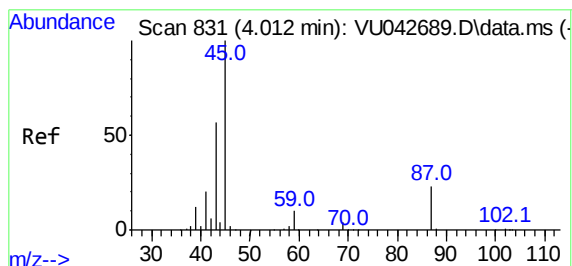
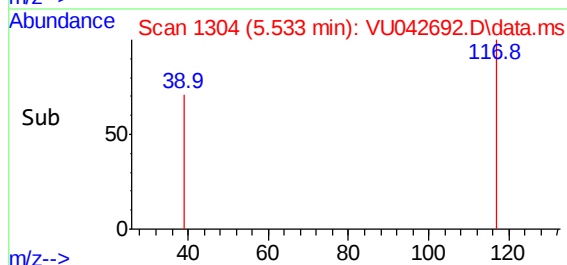
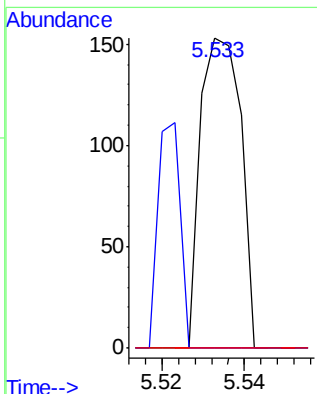
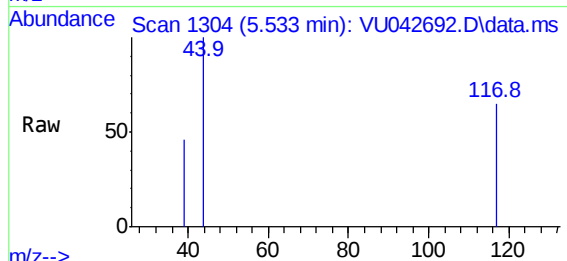




#30
Carbon Tetrachloride
Concen: 0.02 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

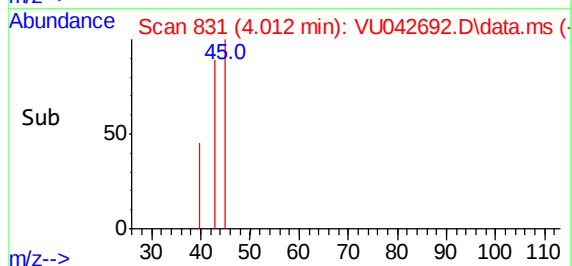
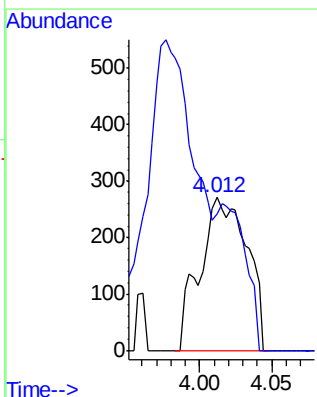
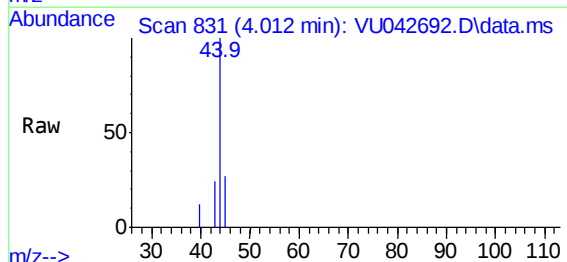
Instrument :
MSVOA_U
ClientSampleId :
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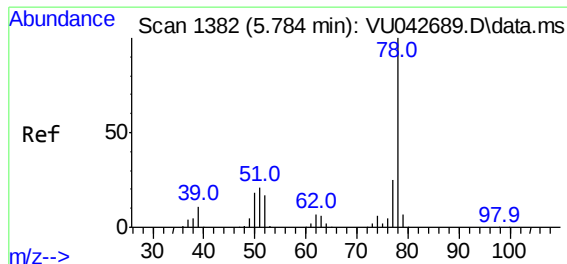
Tgt Ion:117 Resp: 105
Ion Ratio Lower Upper
117 100
119 0.0 79.8 119.8#
121 0.0 24.1 36.1#



#31
Isopropyl Ether
Concen: 0.04 ug/l
RT: 4.012 min Scan# 831
Delta R.T. 0.000 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 45 Resp: 614
Ion Ratio Lower Upper
45 100
43 0.0 27.8 83.3#

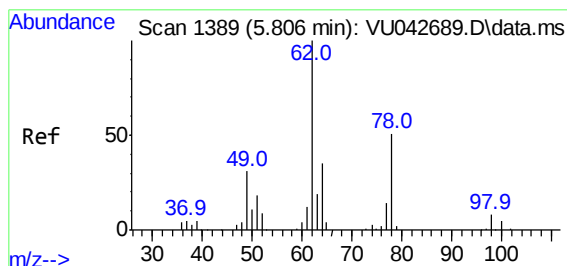
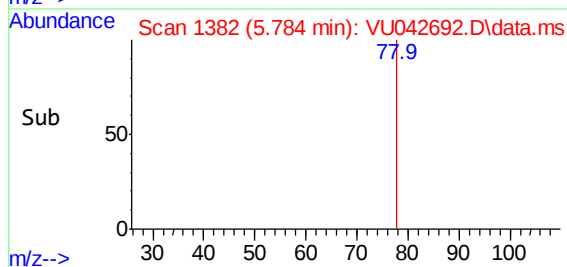
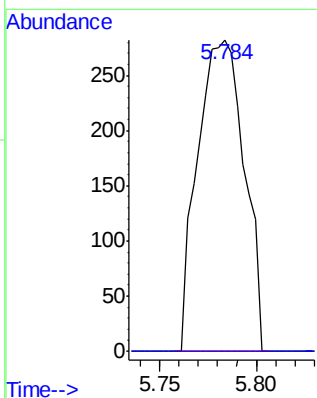
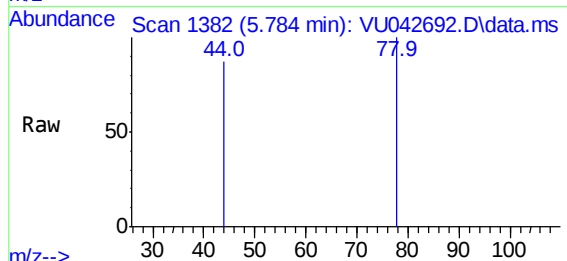




#35
Benzene
Concen: 0.03 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

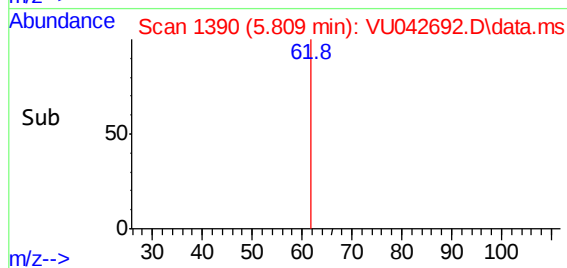
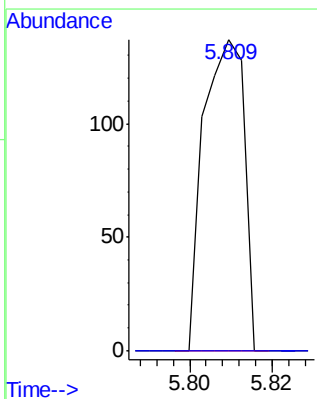
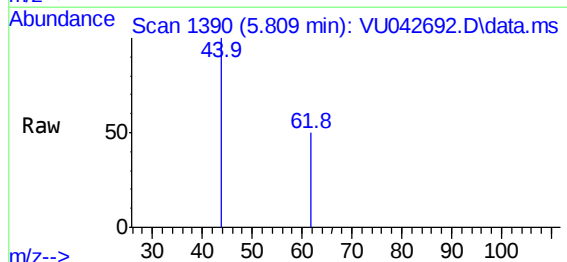
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

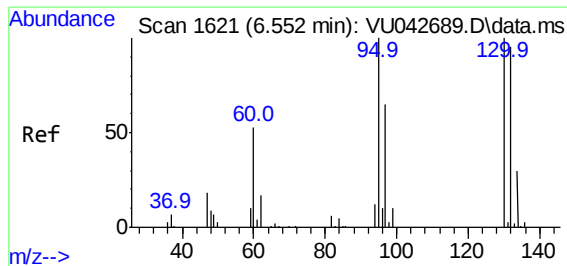
Tgt Ion: 78 Resp: 474
Ion Ratio Lower Upper
78 100
77 0.0 20.2 30.2#



#36
1,2-Dichloroethane
Concen: 0.01 ug/l
RT: 5.809 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 62 Resp: 94
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

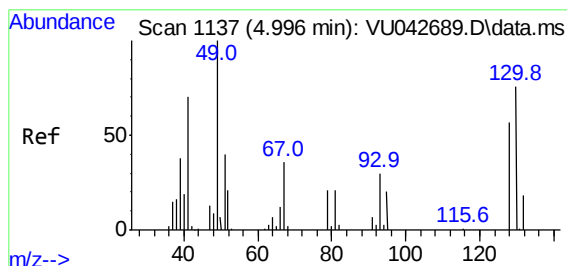
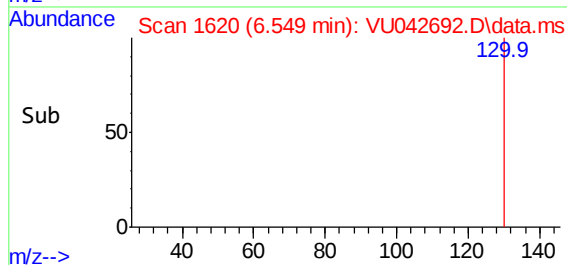
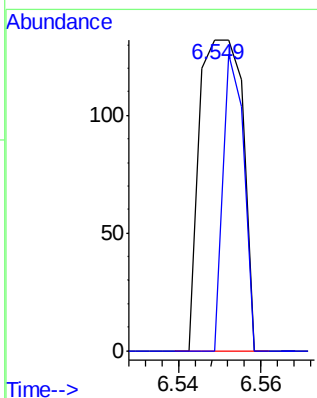
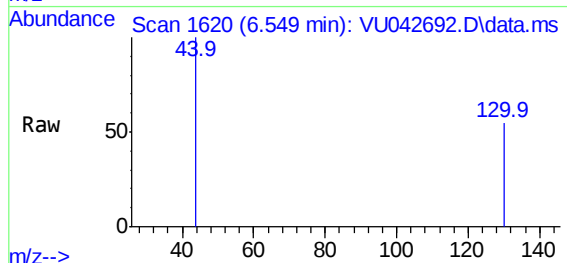




#37
Trichloroethene
Concen: 0.02 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

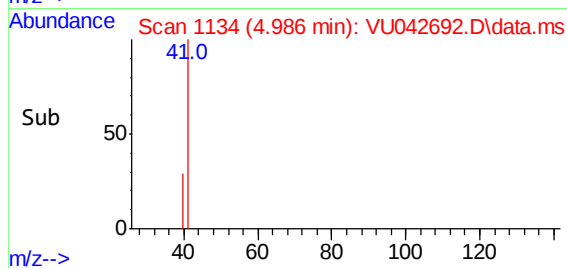
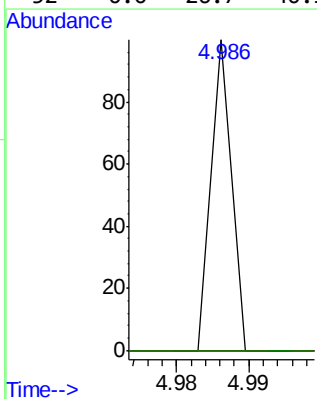
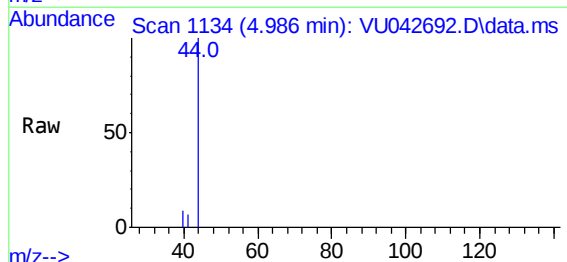
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

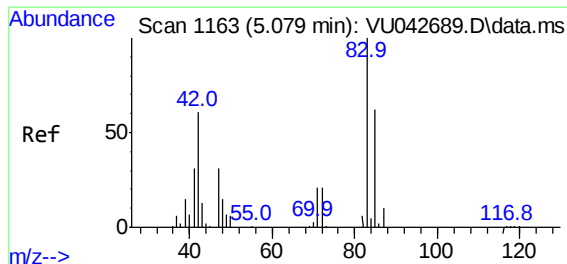
Tgt Ion:130 Resp: 96
Ion Ratio Lower Upper
130 100
95 0.0 80.3 120.5#



#39
Methacrylonitrile
Concen: 0.01 ug/l
RT: 4.986 min Scan# 1134
Delta R.T. -0.010 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 41 Resp: 19
Ion Ratio Lower Upper
41 100
67 0.0 46.0 69.0#
39 105.3 47.6 71.4#
52 0.0 26.7 40.1#

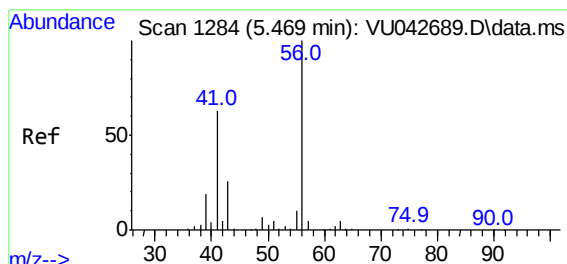
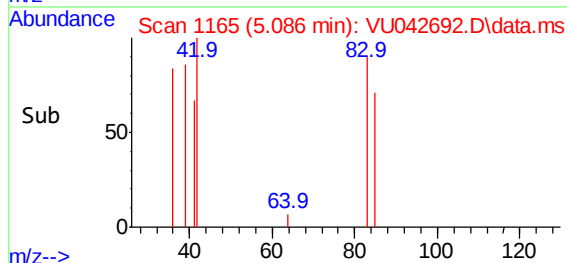
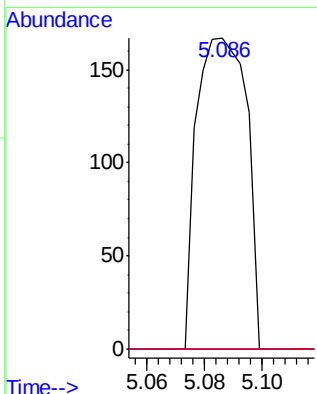
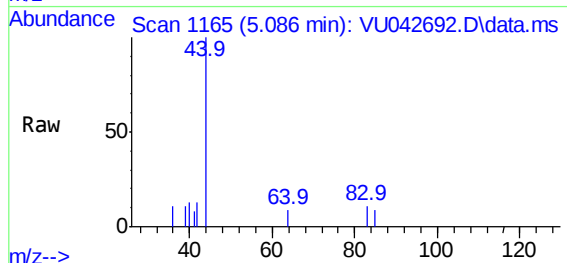




#41
Tetrahydrofuran
Concen: 0.17 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. 0.007 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

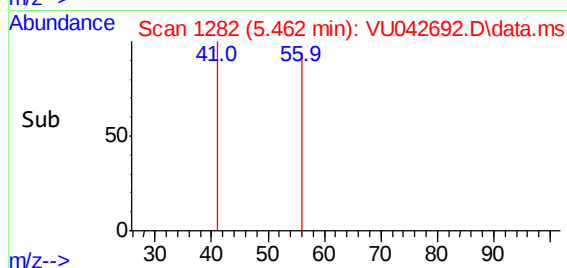
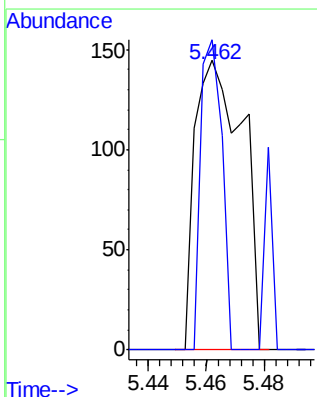
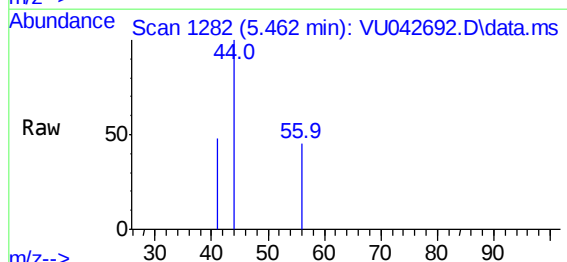
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

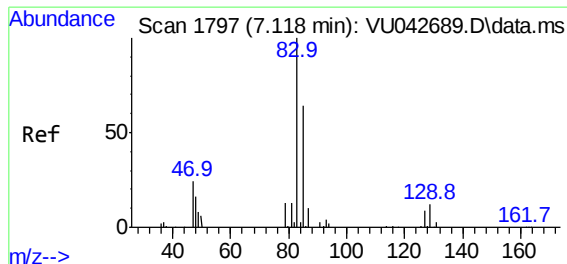
Tgt Ion: 42 Resp: 201
Ion Ratio Lower Upper
42 100
72 0.0 31.7 47.5#
71 0.0 29.0 43.4#



#42
1-Chlorobutane
Concen: 0.02 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
41 47.0 32.9 98.7





#44

Bromodichloromethane

Concen: 0.01 ug/l

RT: 7.115 min Scan# 1796

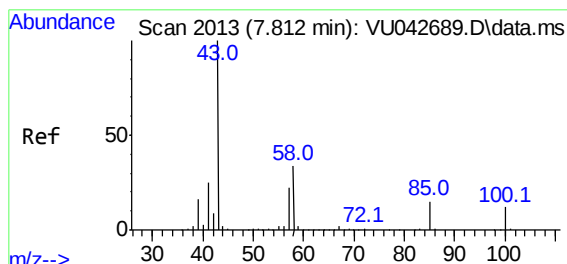
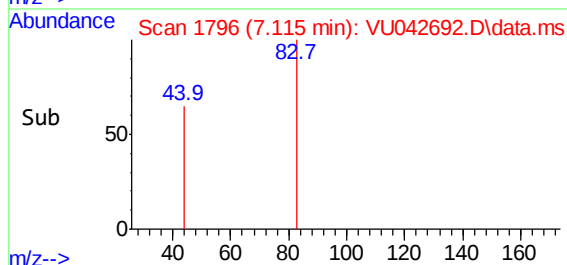
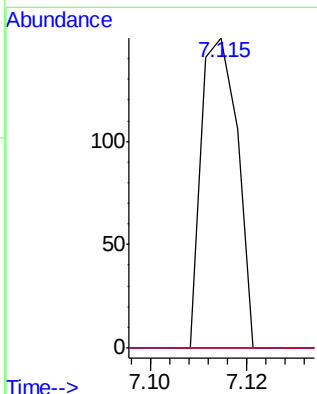
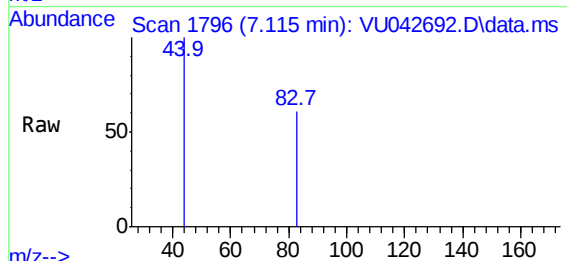
Delta R.T. -0.003 min

Lab File: VU042692.D

Acq: 17 Mar 2021 16:38

Tgt Ion:	83	Resp:	77
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#
127	0.0	7.1	10.7#

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01



#45

4-Methyl-2-Pentanone

Concen: 0.16 ug/l

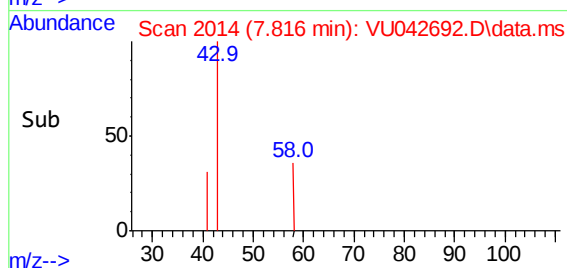
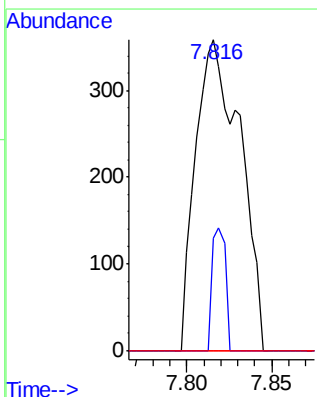
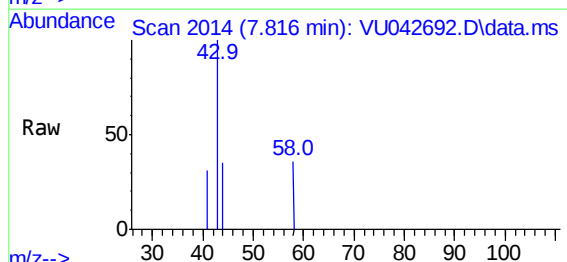
RT: 7.816 min Scan# 2014

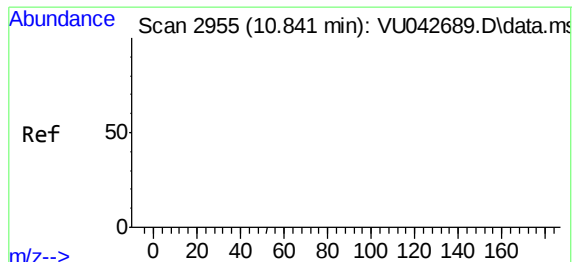
Delta R.T. 0.003 min

Lab File: VU042692.D

Acq: 17 Mar 2021 16:38

Tgt Ion:	43	Resp:	654
Ion	Ratio	Lower	Upper
43	100		
58	11.6	16.8	50.3#
85	0.0	11.4	17.2#

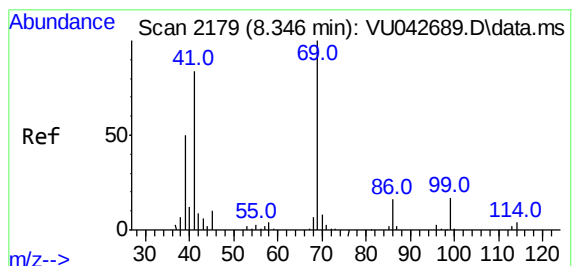
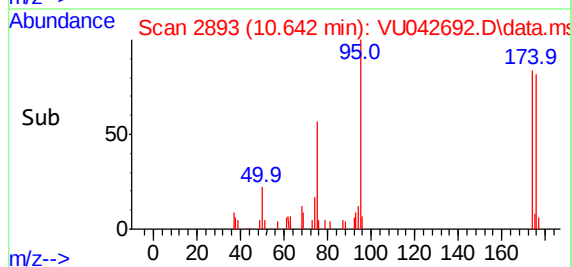
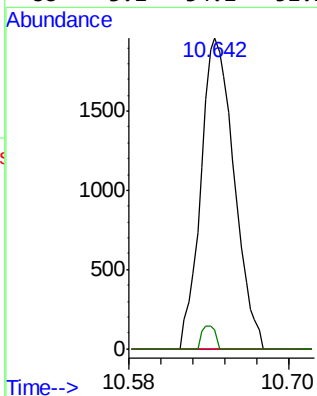
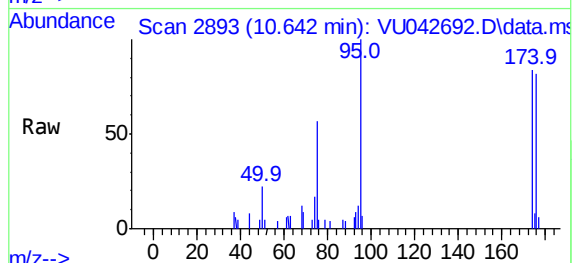




#46
t-1,4-Dichloro-2-butene
Concen: 3.03 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.199 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

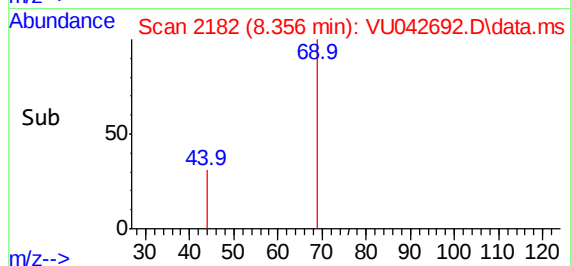
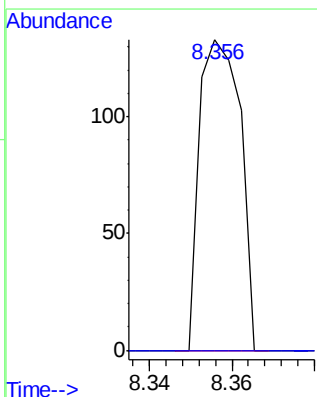
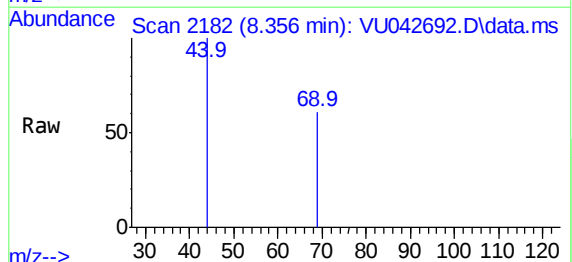
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

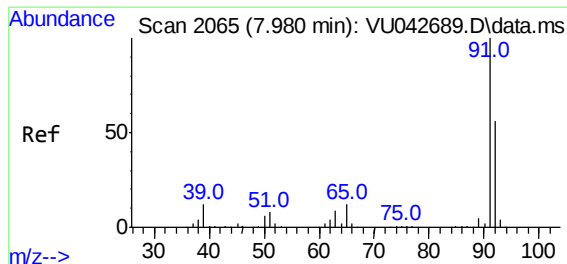
Tgt Ion: 75 Resp: 3280
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.5 59.3#
88 3.1 34.1 51.1#



#48
Ethyl methacrylate
Concen: 0.02 ug/l
RT: 8.356 min Scan# 2182
Delta R.T. 0.010 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 69 Resp: 92
Ion Ratio Lower Upper
69 100
41 0.0 41.3 123.9#

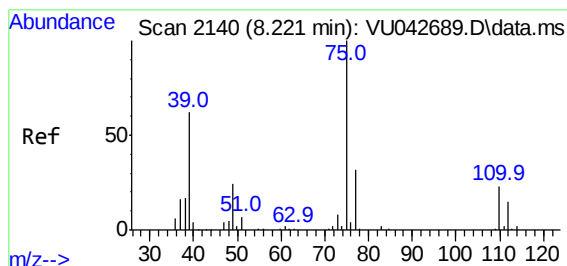
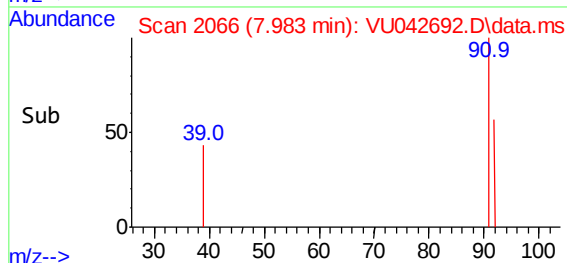
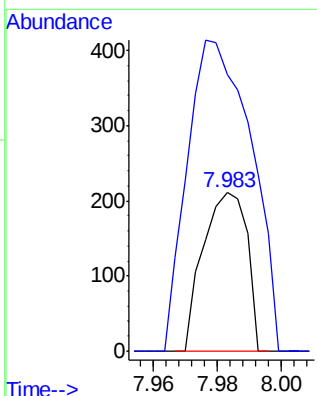
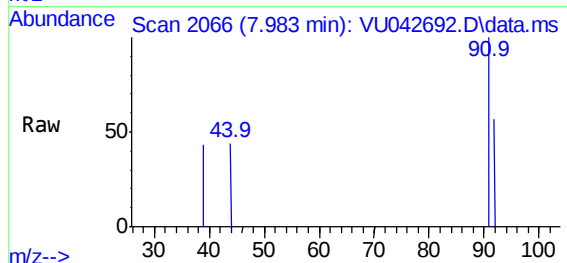




#49
Toluene
Concen: 0.02 ug/l
RT: 7.983 min Scan# 2066
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

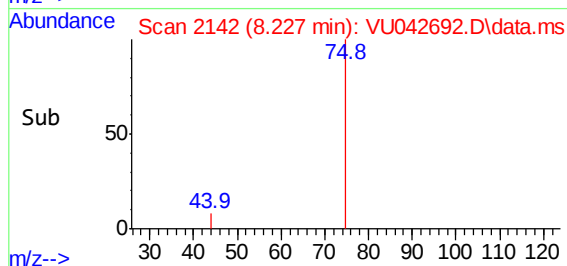
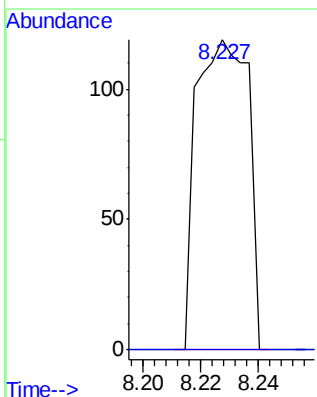
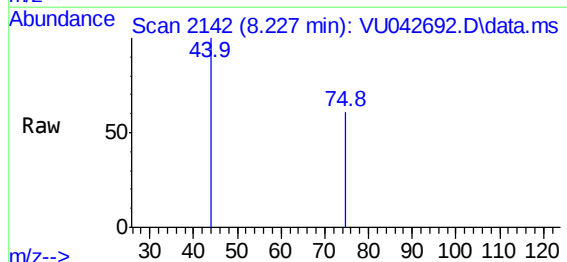
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

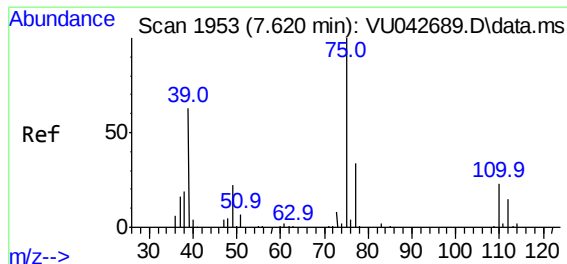
Tgt Ion: 92 Resp: 196
Ion Ratio Lower Upper
92 100
91 288.8 141.5 212.3#



#50
t-1,3-Dichloropropene
Concen: 0.03 ug/l
RT: 8.227 min Scan# 2142
Delta R.T. 0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 75 Resp: 148
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#

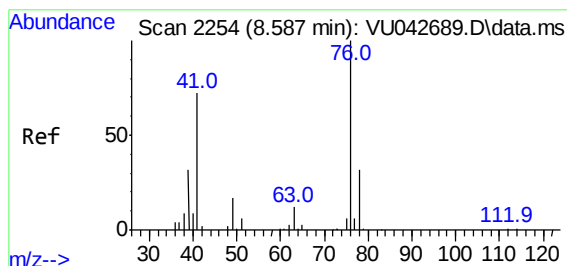
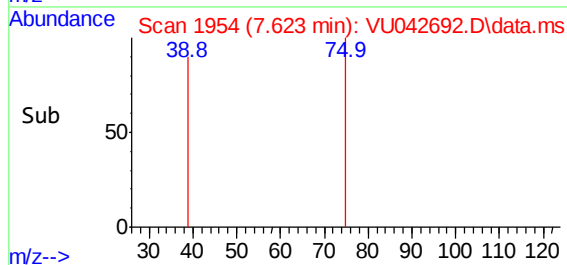
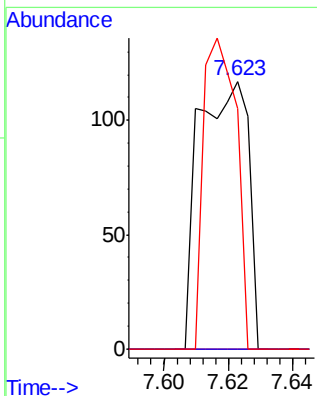
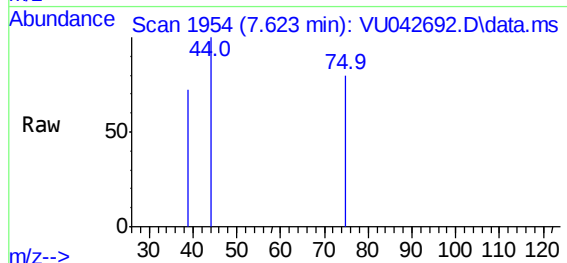




#51
 cis-1,3-Dichloropropene
 Concen: 0.02 ug/l
 RT: 7.623 min Scan# 1954
 Delta R.T. 0.003 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

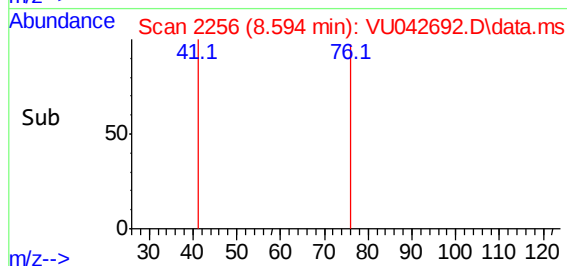
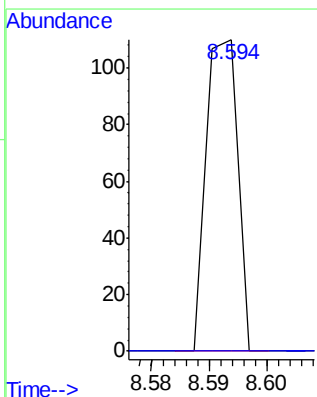
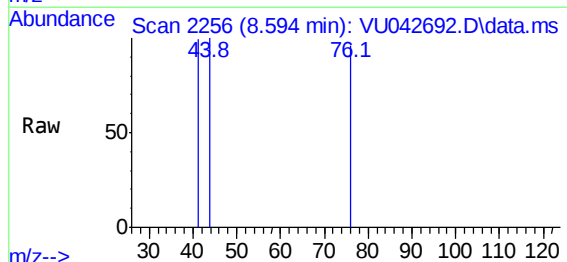
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0317WBL01

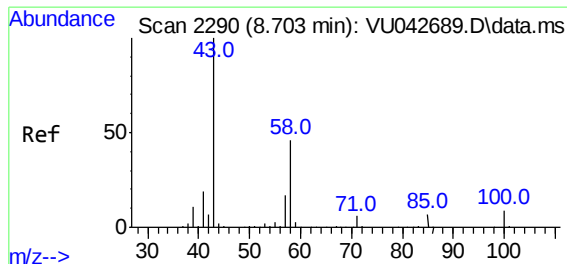
Tgt Ion: 75 Resp: 123
 Ion Ratio Lower Upper
 75 100
 77 0.0 27.1 40.7#
 39 89.7 50.2 75.4#



#53
 1,3-Dichloropropane
 Concen: 0.01 ug/l
 RT: 8.594 min Scan# 2256
 Delta R.T. 0.006 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

Tgt Ion: 76 Resp: 42
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#

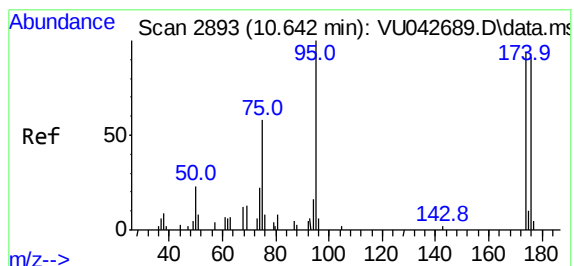
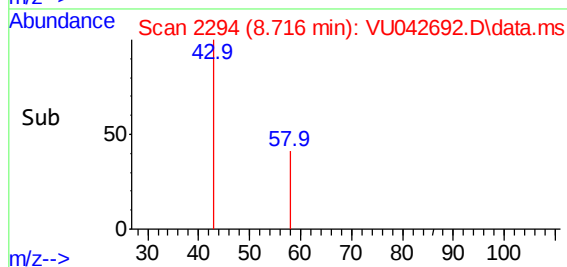
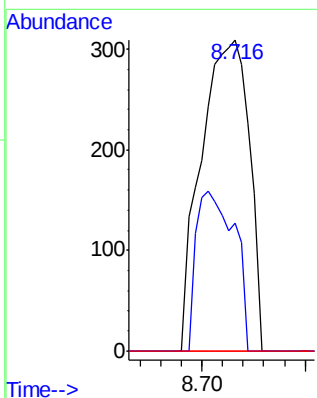
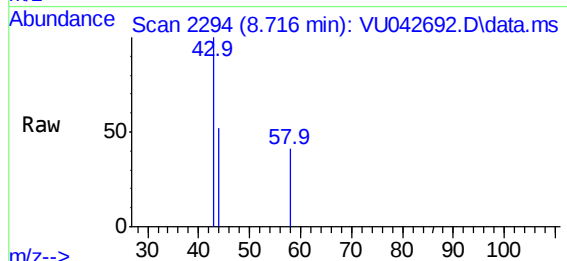




#54
2-Hexanone
Concen: 0.17 ug/l
RT: 8.716 min Scan# 2294
Delta R.T. 0.013 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

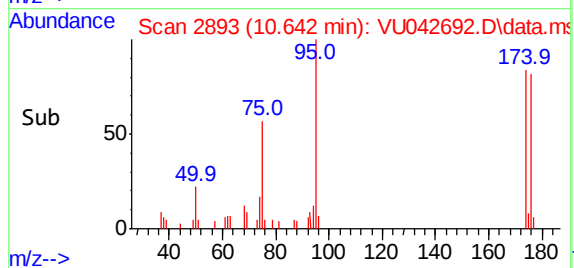
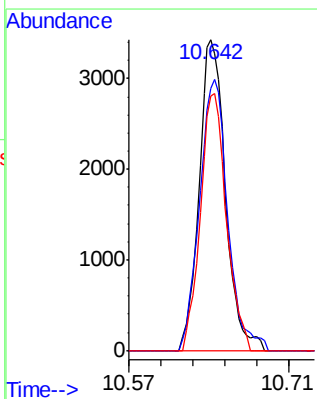
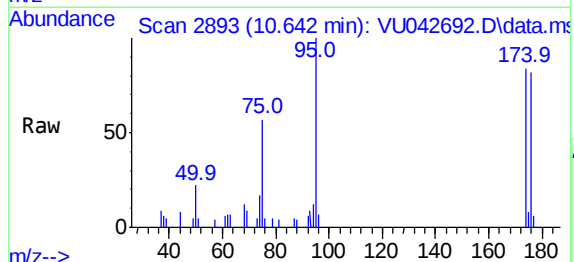
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

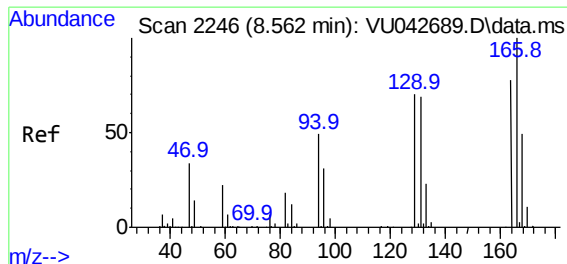
Tgt Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
58 41.3 26.5 66.5
57 0.0 0.0 36.5



#57
4-Bromofluorobenzene
Concen: 0.78 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.000 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 95 Resp: 5600
Ion Ratio Lower Upper
95 100
174 93.4 73.8 110.6
176 82.1 71.4 107.0



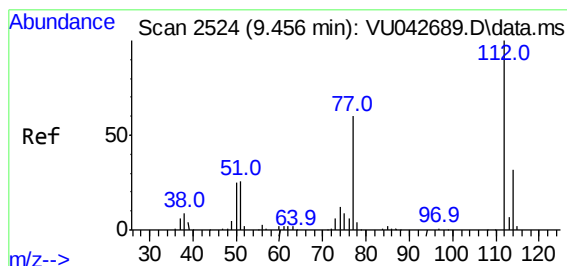
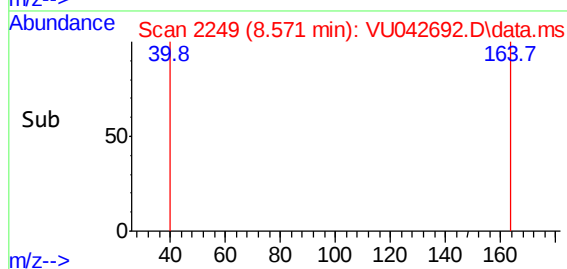
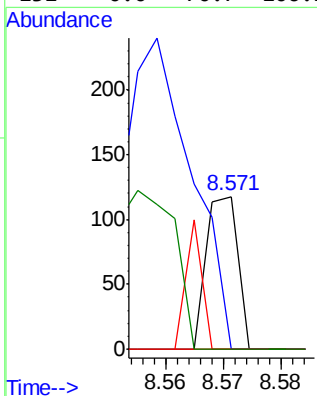
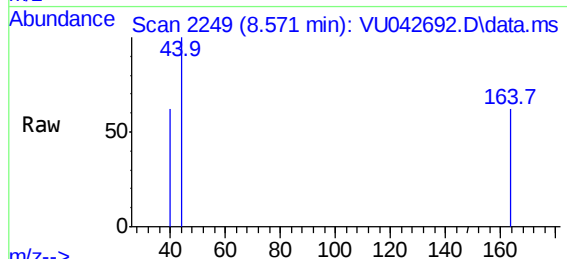


#58
Tetrachloroethene
Concen: 0.01 ug/l
RT: 8.571 min Scan# 2249
Delta R.T. 0.010 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

Tgt Ion:164 Resp: 45

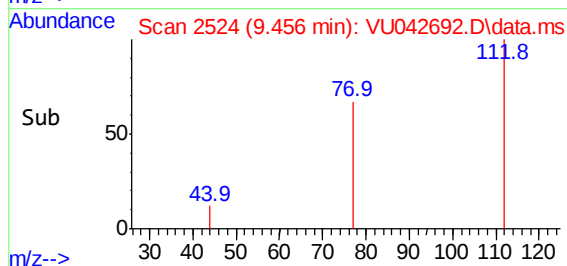
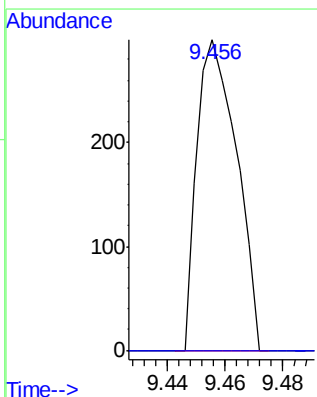
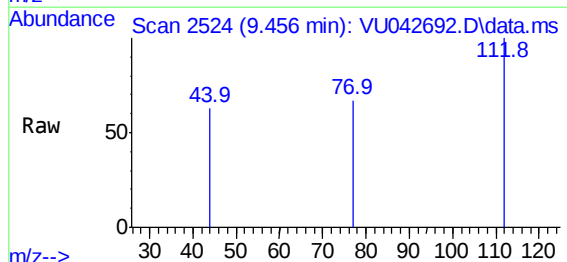
Ion	Ratio	Lower	Upper
164	100		
166	0.0	103.0	154.6#
129	0.0	72.2	108.2#
131	0.0	70.7	106.1#

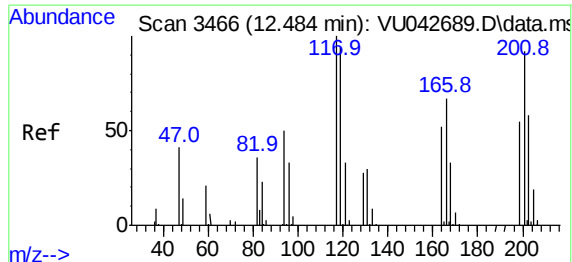


#59
Chlorobenzene
Concen: 0.02 ug/l
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion:112 Resp: 286

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.4	38.0#

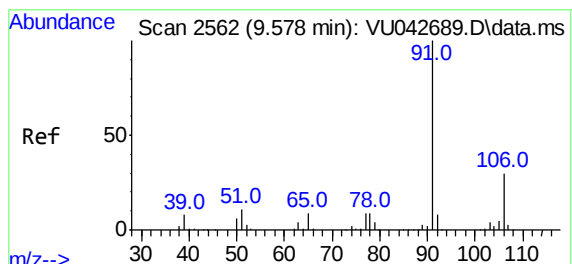
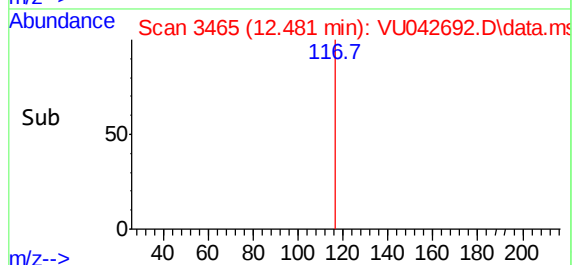
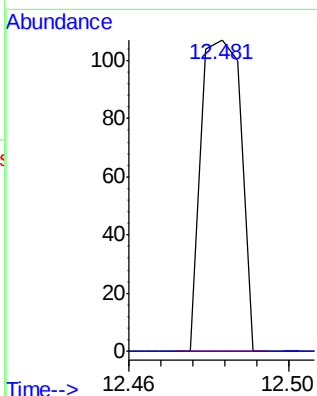
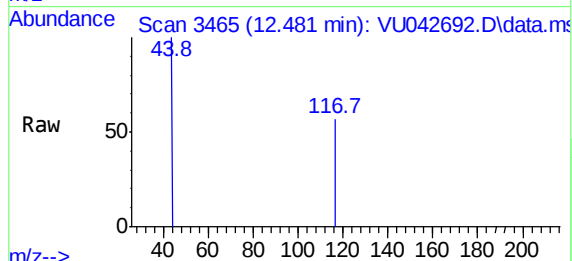




#62
Hexachloroethane
Concen: 0.02 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

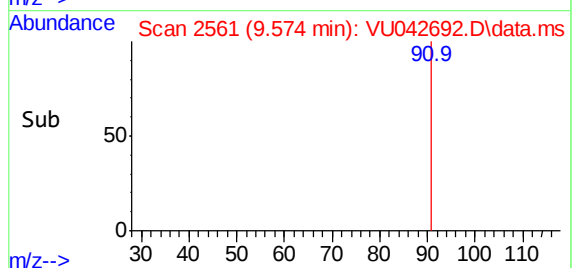
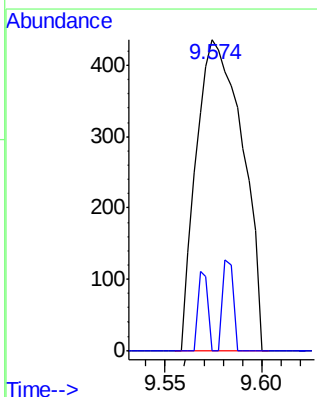
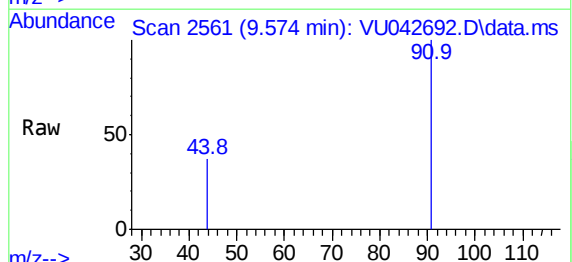
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

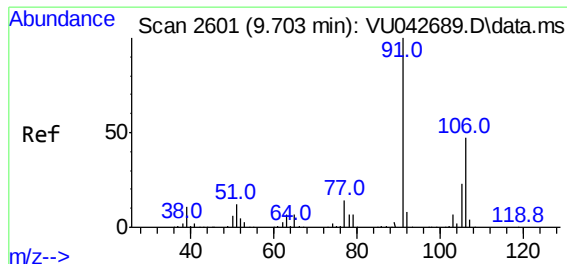
Tgt Ion: 117 Resp: 60
Ion Ratio Lower Upper
117 100
201 0.0 71.8 107.8#



#63
Ethyl Benzene
Concen: 0.03 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 91 Resp: 728
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

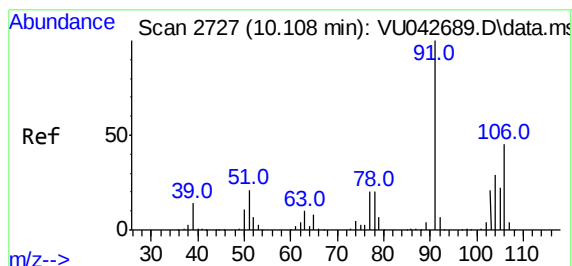
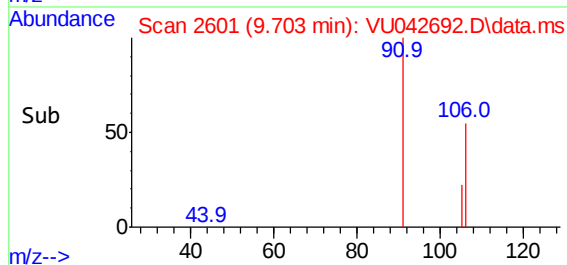
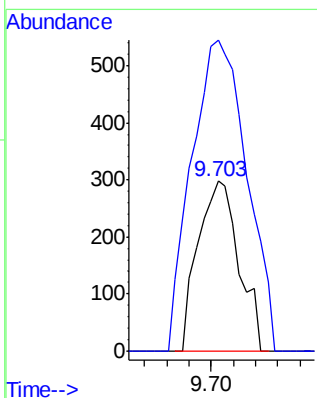
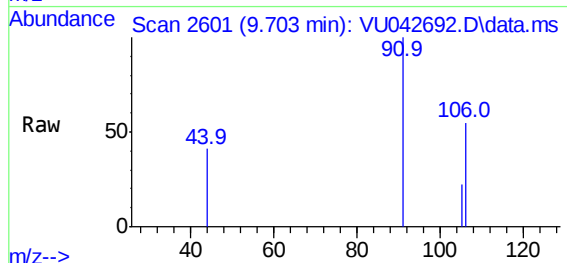




#64
m/p-Xylenes
Concen: 0.05 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

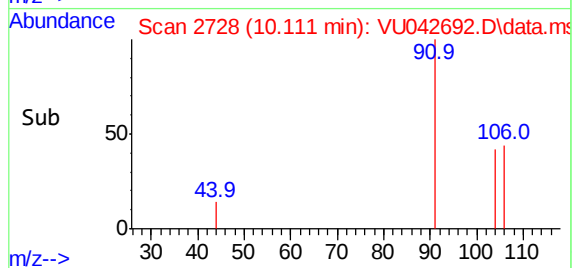
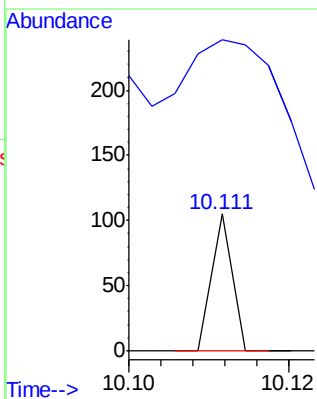
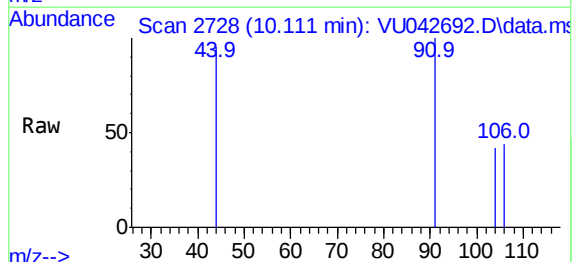
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

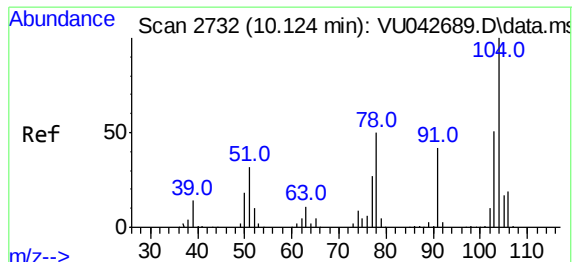
Tgt Ion:106 Resp: 379
Ion Ratio Lower Upper
106 100
91 248.3 170.2 255.2



#65
o-Xylene
Concen: 0.00 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion:106 Resp: 20
Ion Ratio Lower Upper
106 100
91 2050.0 111.5 334.5#

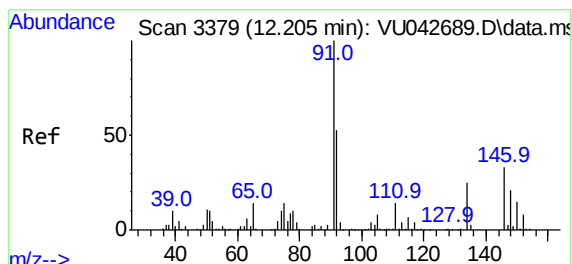
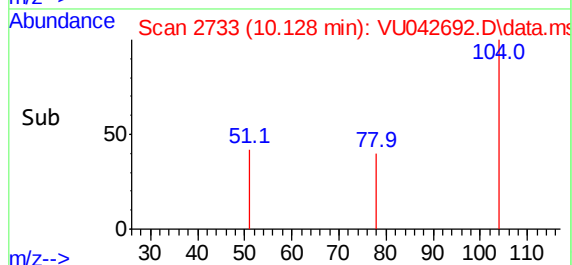
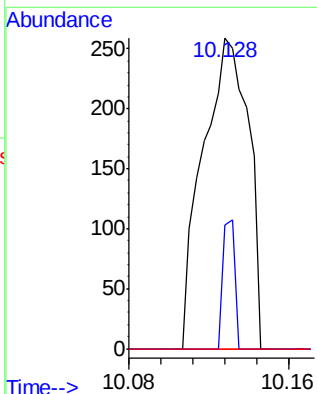
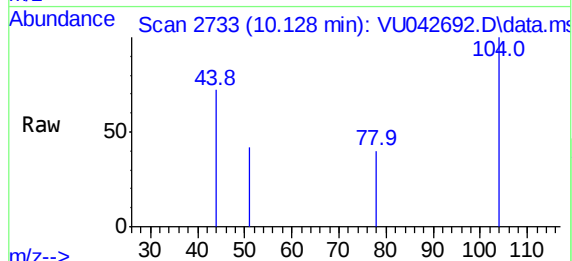




#66
Styrene
Concen: 0.03 ug/l
RT: 10.128 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

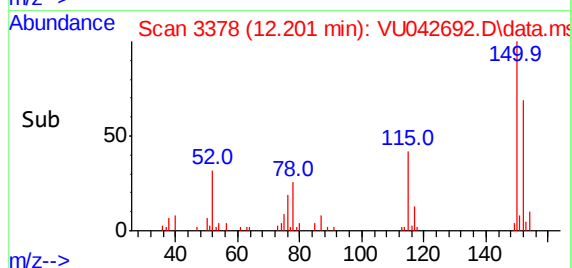
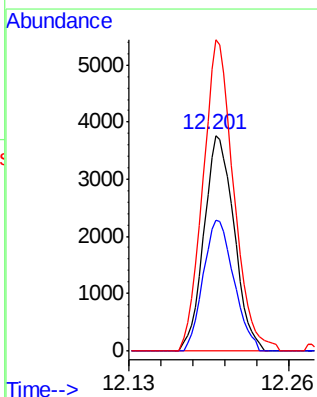
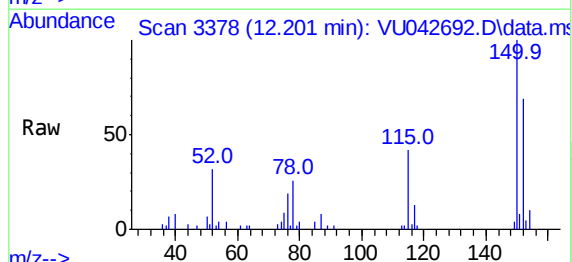
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

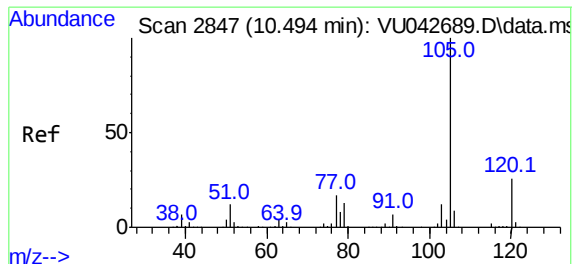
Tgt Ion:104 Resp: 367
Ion Ratio Lower Upper
104 100
78 11.2 43.6 65.4#
103 0.0 44.7 67.1#



#68
1,2-Dichlorobenzene-d4
Concen: 0.82 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. -0.004 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion:152 Resp: 6261
Ion Ratio Lower Upper
152 100
115 61.7 0.0 271.0
150 147.6 0.0 633.0

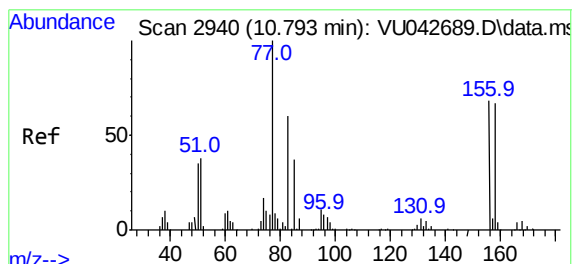
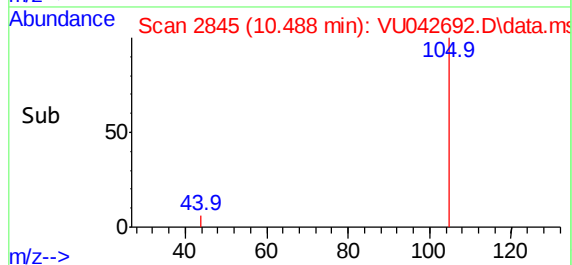
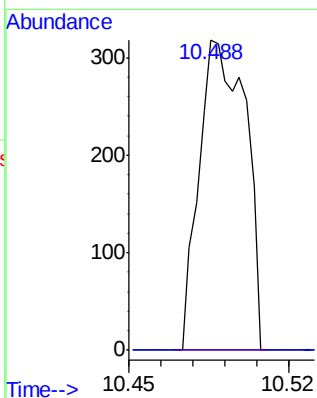
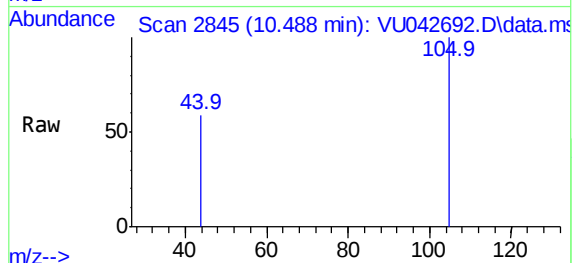




#69
Isopropylbenzene
Concen: 0.02 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

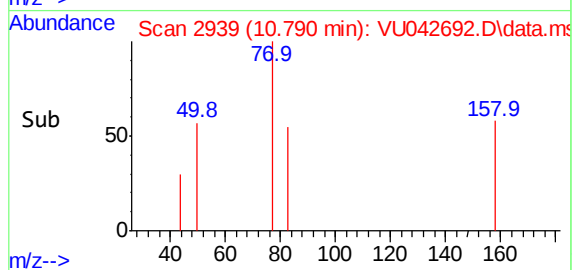
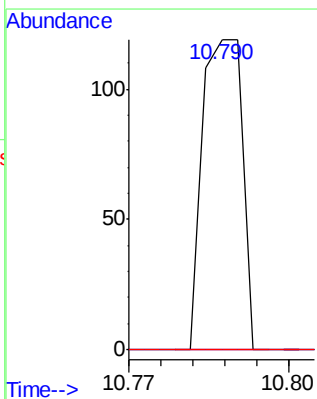
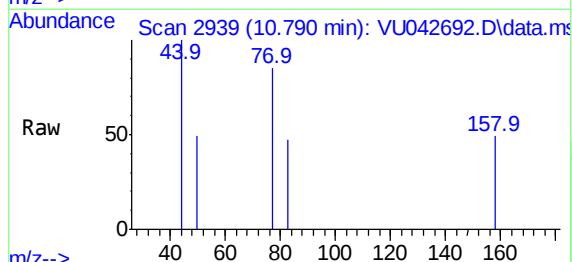
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

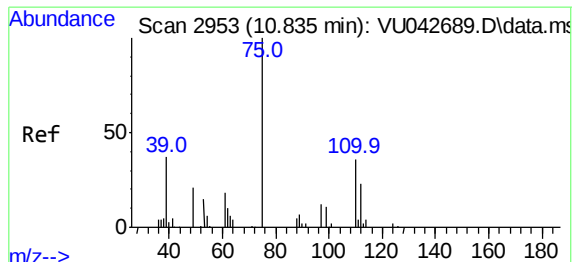
Tgt Ion:105 Resp: 460
Ion Ratio Lower Upper
105 100
120 0.0 13.3 39.9#



#70
1,1,2,2-Tetrachloroethane
Concen: 0.01 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 83 Resp: 67
Ion Ratio Lower Upper
83 100
131 0.0 8.3 12.5#
85 0.0 51.8 77.8#



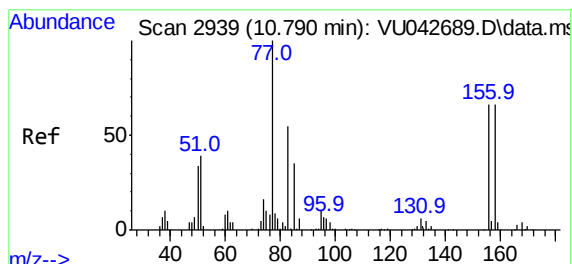
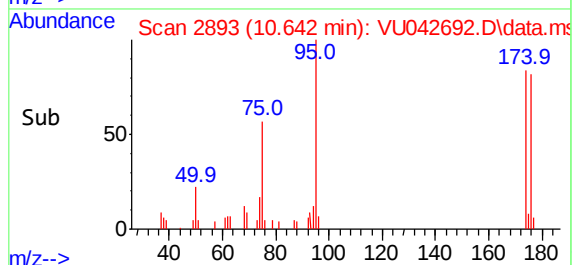
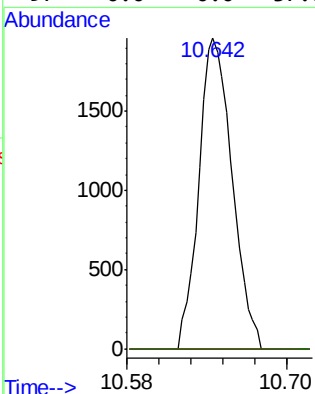
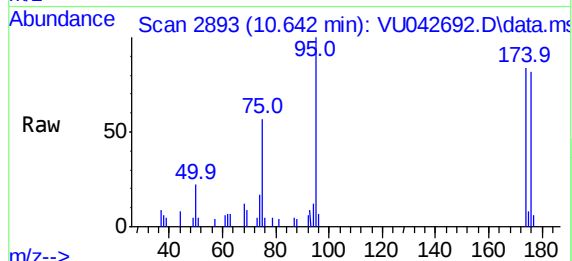


#71
1,2,3-Trichloropropane
Concen: 0.83 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.193 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

Tgt Ion: 75 Resp: 3280

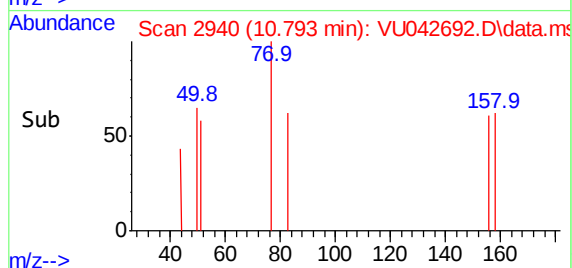
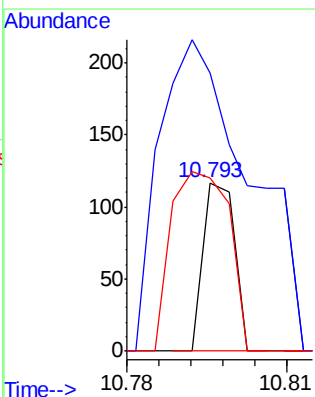
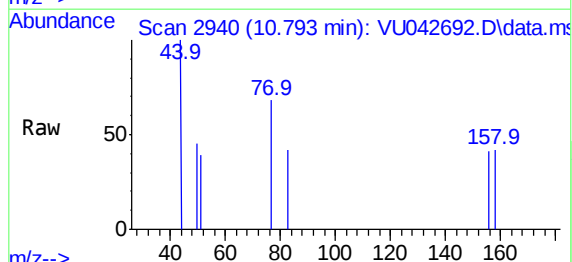
Ion	Ratio	Lower	Upper
75	100		
77	7.2	0.0	96.8
110	0.0	0.0	71.8
97	0.0	0.0	37.0

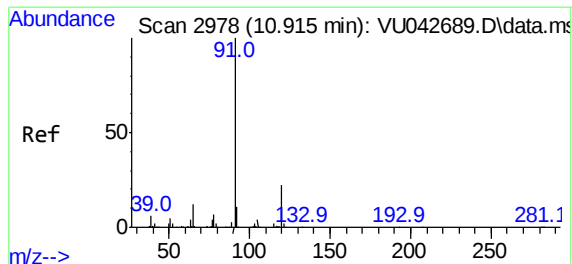


#72
Bromobenzene
Concen: 0.01 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 156 Resp: 44

Ion	Ratio	Lower	Upper
156	100		
77	534.1	0.0	301.6#
158	197.7	0.0	195.6#

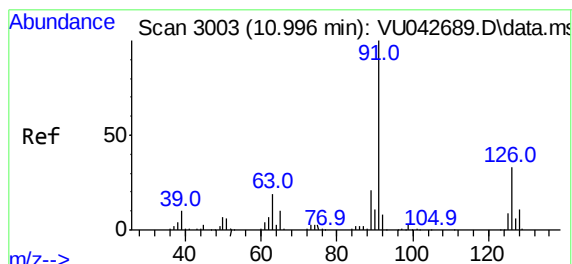
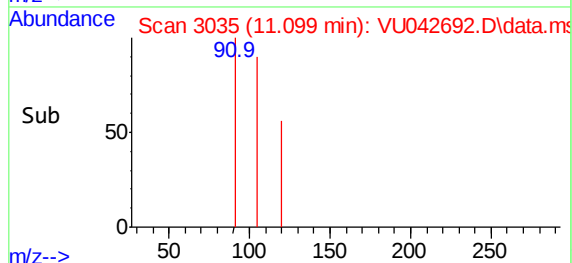
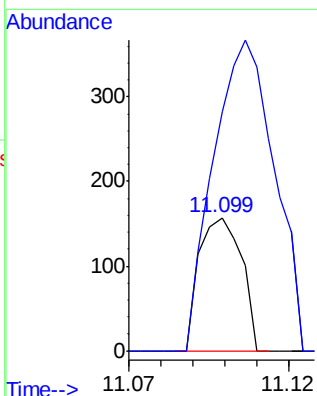
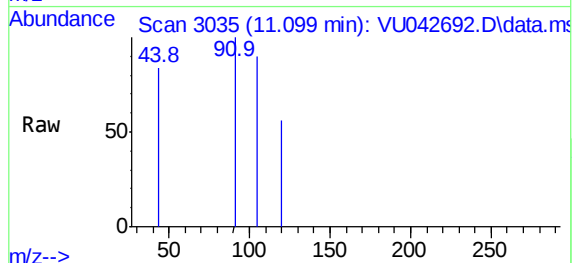




#73
n-propylbenzene
Concen: 0.02 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.183 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

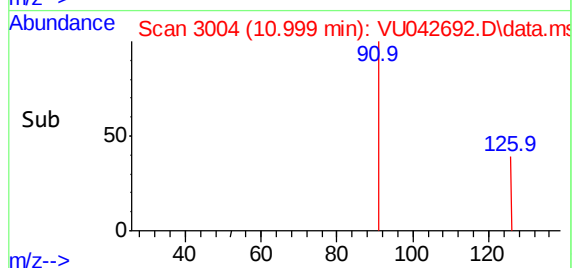
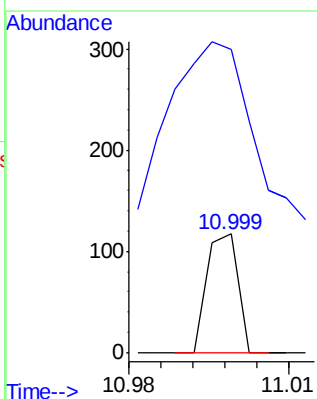
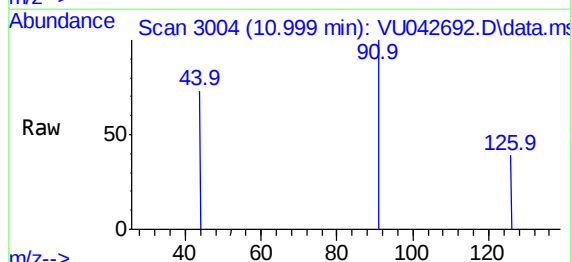
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

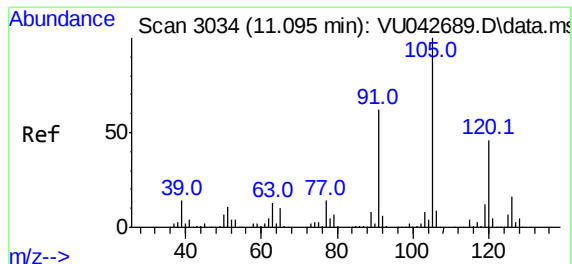
Tgt Ion:120 Resp: 126
Ion Ratio Lower Upper
120 100
91 338.9 356.2 534.2#



#74
2-Chlorotoluene
Concen: 0.01 ug/l
RT: 10.999 min Scan# 3004
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion:126 Resp: 44
Ion Ratio Lower Upper
126 100
91 956.8 0.0 589.4#

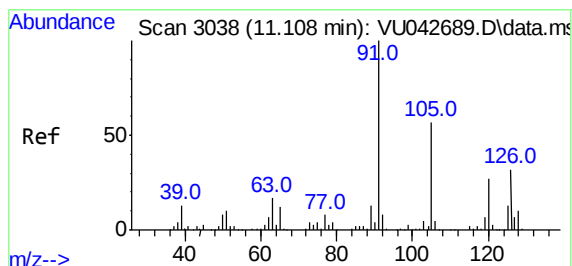
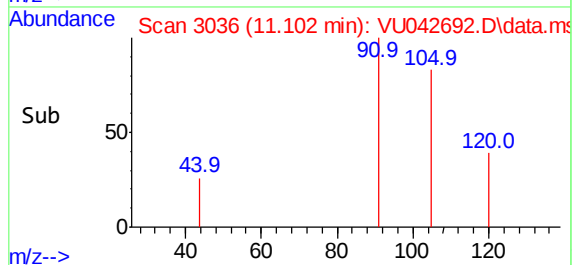
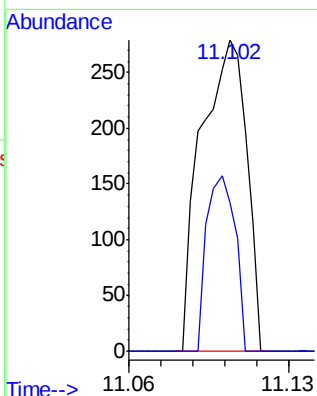
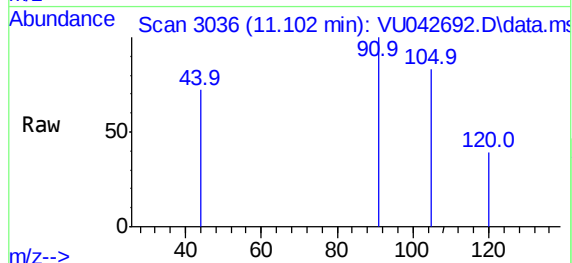




#75
1,3,5-Trimethylbenzene
Concen: 0.02 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

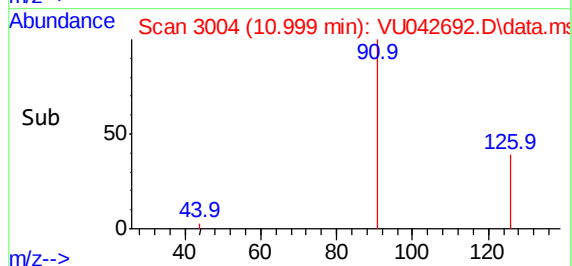
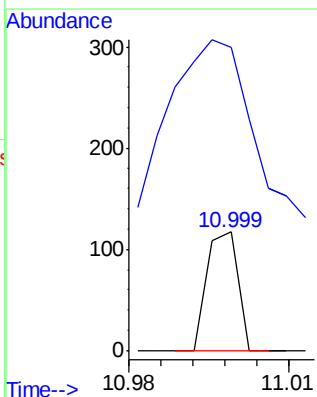
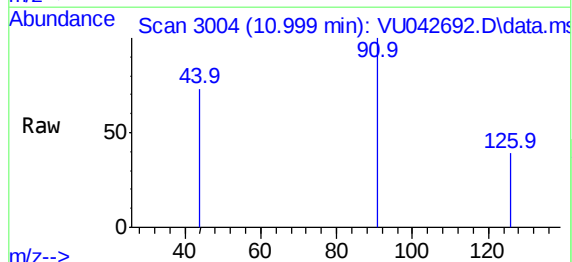
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

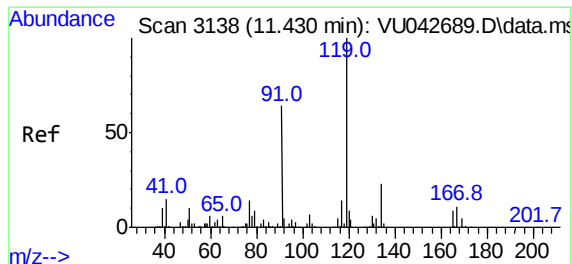
Tgt Ion:105 Resp: 360
Ion Ratio Lower Upper
105 100
120 35.0 37.4 56.2#



#76
4-Chlorotoluene
Concen: 0.01 ug/l
RT: 10.999 min Scan# 3004
Delta R.T. -0.109 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion:126 Resp: 44
Ion Ratio Lower Upper
126 100
91 956.8 0.0 668.8#

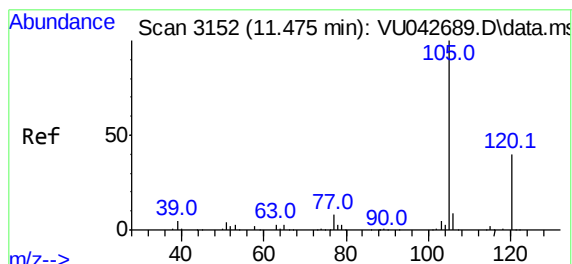
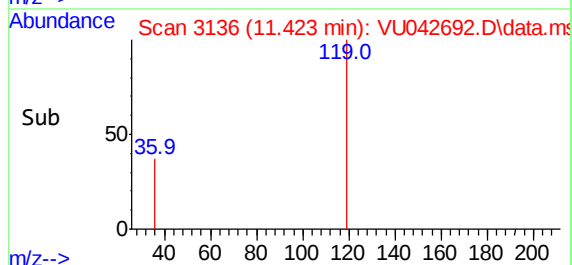
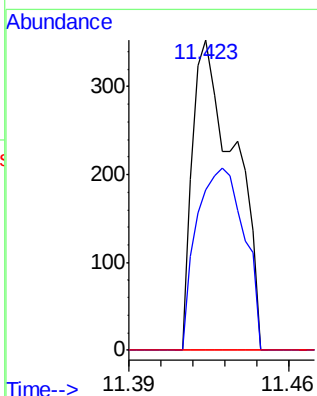
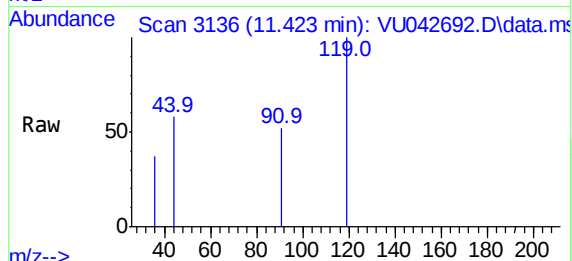




#77
tert-Butylbenzene
Concen: 0.02 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

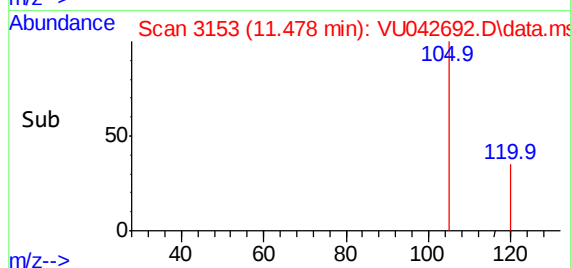
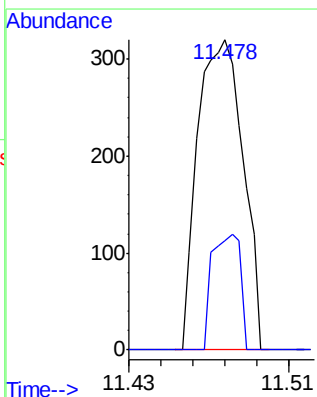
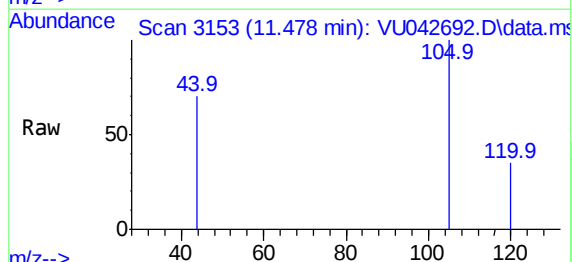
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

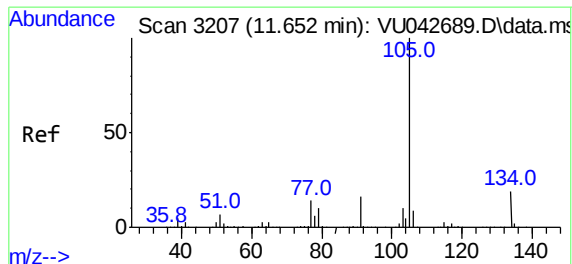
Tgt Ion:119 Resp: 423
Ion Ratio Lower Upper
119 100
91 66.0 31.2 93.6
134 0.0 18.4 27.6#



#78
1,2,4-Trimethylbenzene
Concen: 0.02 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion:105 Resp: 453
Ion Ratio Lower Upper
105 100
120 23.6 22.1 66.5

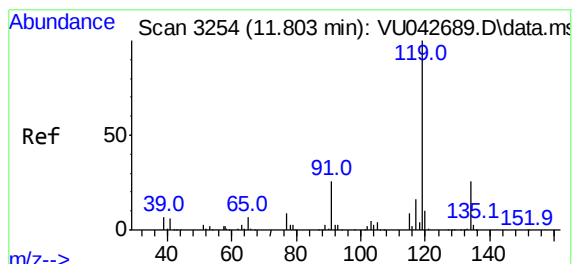
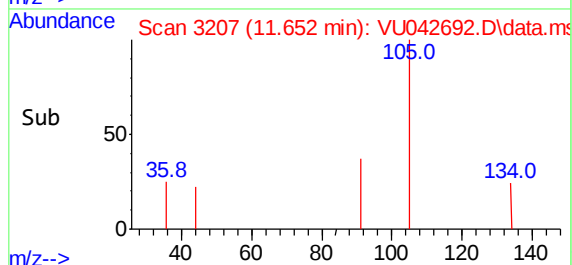
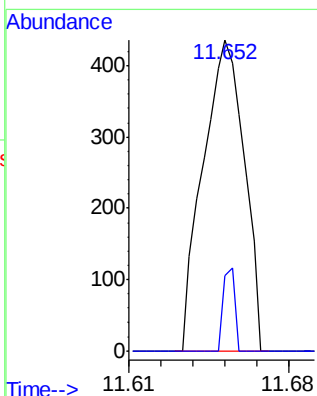
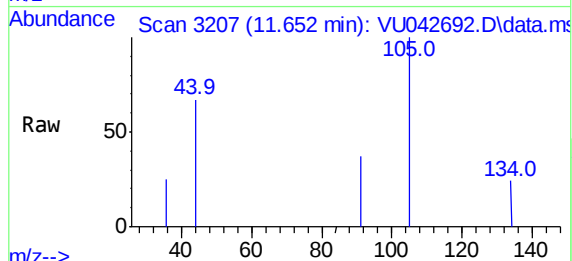




#79
 sec-Butylbenzene
 Concen: 0.02 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. 0.000 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

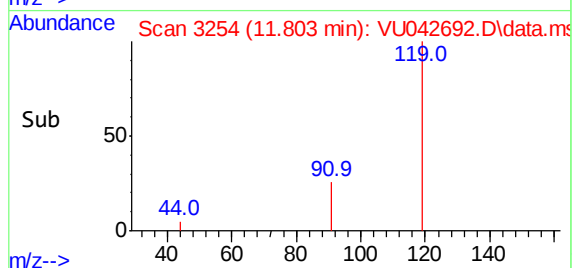
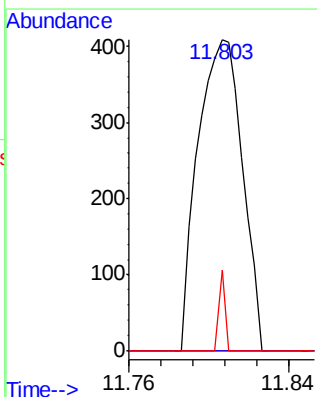
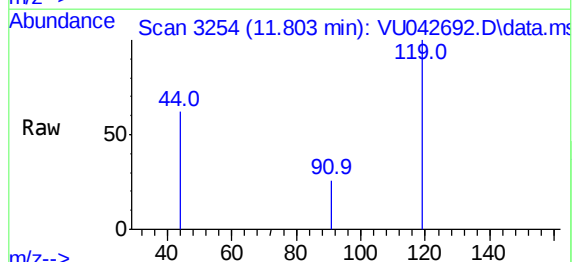
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0317WBL01

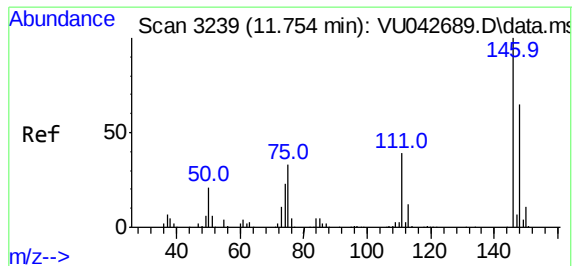
Tgt Ion:105 Resp: 560
 Ion Ratio Lower Upper
 105 100
 134 7.7 15.9 23.9#



#81
 p-Isopropyltoluene
 Concen: 0.03 ug/l
 RT: 11.803 min Scan# 3254
 Delta R.T. -0.000 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

Tgt Ion:119 Resp: 611
 Ion Ratio Lower Upper
 119 100
 134 7.0 21.2 31.8#
 91 18.2 20.5 30.7#

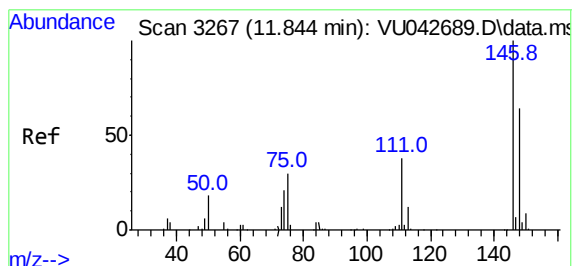
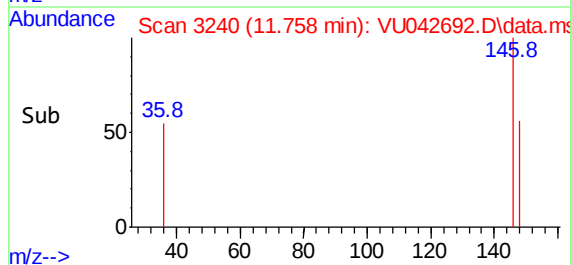
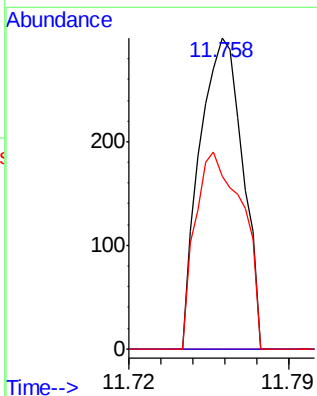
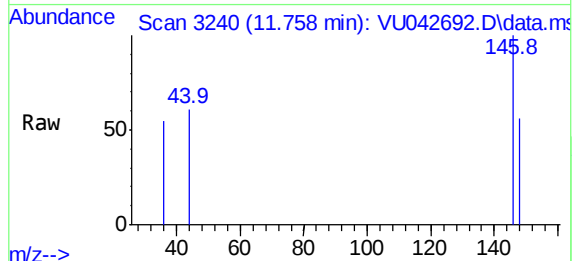




#82
1,3-Dichlorobenzene
Concen: 0.03 ug/l
RT: 11.758 min Scan# 3240
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

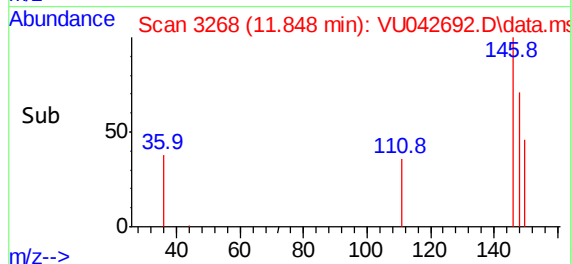
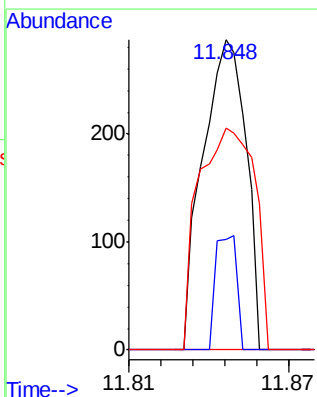
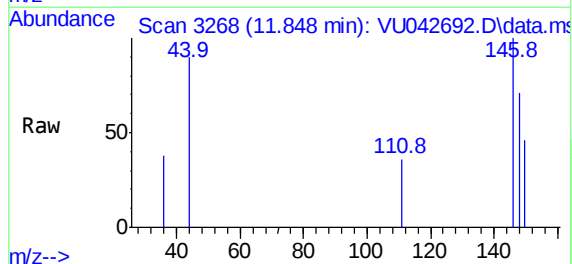
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

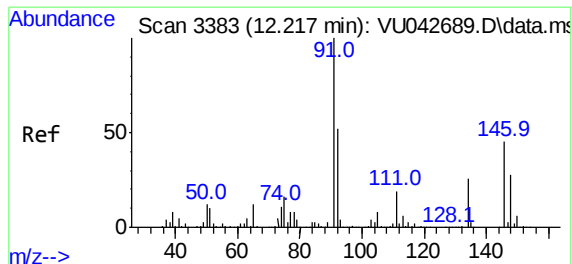
Tgt Ion:146 Resp: 364
Ion Ratio Lower Upper
146 100
111 0.0 31.6 47.4#
148 69.8 51.0 76.4



#83
1,4-Dichlorobenzene
Concen: 0.03 ug/l
RT: 11.848 min Scan# 3268
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion:146 Resp: 325
Ion Ratio Lower Upper
146 100
111 18.5 30.5 45.7#
148 93.2 51.1 76.7#

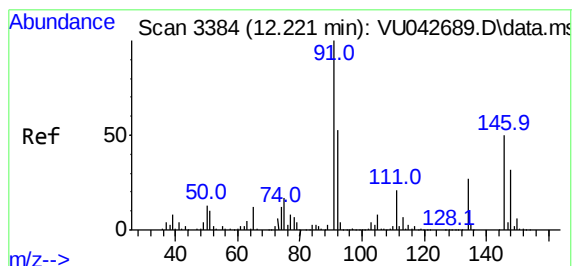
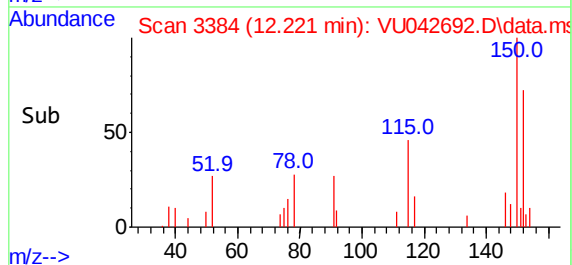
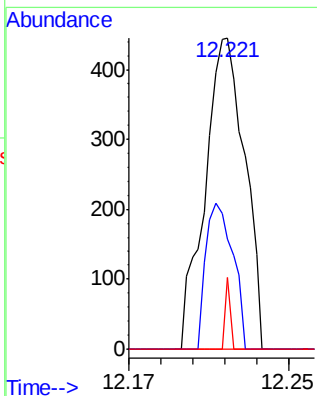
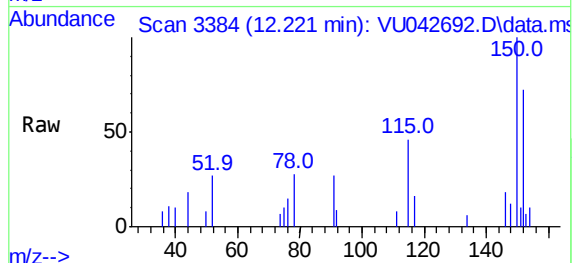




#84
n-Butylbenzene
Concen: 0.03 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.004 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

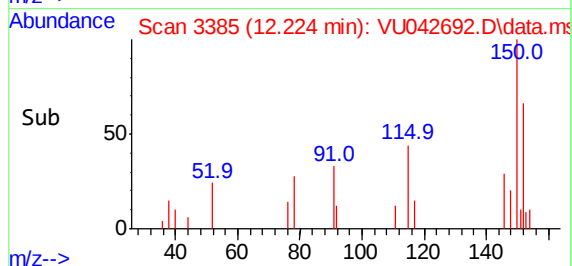
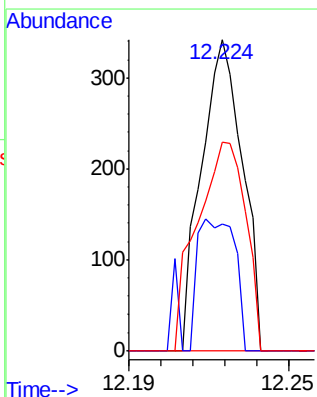
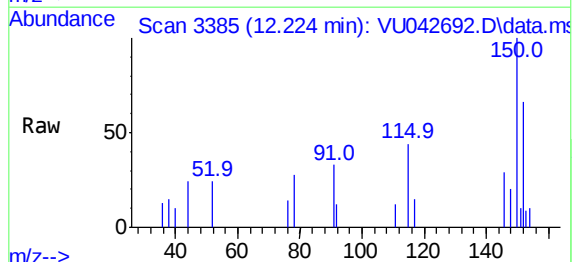
Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

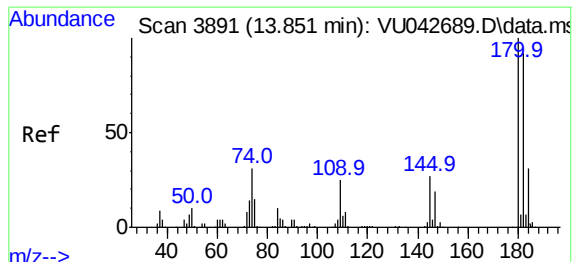
Tgt Ion: 91 Resp: 676
Ion Ratio Lower Upper
91 100
92 31.7 42.0 63.0#
134 3.0 20.5 30.7#



#85
1,2-Dichlorobenzene
Concen: 0.03 ug/l
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion: 146 Resp: 398
Ion Ratio Lower Upper
146 100
111 38.4 20.3 60.8
148 79.9 31.7 95.1

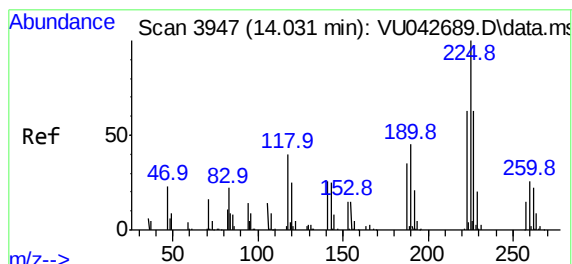
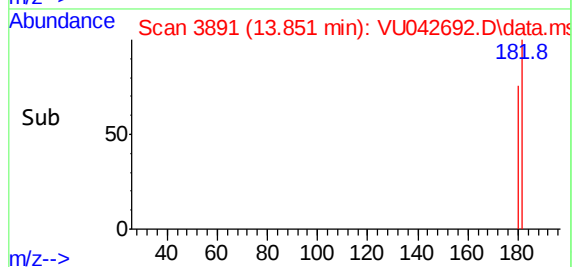
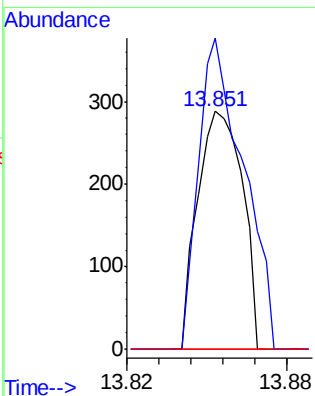
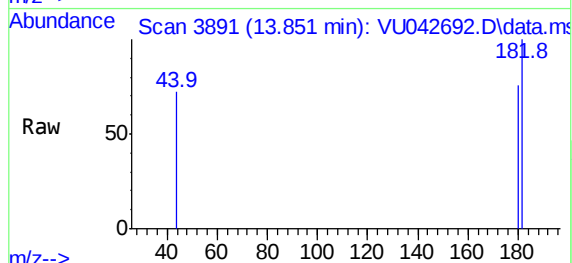




#87
 1,2,4-Trichlorobenzene
 Concen: 0.04 ug/l
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.000 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

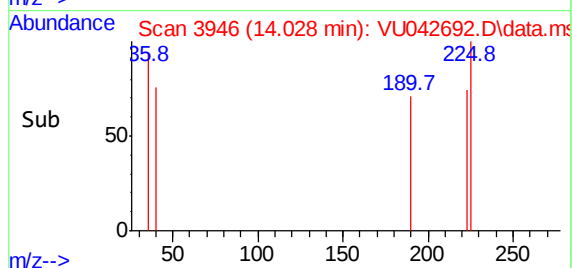
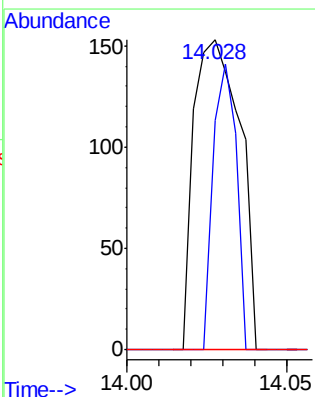
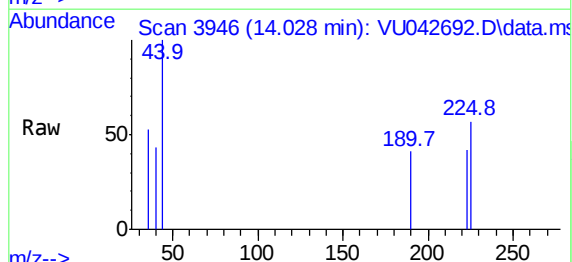
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0317WBL01

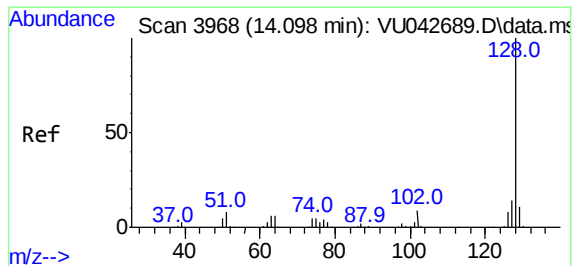
Tgt Ion:180 Resp: 340
 Ion Ratio Lower Upper
 180 100
 182 130.9 75.4 113.0#
 145 0.0 22.6 34.0#



#88
 Hexachlorobutadiene
 Concen: 0.03 ug/l
 RT: 14.028 min Scan# 3946
 Delta R.T. -0.003 min
 Lab File: VU042692.D
 Acq: 17 Mar 2021 16:38

Tgt Ion:225 Resp: 150
 Ion Ratio Lower Upper
 225 100
 223 46.7 49.7 74.5#
 227 0.0 50.5 75.7#

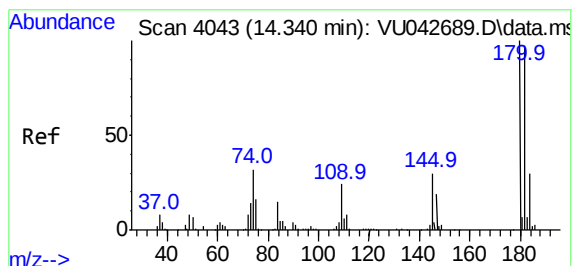
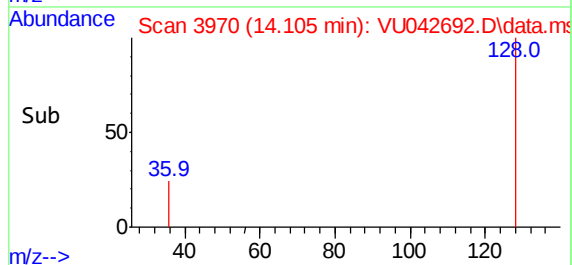
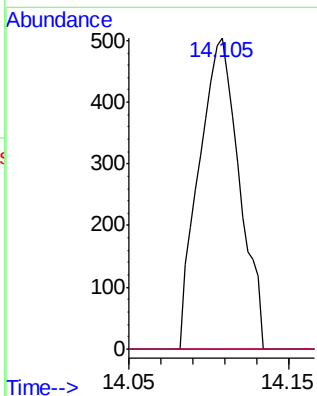
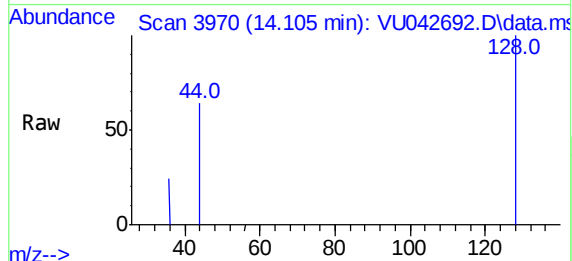




#89
Naphthalene
Concen: 0.87 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.007 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBL01

Tgt Ion:128 Resp: 861
Ion Ratio Lower Upper
128 100
127 0.0 11.1 16.7#
129 0.0 8.6 12.8#



#90
1,2,3-Trichlorobenzene
Concen: 0.05 ug/l
RT: 14.346 min Scan# 4045
Delta R.T. 0.006 min
Lab File: VU042692.D
Acq: 17 Mar 2021 16:38

Tgt Ion:180 Resp: 344
Ion Ratio Lower Upper
180 100
182 98.0 77.0 115.4
145 26.2 23.4 35.0

