

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032712.D
 Acq On : 10 Nov 2022 07:13
 Operator : JC/MD
 Sample : N5509-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12

Quant Time: Nov 10 08:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

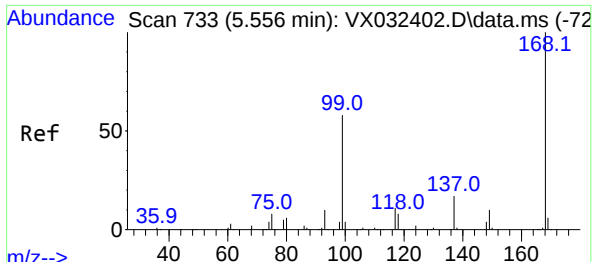
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	120051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88028	52.772	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.540%			
35) Dibromofluoromethane	5.385	113	67634	46.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.980%			
50) Toluene-d8	8.647	98	253905	50.191	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.380%			
62) 4-Bromofluorobenzene	11.079	95	100864	51.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.080%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	2632	10.841	ug/l #	72
13) Acrolein	2.239	56	122	0.503	ug/l #	81
16) Acetone	2.386	43	16107	26.567	ug/l #	88
18) Methyl Acetate	2.709	43	1689	0.857	ug/l	94
20) Methylene Chloride	2.794	84	6885	4.953	ug/l	97
25) 2-Butanone	4.580	43	2606	2.774	ug/l #	89
29) Tetrahydrofuran	5.031	42	152	0.254	ug/l #	31
31) Cyclohexane	5.556	56	2801	1.385	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	9568	4.723	ug/l #	50
37) Ethyl Acetate	4.714	43	15224	7.219	ug/l	98
38) Carbon Tetrachloride	5.550	117	12559	5.589	ug/l #	16
43) Isopropyl Acetate	6.342	43	73242	22.620	ug/l	99
48) Methyl methacrylate	7.799	41	66786	39.938	ug/l #	45
49) 1,4-Dioxane	7.793	88	55	1.726	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	61999	30.400	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	27149	11.630	ug/l #	62
56) Ethyl methacrylate	9.244	69	593	0.262	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3544	1.393	ug/l #	42
59) 2-Hexanone	9.482	43	49742	32.870	ug/l #	51
74) N-amyl acetate	10.640	43	17958	6.612	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	54412	26.961	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	54412	85.792	ug/l #	6

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

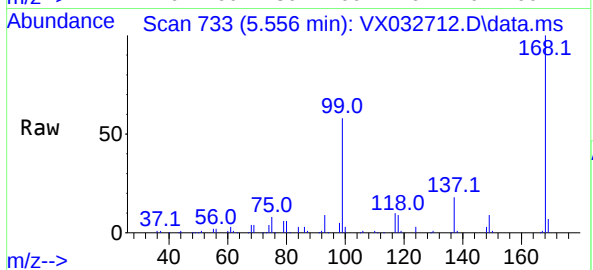
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



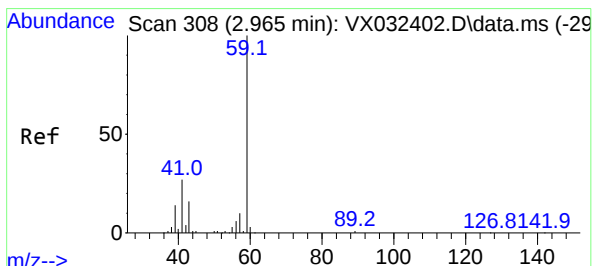
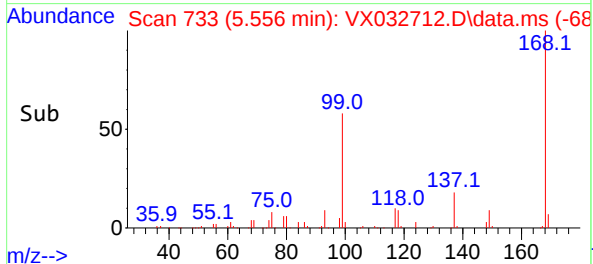
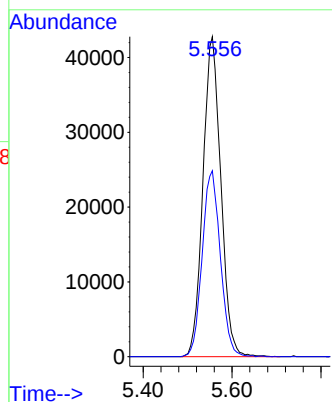


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Instrument :
MSVOA_X
ClientSampleId :
TP-12

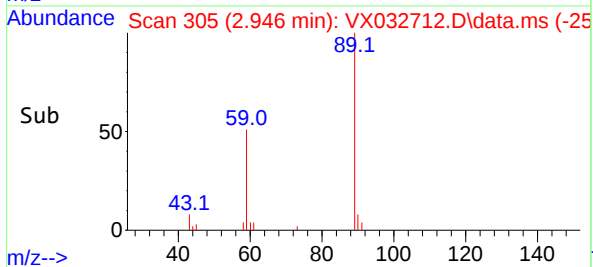
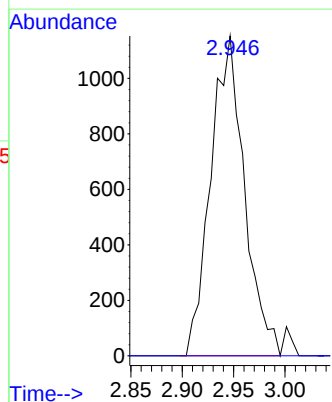
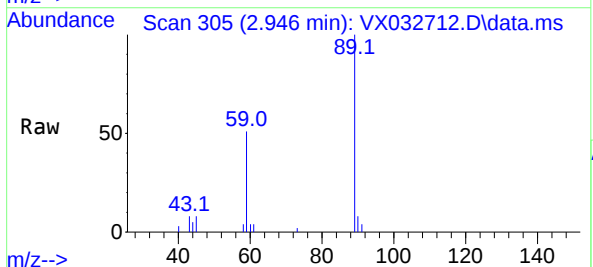


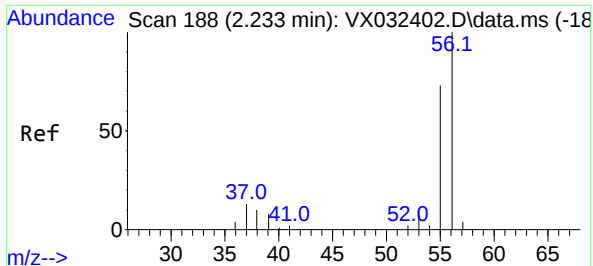
Tgt Ion:168 Resp: 120051
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 10.841 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 59 Resp: 2632
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

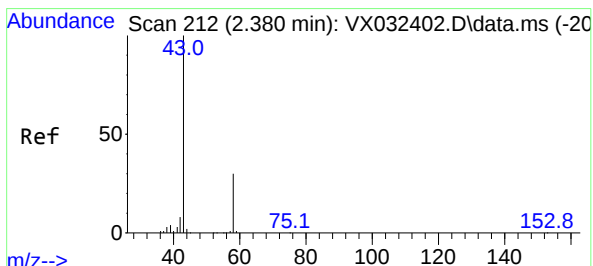
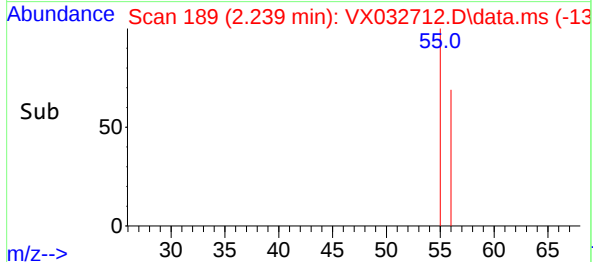
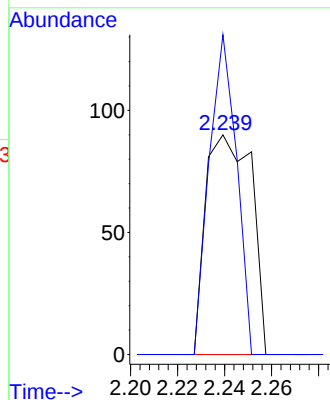
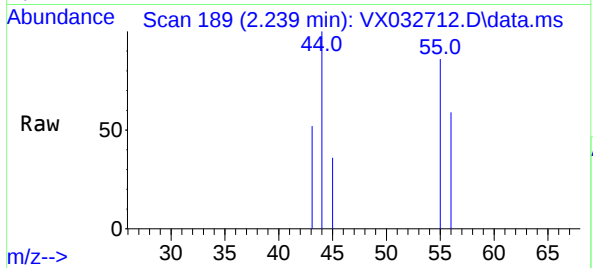




#13
Acrolein
Concen: 0.503 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

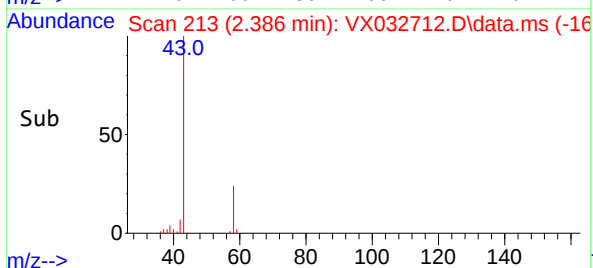
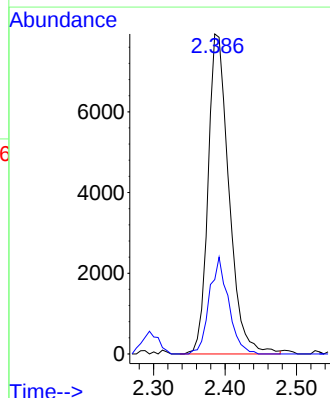
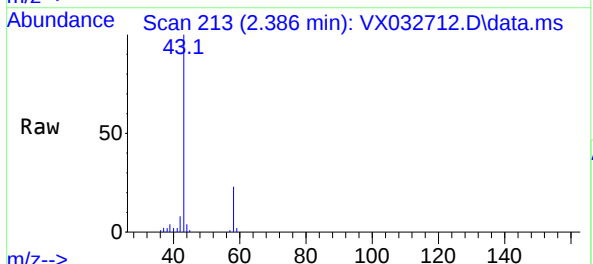
Instrument :
MSVOA_X
ClientSampleId :
TP-12

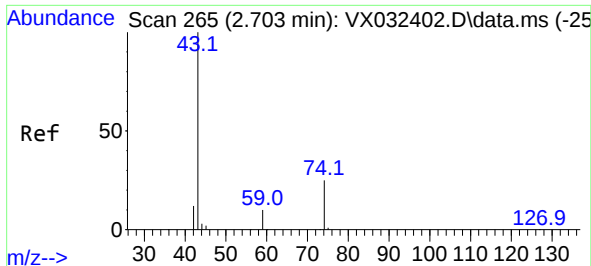
Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 86.9 56.9 85.3#



#16
Acetone
Concen: 26.567 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 43 Resp: 16107
Ion Ratio Lower Upper
43 100
58 23.3 23.8 35.8#

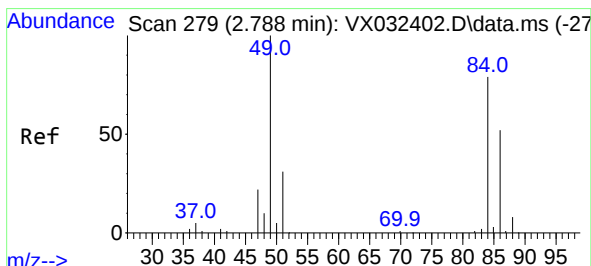
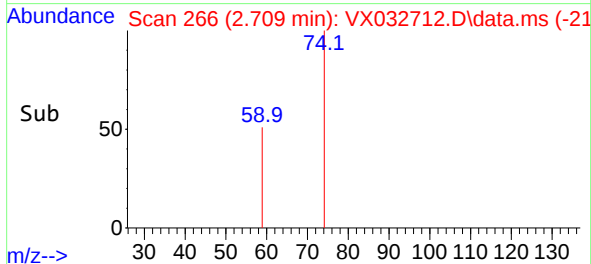
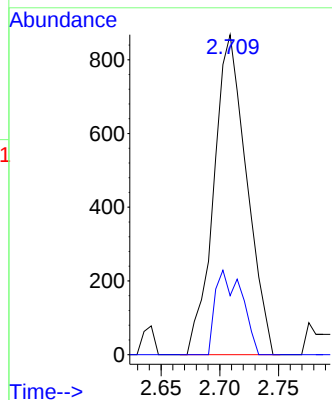
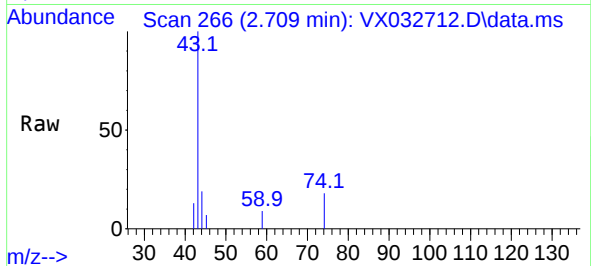




#18
Methyl Acetate
Concen: 0.857 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

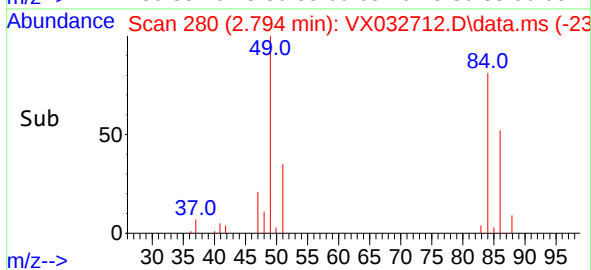
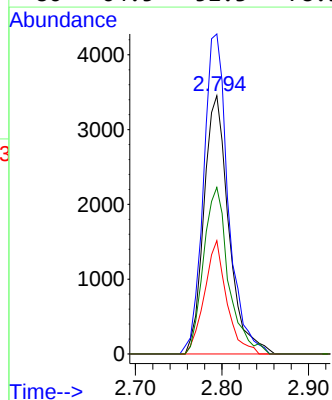
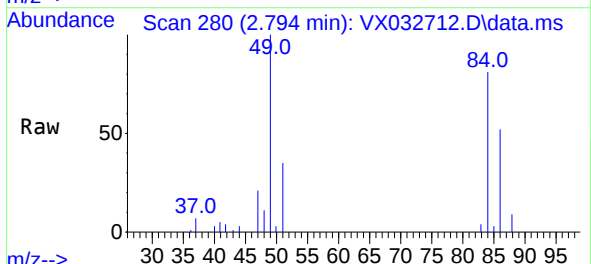
Instrument :
MSVOA_X
ClientSampleId :
TP-12

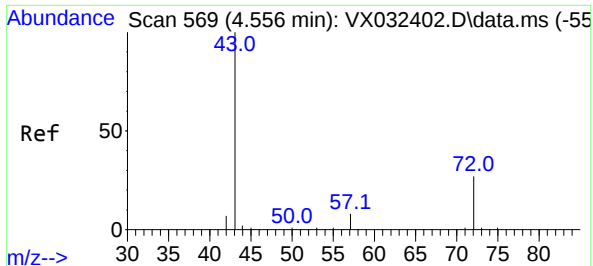
Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.0



#20
Methylene Chloride
Concen: 4.953 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 84 Resp: 6885
Ion Ratio Lower Upper
84 100
49 123.9 101.0 151.6
51 43.9 31.1 46.7
86 64.5 52.3 78.5





#25

2-Butanone

Concen: 2.774 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX032712.D

Acq: 10 Nov 2022 07:13

Instrument :

MSVOA_X

ClientSampleId :

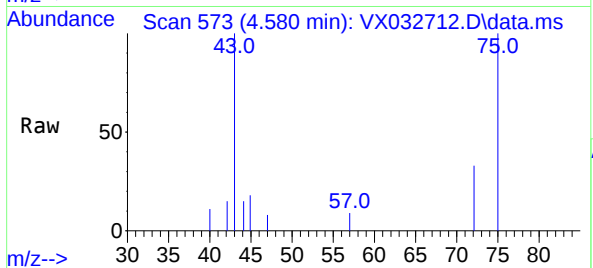
TP-12

Tgt Ion: 43 Resp: 2606

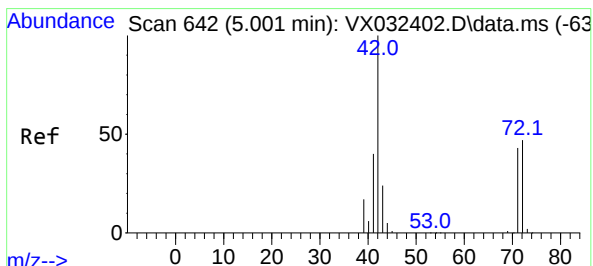
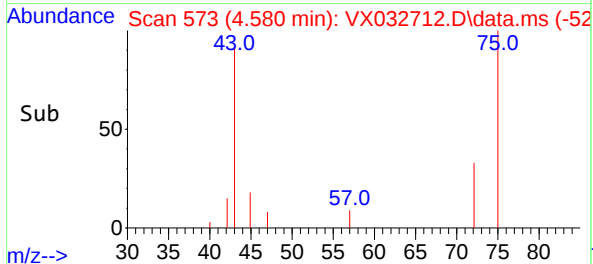
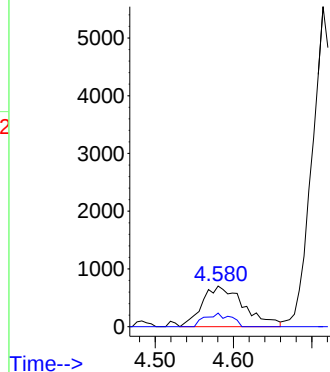
Ion Ratio Lower Upper

43 100

72 33.3 22.2 33.2#



Abundance



#29

Tetrahydrofuran

Concen: 0.254 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.030 min

Lab File: VX032712.D

Acq: 10 Nov 2022 07:13

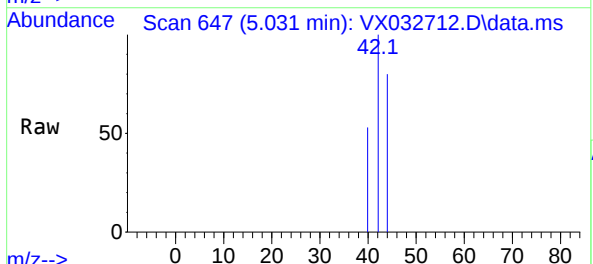
Tgt Ion: 42 Resp: 152

Ion Ratio Lower Upper

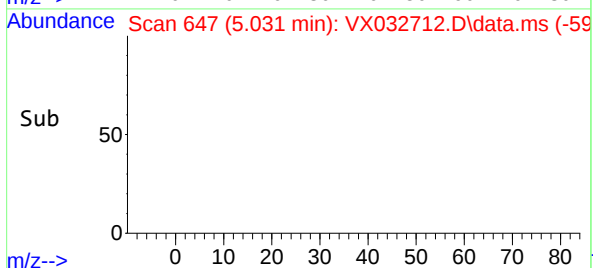
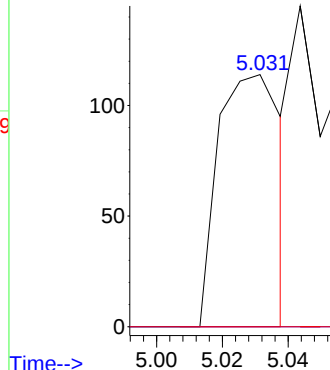
42 100

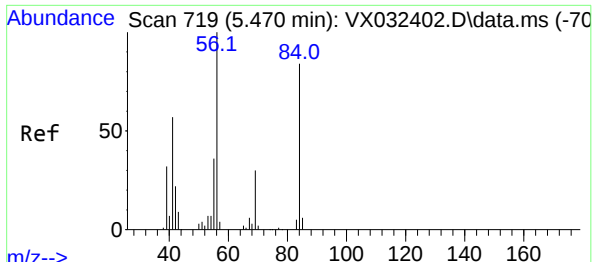
72 0.0 37.6 56.4#

71 0.0 34.7 52.1#



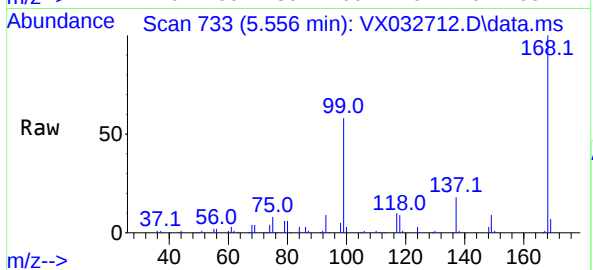
Abundance



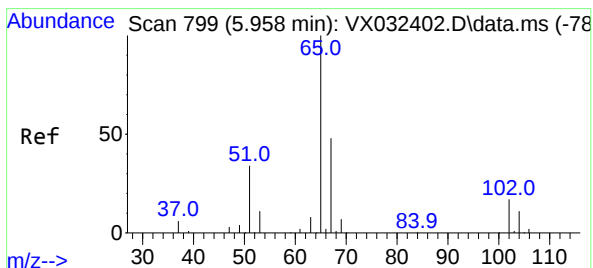
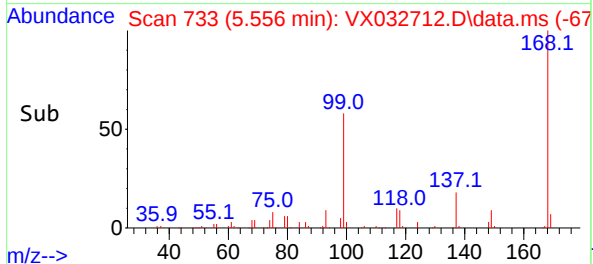
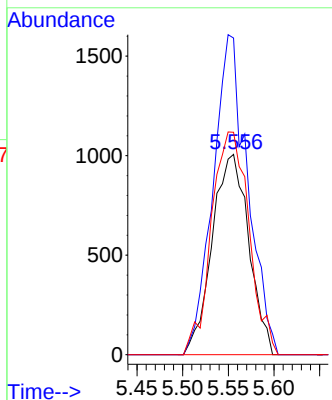


#31
Cyclohexane
Concen: 1.385 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Instrument :
MSVOA_X
ClientSampleId :
TP-12

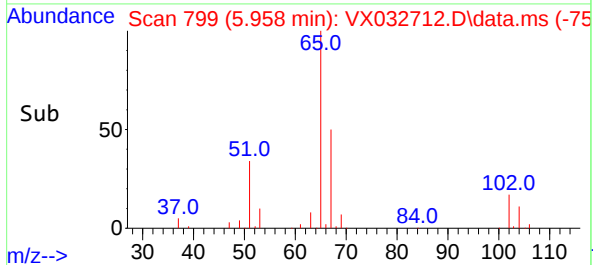
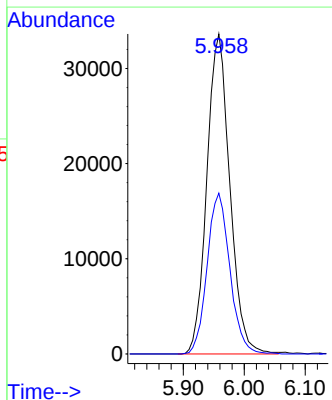
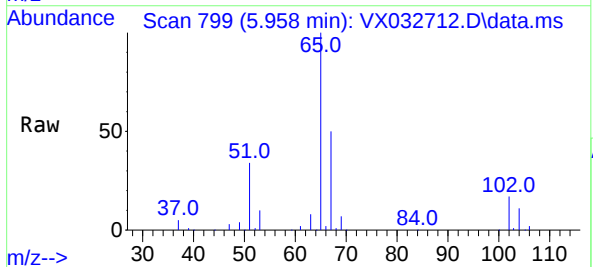


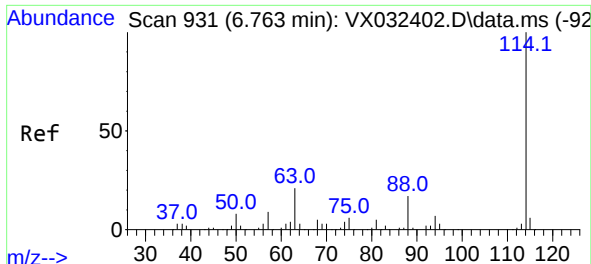
Tgt Ion: 56 Resp: 2801
Ion Ratio Lower Upper
56 100
69 158.0 24.1 36.1#
84 111.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.772 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 65 Resp: 88028
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8

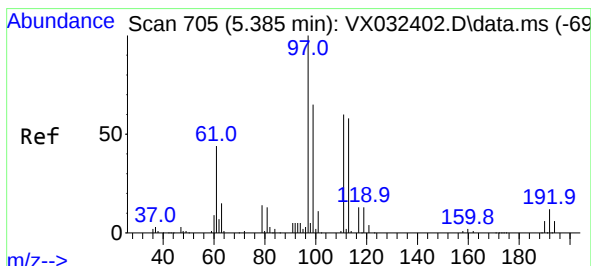
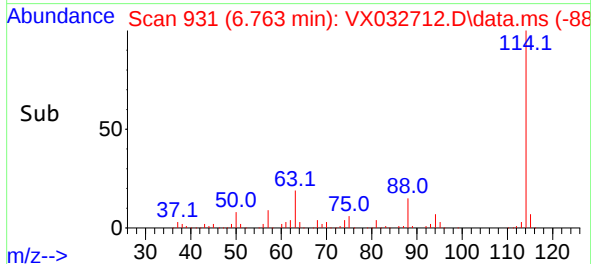
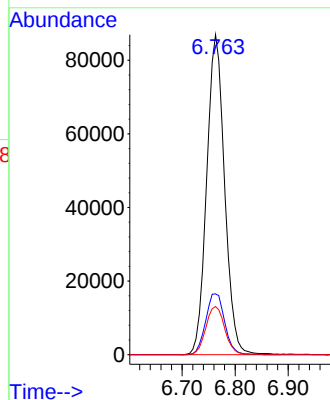
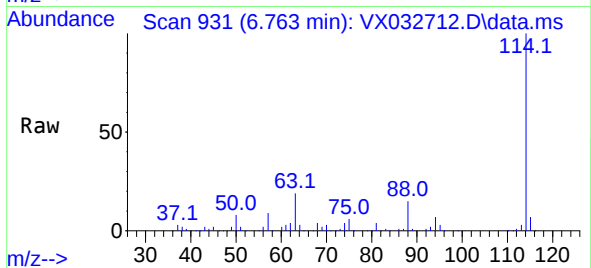




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

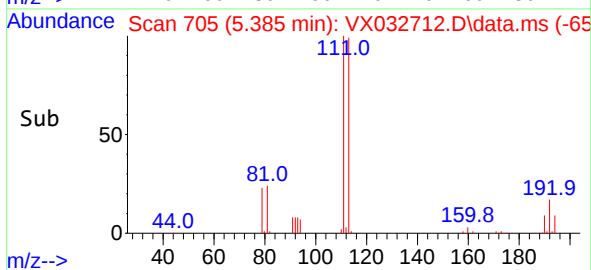
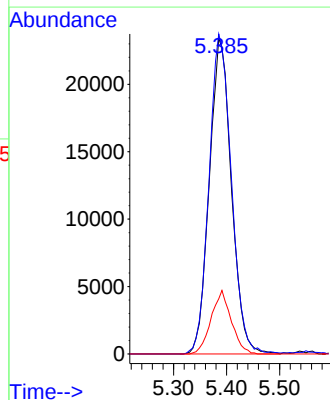
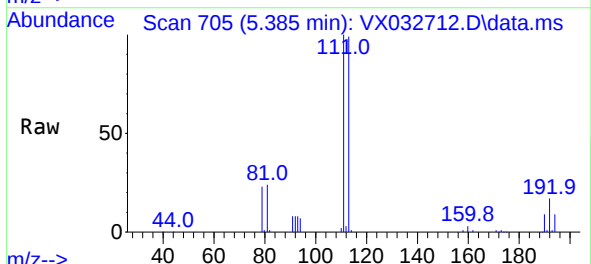
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MSVOA_X
ClientSampleId :
TP-12

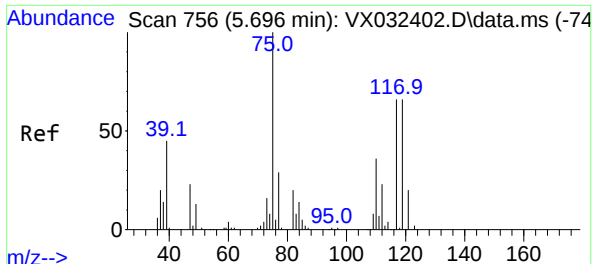
Tgt Ion:114 Resp: 203955
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.489 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion:113 Resp: 67634
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.4 15.4 23.2

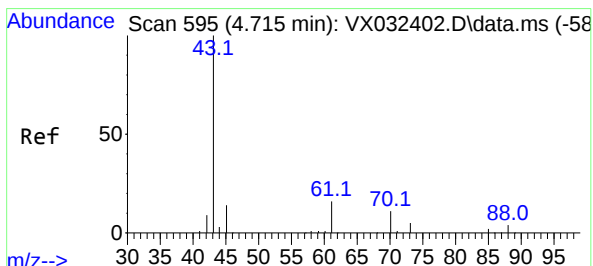
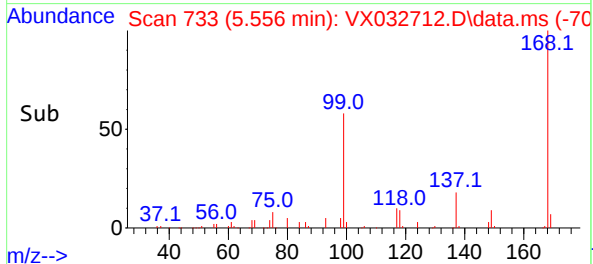
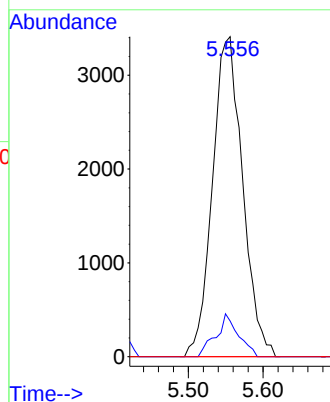
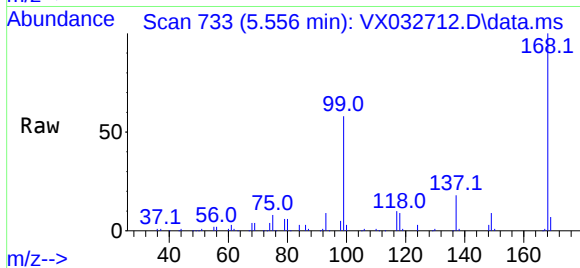




#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

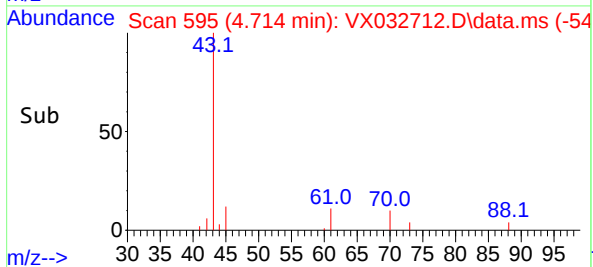
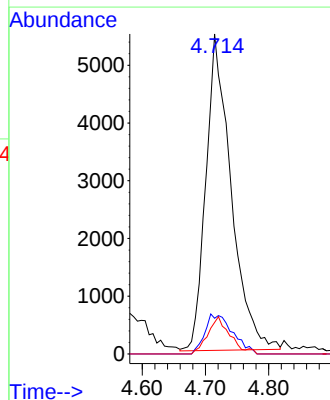
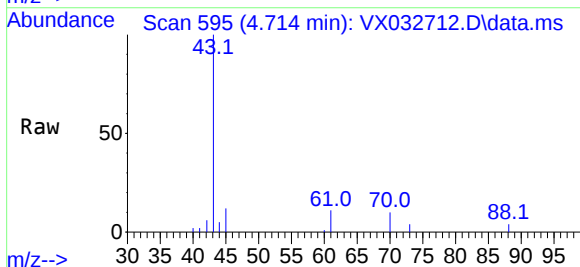
Instrument :
MSVOA_X
ClientSampleId :
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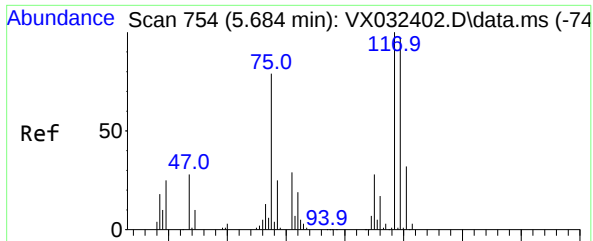
Tgt Ion: 75 Resp: 9568
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 7.219 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

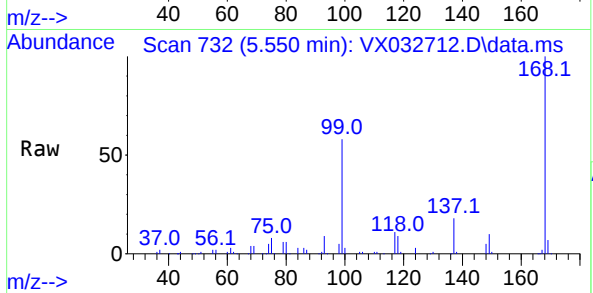
Tgt Ion: 43 Resp: 15224
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 10.4 9.1 13.7



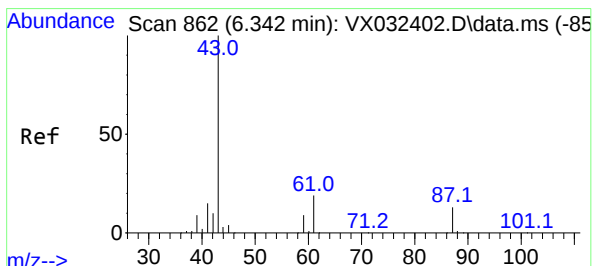
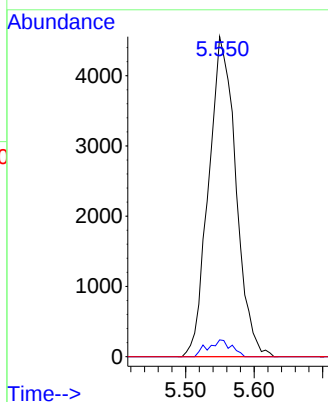
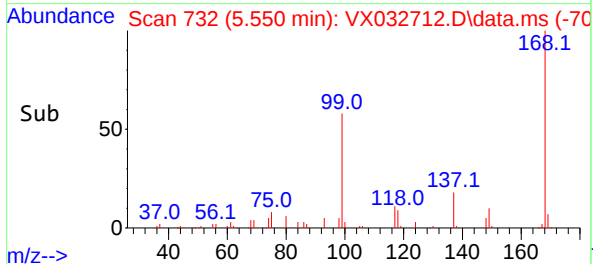


#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Instrument :
MSVOA_X
ClientSampleId :
TP-12

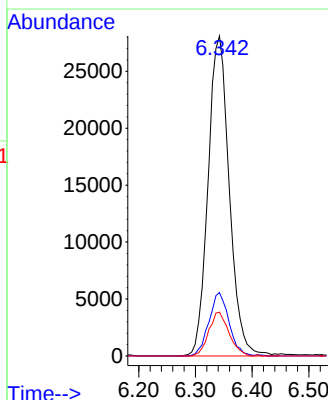
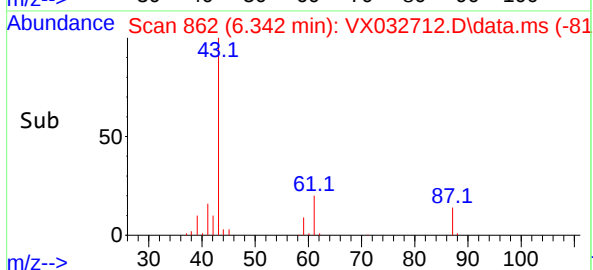
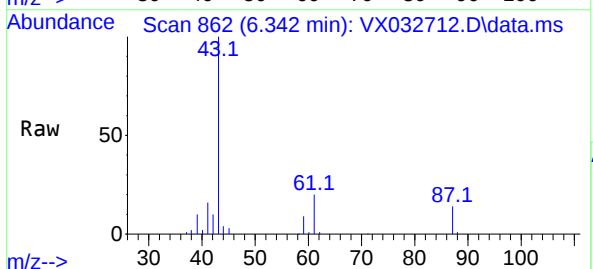


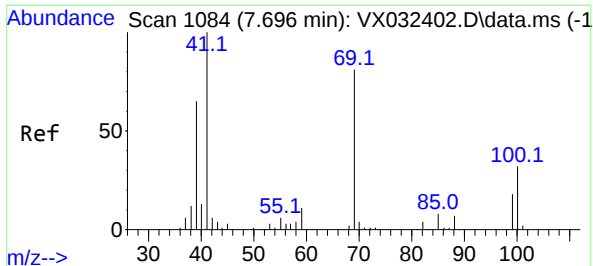
Tgt Ion:117 Resp: 12559
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 22.620 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 43 Resp: 73242
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.0
87 13.0 10.8 16.2





#48

Methyl methacrylate

Concen: 39.938 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX032712.D

Acq: 10 Nov 2022 07:13

Instrument :

MSVOA_X

ClientSampleId :

TP-12

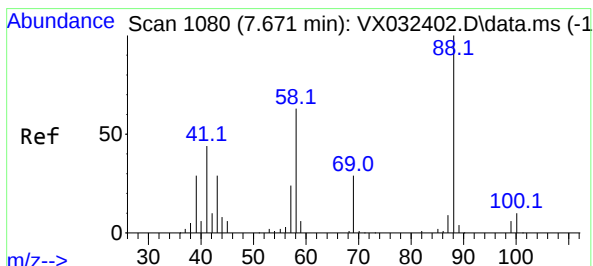
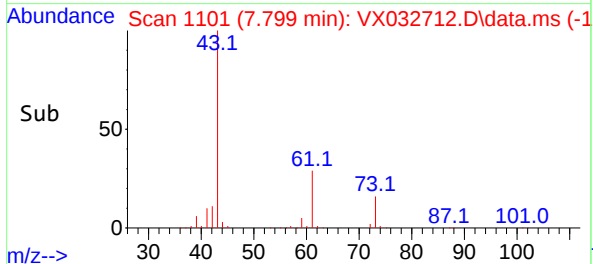
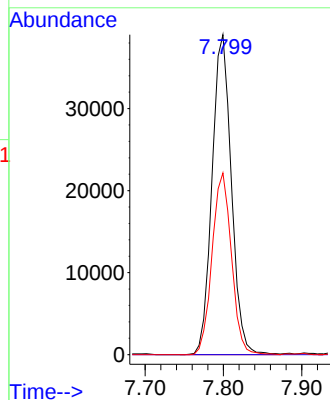
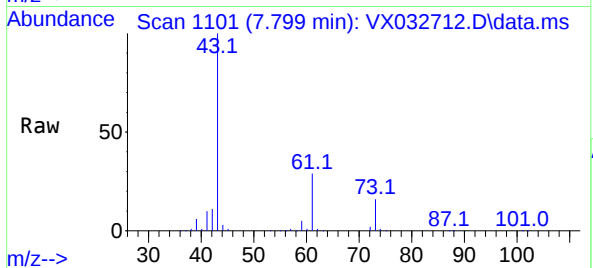
Tgt Ion: 41 Resp: 66786

Ion Ratio Lower Upper

41 100

69 0.0 65.1 97.7#

39 57.0 51.9 77.9



#49

1,4-Dioxane

Concen: 1.726 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.122 min

Lab File: VX032712.D

Acq: 10 Nov 2022 07:13

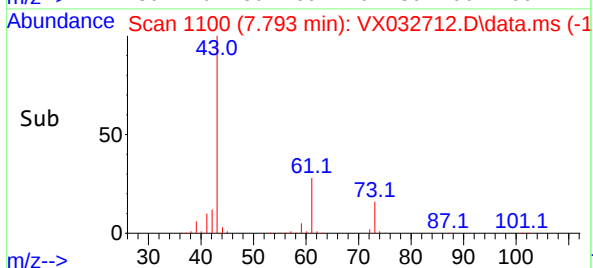
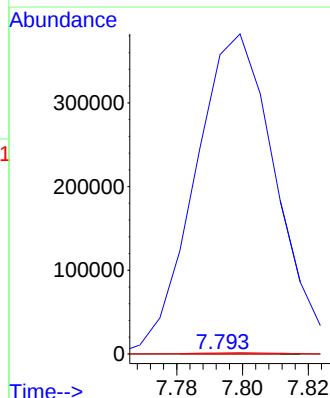
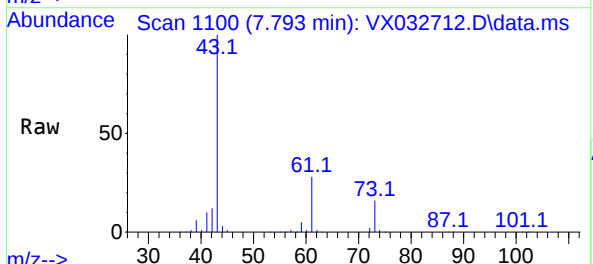
Tgt Ion: 88 Resp: 55

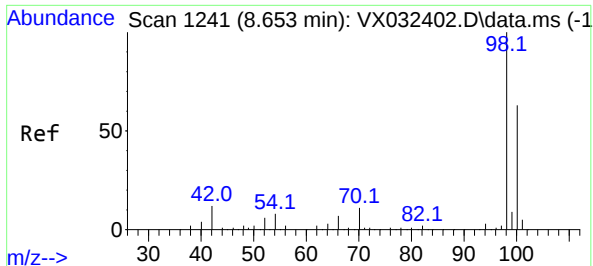
Ion Ratio Lower Upper

88 100

43 1202427.3 26.6 39.8#

58 4434.5 51.7 77.5#

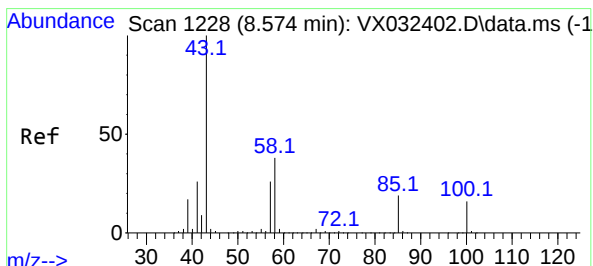
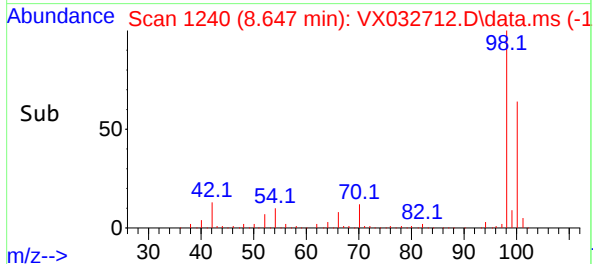
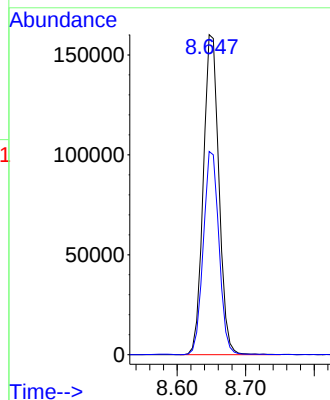
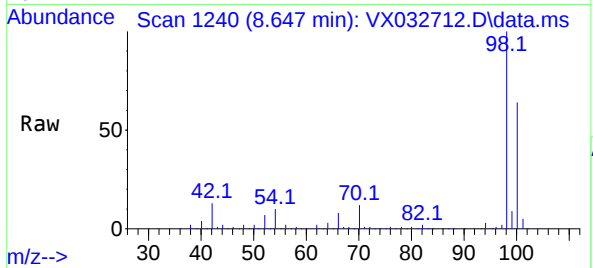




#50
Toluene-d8
Concen: 50.191 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

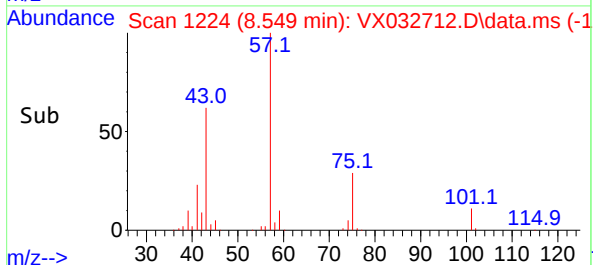
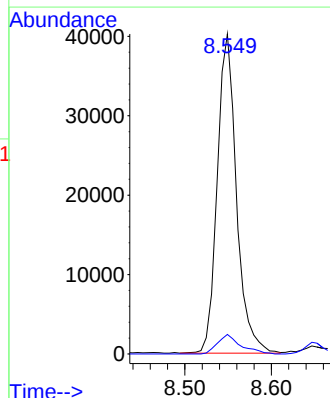
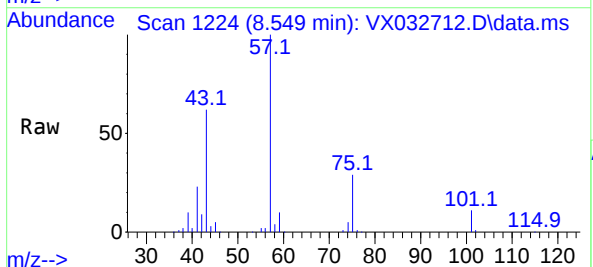
Instrument :
MSVOA_X
ClientSampleId :
TP-12

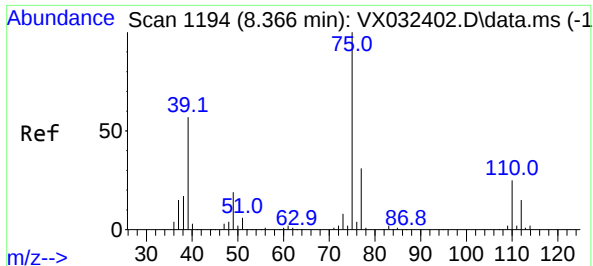
Tgt Ion: 98 Resp: 253905
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 30.400 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 43 Resp: 61999
Ion Ratio Lower Upper
43 100
58 7.3 30.9 46.3#

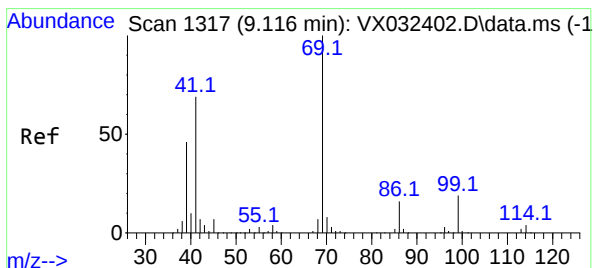
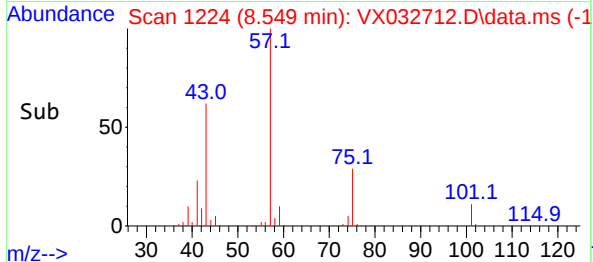
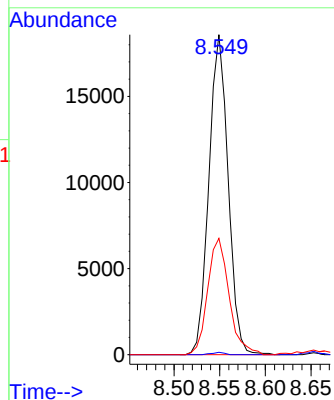
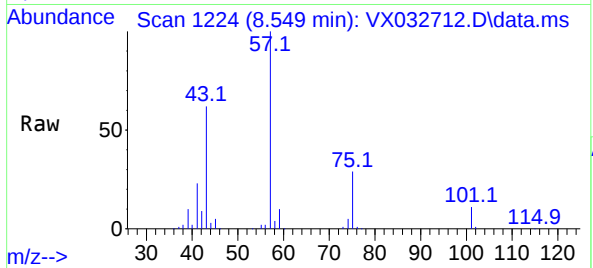




#54
 cis-1,3-Dichloropropene
 Concen: 11.630 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX032712.D
 Acq: 10 Nov 2022 07:13

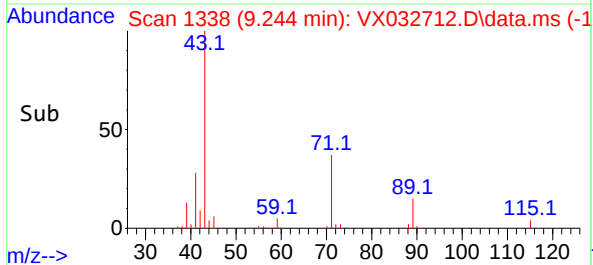
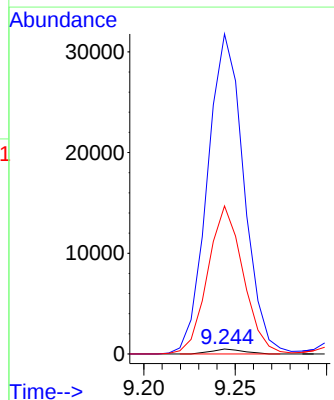
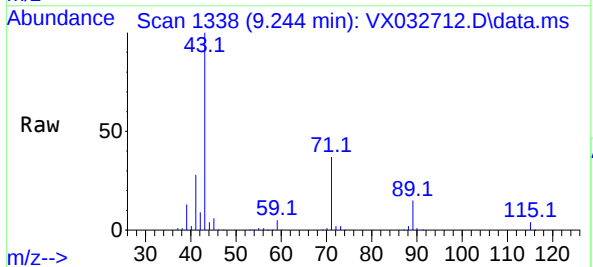
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12

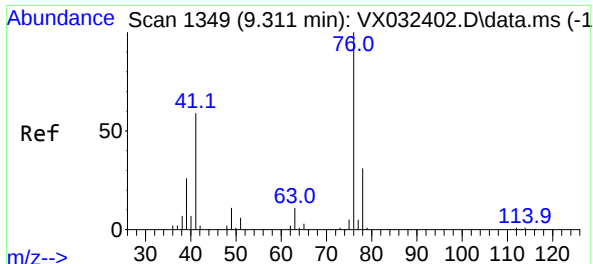
Tgt Ion: 75 Resp: 27149
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.1 37.7#
 39 36.3 45.5 68.3#



#56
 Ethyl methacrylate
 Concen: 0.262 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX032712.D
 Acq: 10 Nov 2022 07:13

Tgt Ion: 69 Resp: 593
 Ion Ratio Lower Upper
 69 100
 41 7440.5 54.3 81.5#
 39 3360.0 35.2 52.8#

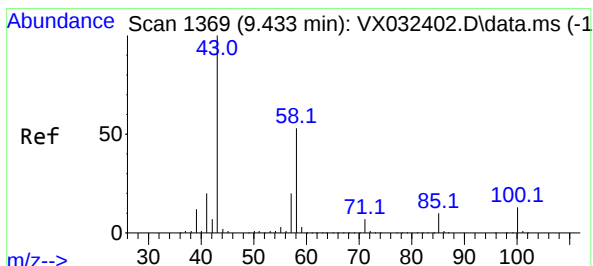
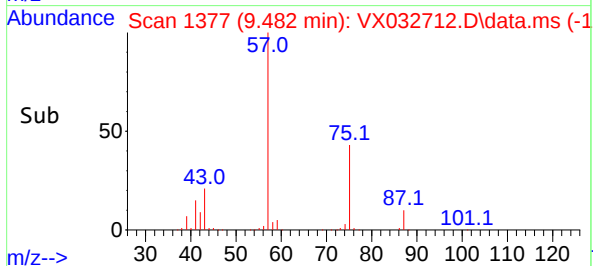
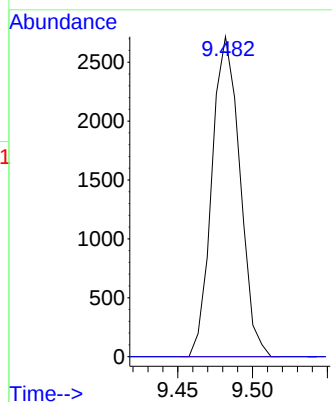
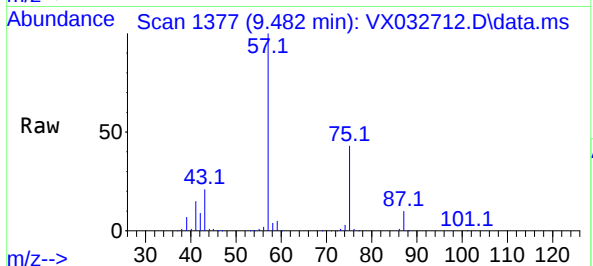




#57
1,3-Dichloropropane
Concen: 1.393 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

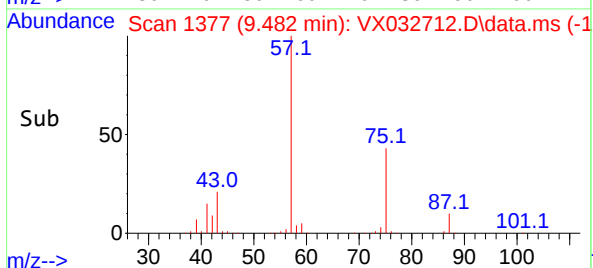
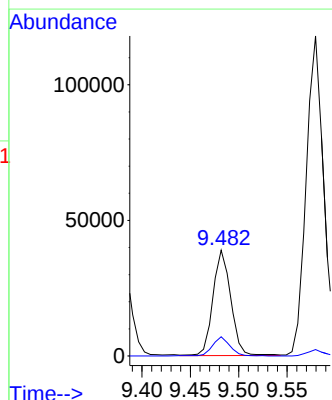
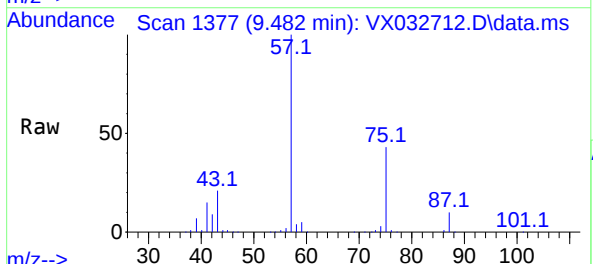
Instrument :
MSVOA_X
ClientSampleId :
TP-12

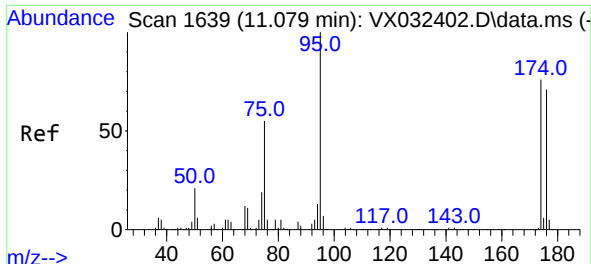
Tgt Ion: 76 Resp: 3544
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 32.870 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 43 Resp: 49742
Ion Ratio Lower Upper
43 100
58 18.0 26.5 79.5#

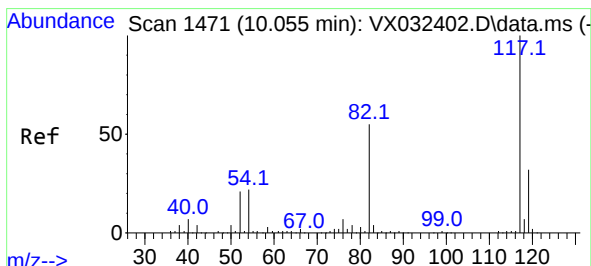
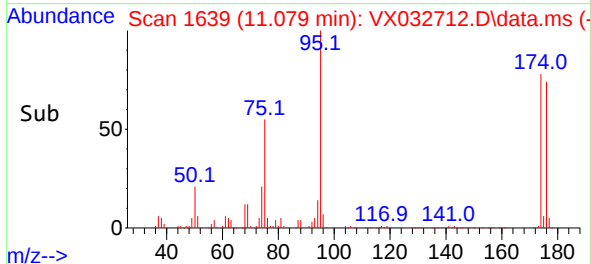
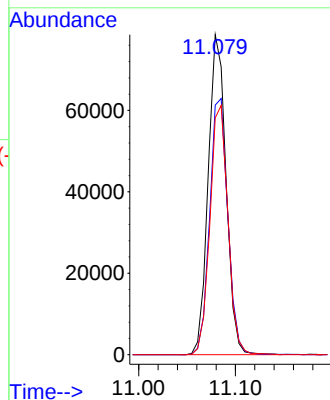
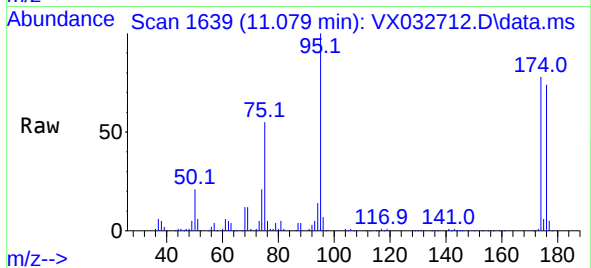




#62
4-Bromofluorobenzene
Concen: 51.043 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

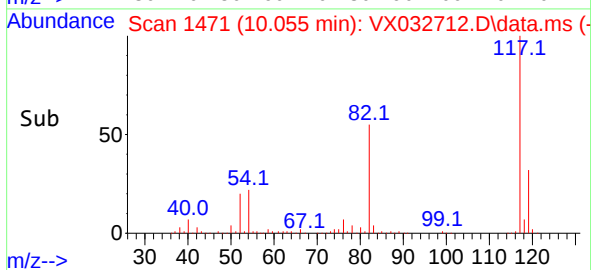
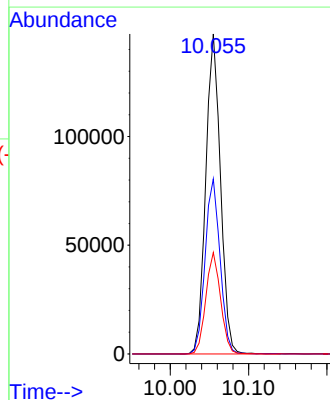
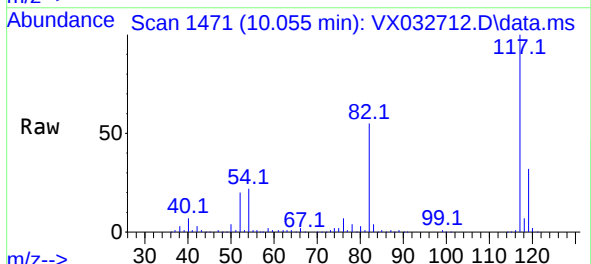
Instrument :
MSVOA_X
ClientSampleId :
TP-12

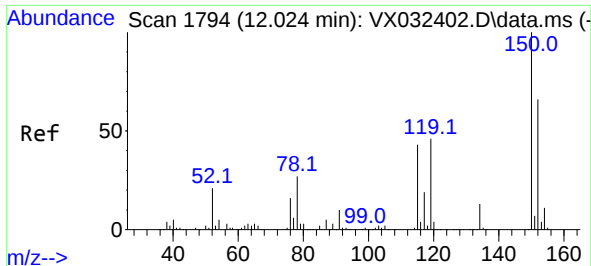
Tgt Ion: 95 Resp: 100864
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 117 Resp: 191446
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 31.7 25.7 38.5

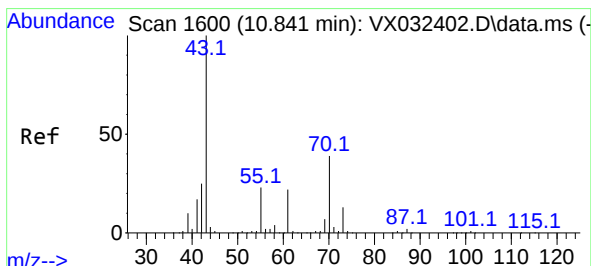
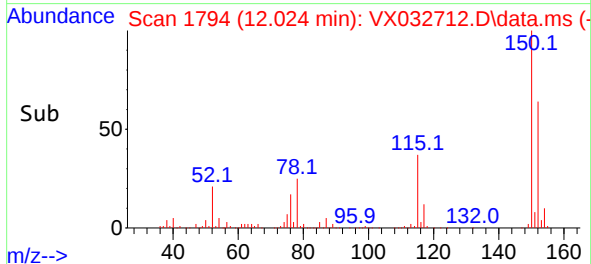
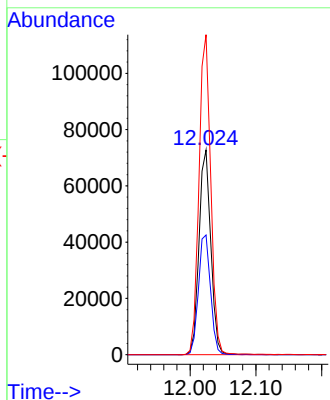
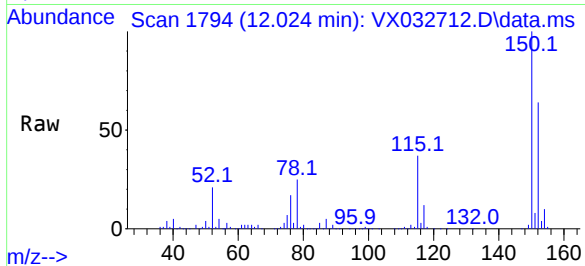




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

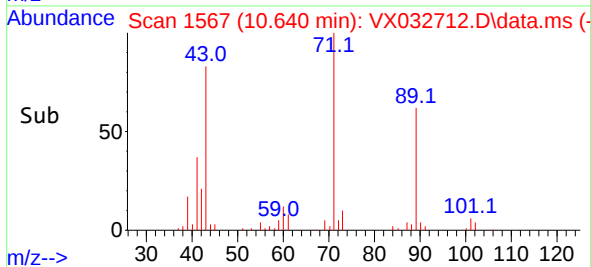
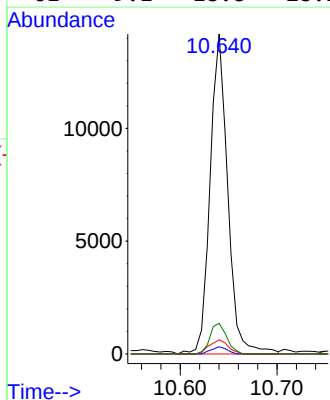
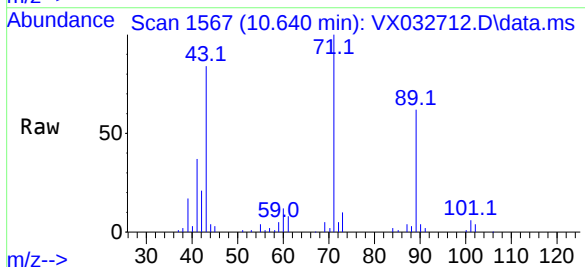
Instrument :
MSVOA_X
ClientSampleId :
TP-12

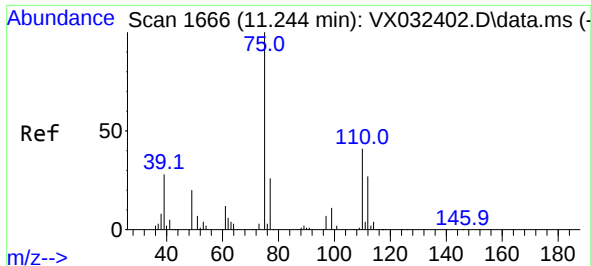
Tgt Ion:152 Resp: 90713
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 155.9 0.0 351.8



#74
N-ethyl acetate
Concen: 6.612 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 43 Resp: 17958
Ion Ratio Lower Upper
43 100
70 2.0 33.6 50.4#
55 4.7 19.4 29.2#
61 9.1 18.8 28.2#

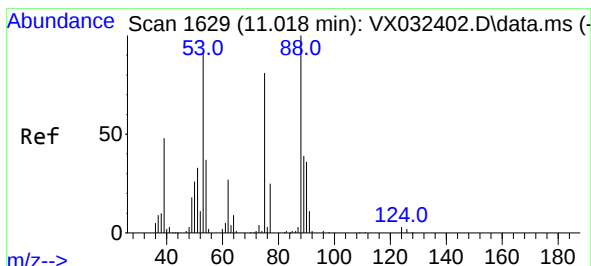
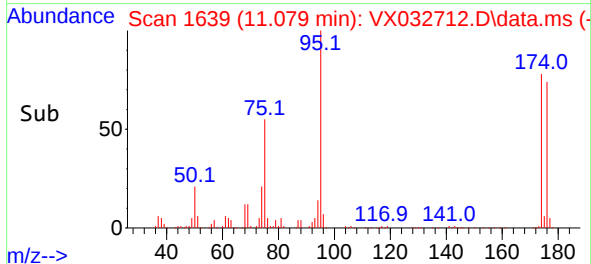
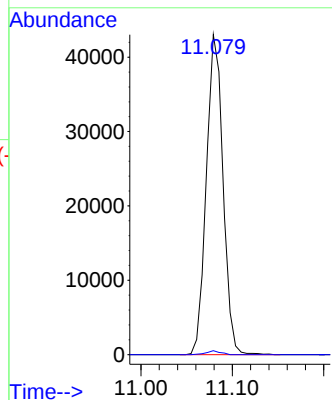
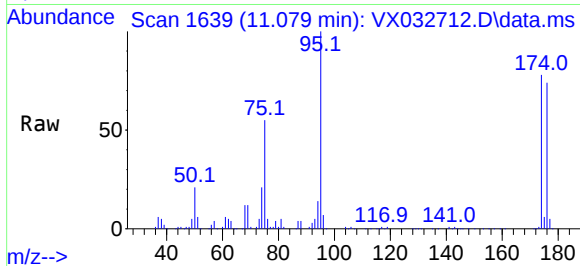




#76
1,2,3-Trichloropropane
Concen: 26.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Instrument :
MSVOA_X
ClientSampleId :
TP-12

Tgt Ion: 75 Resp: 54412
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.792 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032712.D
Acq: 10 Nov 2022 07:13

Tgt Ion: 75 Resp: 54412
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

