

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032876.D
 Acq On : 16 Nov 2022 18:20
 Operator : JC/MD
 Sample : PB149082TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 05:44:02 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

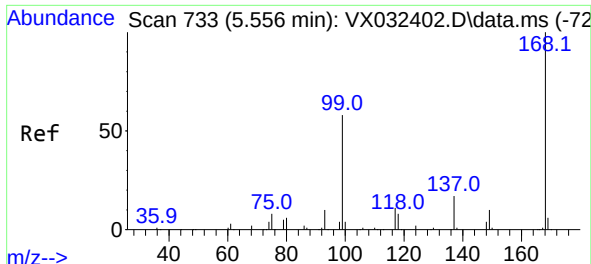
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	98658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72429	52.836	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.680%	
35) Dibromofluoromethane	5.391	113	56445	47.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.600%	
50) Toluene-d8	8.647	98	210290	50.682	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	11.079	95	81585	50.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	173	0.204	ug/l #	59
11) Tert butyl alcohol	2.941	59	1761	8.826	ug/l #	72
16) Acetone	2.386	43	10535	21.145	ug/l	98
18) Methyl Acetate	2.709	43	812	0.501	ug/l #	77
20) Methylene Chloride	2.794	84	6986	6.115	ug/l	92
25) 2-Butanone	4.593	43	1212	1.570	ug/l #	86
31) Cyclohexane	5.556	56	2067	1.244	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7243	4.359	ug/l #	51
37) Ethyl Acetate	4.715	43	15394	8.900	ug/l	98
38) Carbon Tetrachloride	5.550	117	10215	5.543	ug/l #	17
43) Isopropyl Acetate	6.336	43	69911	26.325	ug/l	99
48) Methyl methacrylate	7.799	41	67360	49.111	ug/l #	45
49) 1,4-Dioxane	7.793	88	63	2.410	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	61505	36.768	ug/l #	49
53) t-1,3-Dichloropropene	8.952	75	497	0.278	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	27111	14.160	ug/l #	60
56) Ethyl methacrylate	9.250	69	580	0.312	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3492	1.674	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.263	63	187	0.209	ug/l #	46
59) 2-Hexanone	9.482	43	51142	41.203	ug/l #	51
74) N-amyl acetate	10.640	43	18283	8.545	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	44635	28.076	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44635	89.337	ug/l #	6
94) Hexachlorobutadiene	13.725	225	360	0.512	ug/l	77

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

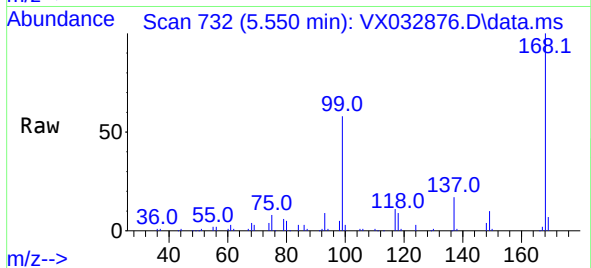
Quant Time: Nov 17 05:44:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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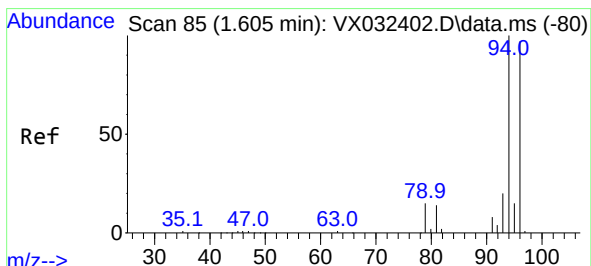
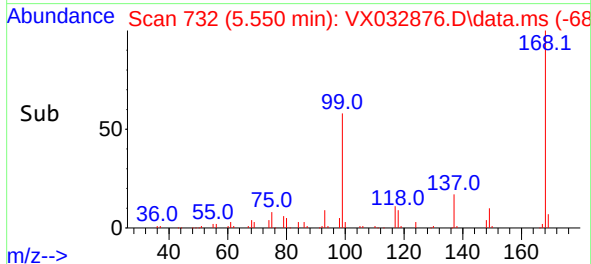
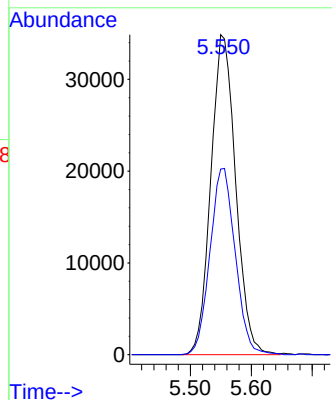


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Instrument :
MSVOA_X
ClientSampleId :

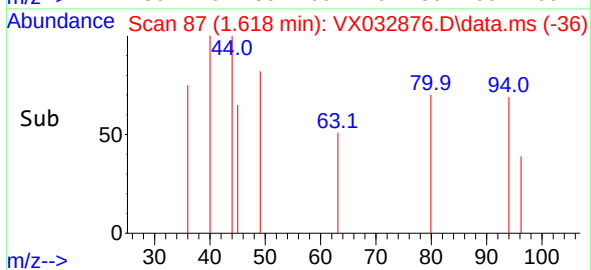
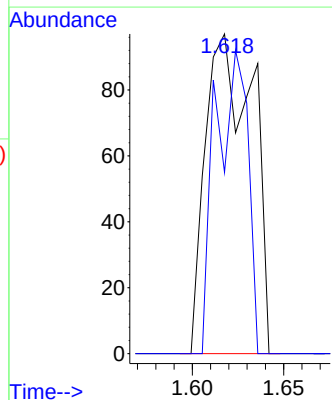
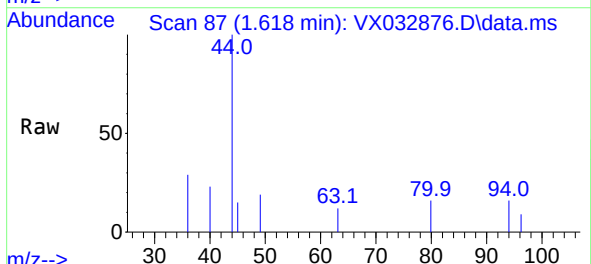


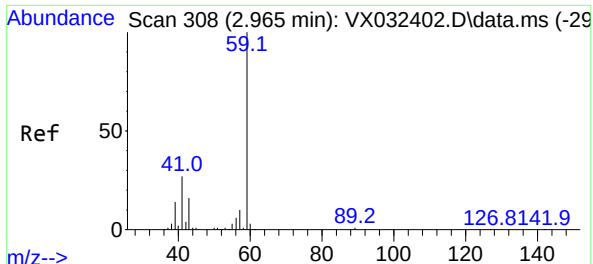
Tgt Ion:168 Resp: 98658
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 56.7 77.6 116.4#





#11

Tert butyl alcohol

Concen: 8.826 ug/l

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

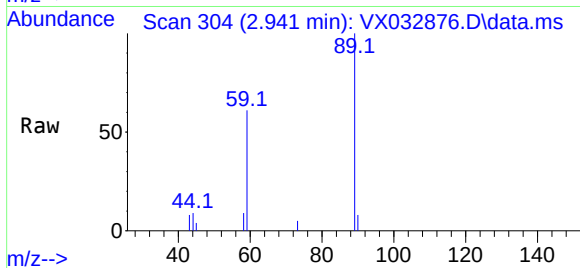
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Acq: 16 Nov 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

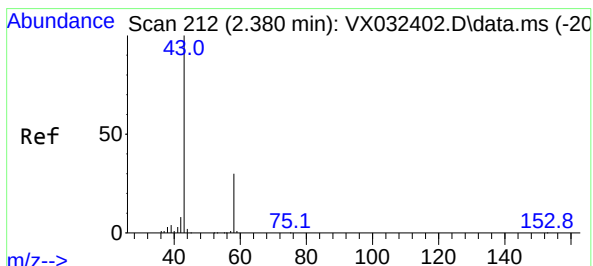
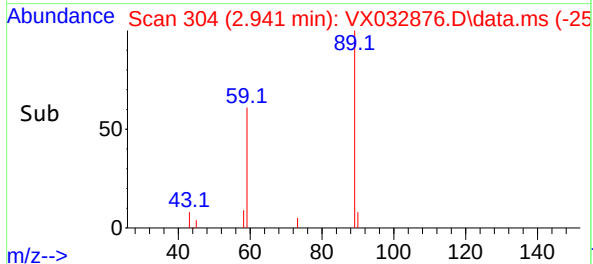
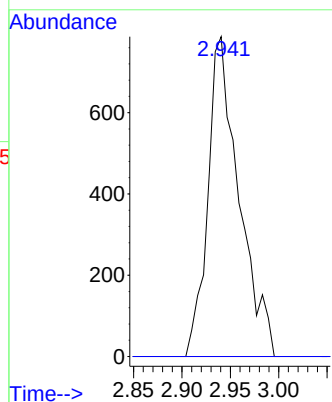


Tgt Ion: 59 Resp: 1761

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 21.145 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032876.D

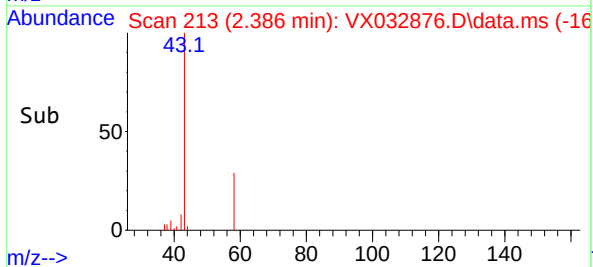
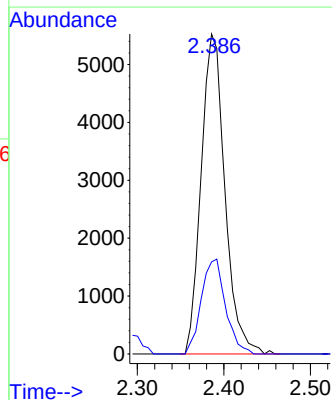
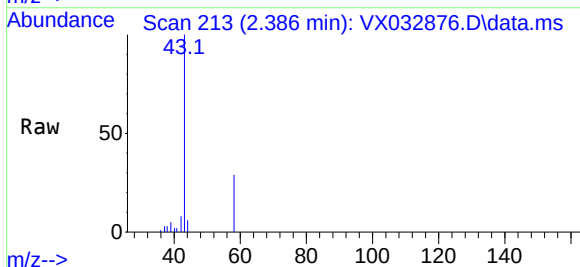
Acq: 16 Nov 2022 18:20

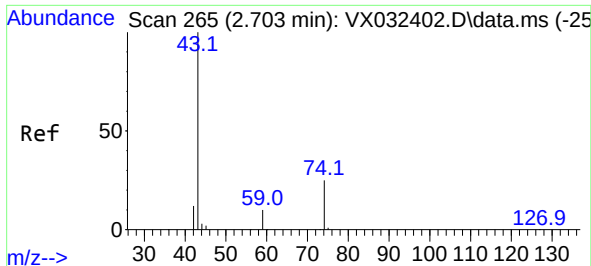
Tgt Ion: 43 Resp: 10535

Ion Ratio Lower Upper

43 100

58 28.7 23.8 35.8

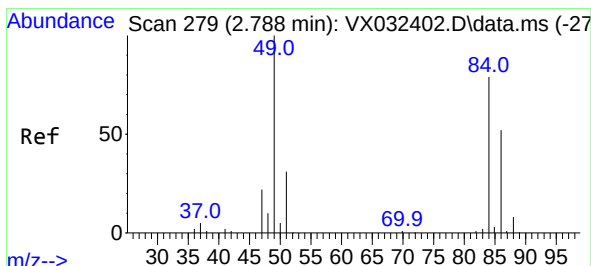
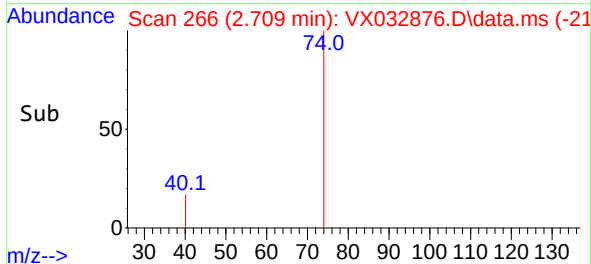
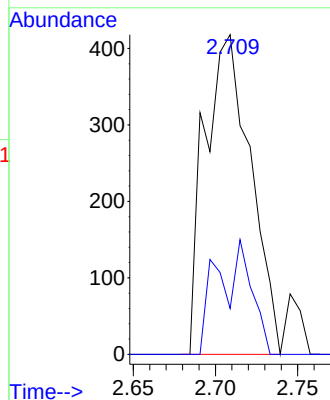
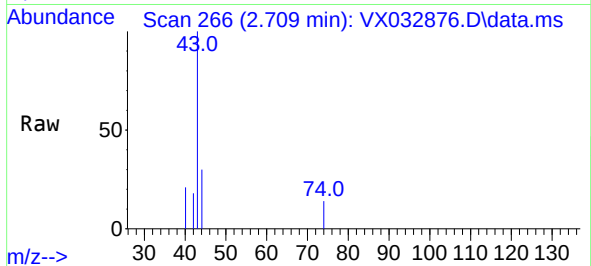




#18
Methyl Acetate
Concen: 0.501 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

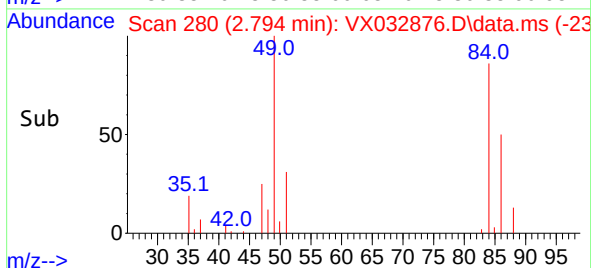
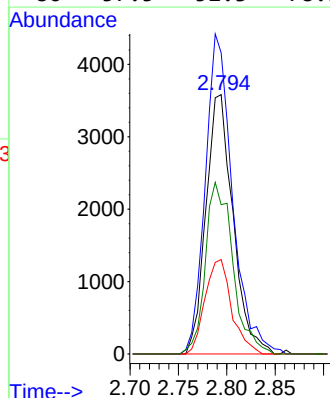
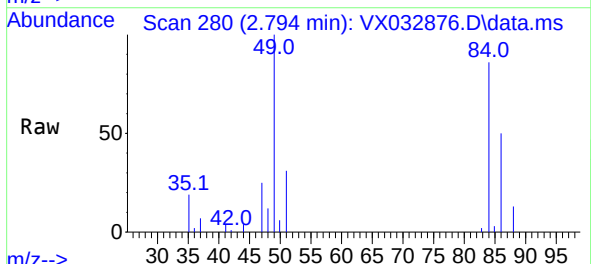
Instrument :
MSVOA_X
ClientSampleId :

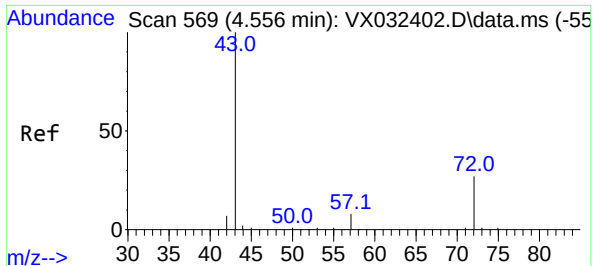
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
74 13.1 19.4 29.0#



#20
Methylene Chloride
Concen: 6.115 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Tgt Ion: 84 Resp: 6986
Ion Ratio Lower Upper
84 100
49 116.1 101.0 151.6
51 36.4 31.1 46.7
86 57.5 52.3 78.5

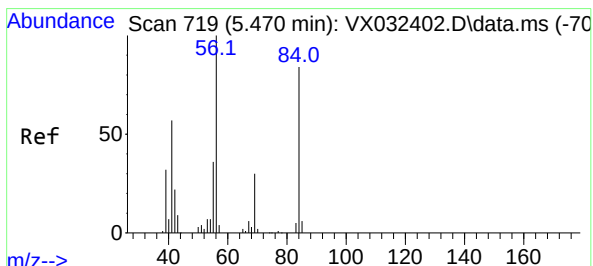
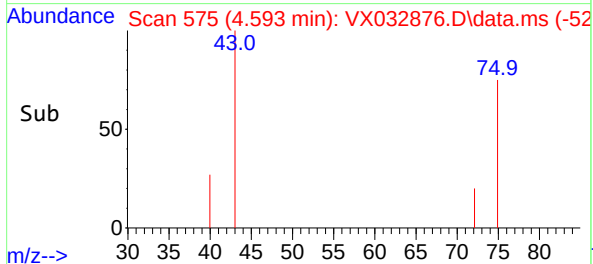
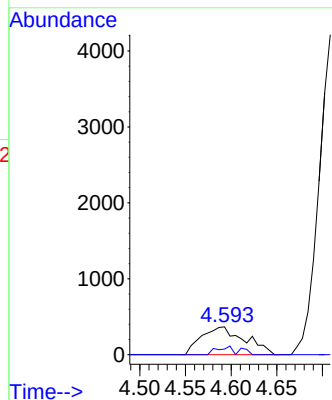
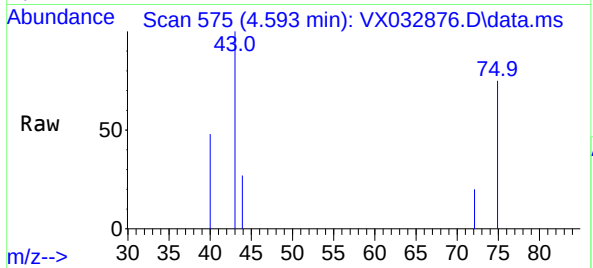




#25
2-Butanone
Concen: 1.570 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

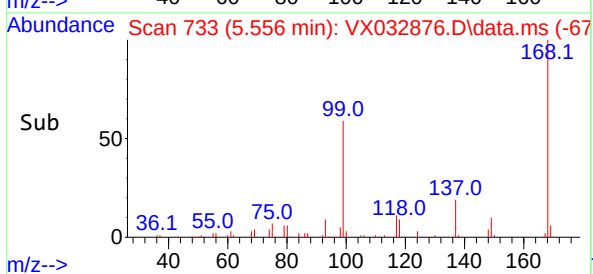
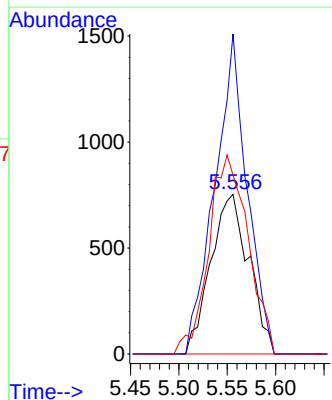
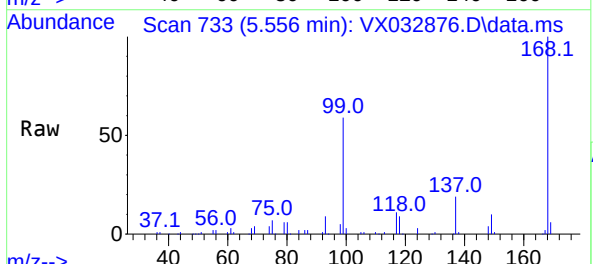
Instrument :
MSVOA_X
ClientSampleId :

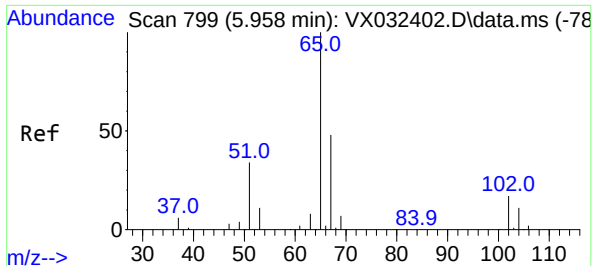
Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
72 20.1 22.2 33.2#



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Tgt Ion: 56 Resp: 2067
Ion Ratio Lower Upper
56 100
69 200.3 24.1 36.1#
84 112.1 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 52.836 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032876.D

Acq: 16 Nov 2022 18:20

Instrument :

MSVOA_X

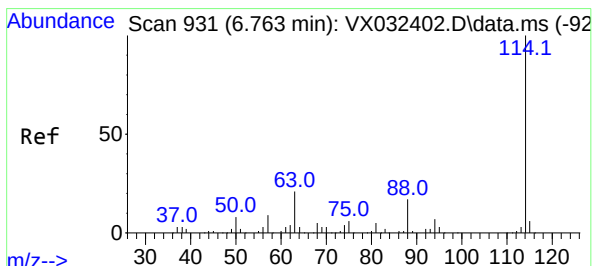
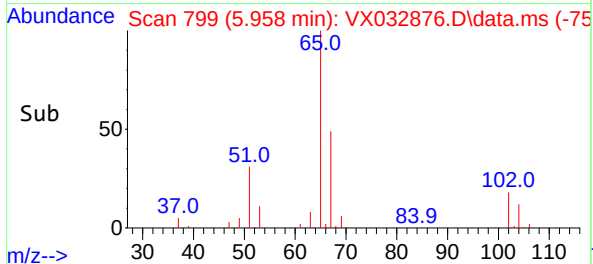
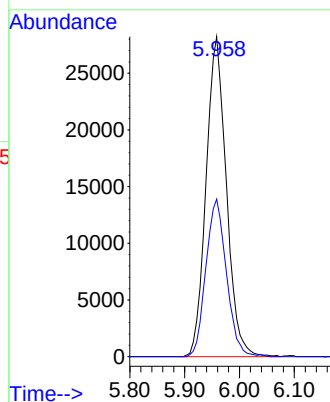
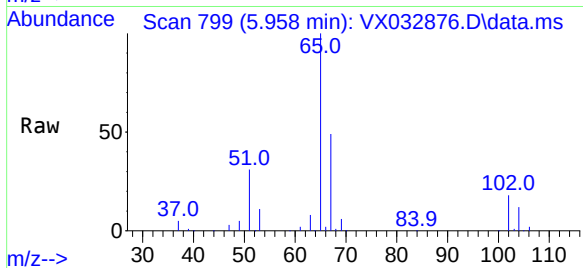
ClientSampleId :

Tgt Ion: 65 Resp: 72429

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032876.D

Acq: 16 Nov 2022 18:20

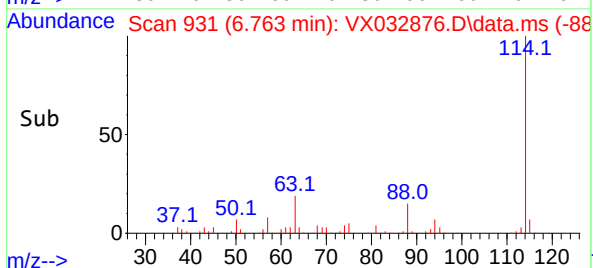
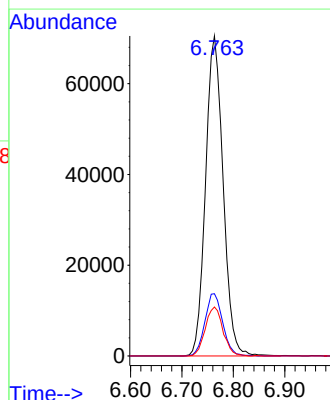
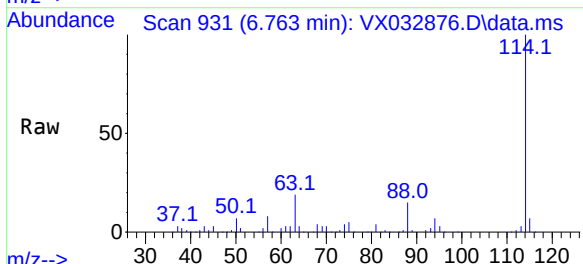
Tgt Ion: 114 Resp: 167285

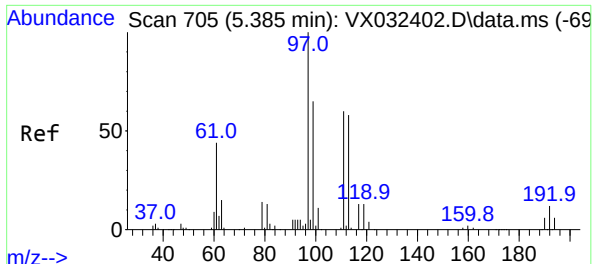
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

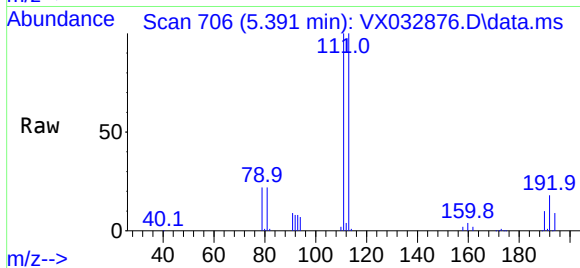
88 15.3 0.0 33.4



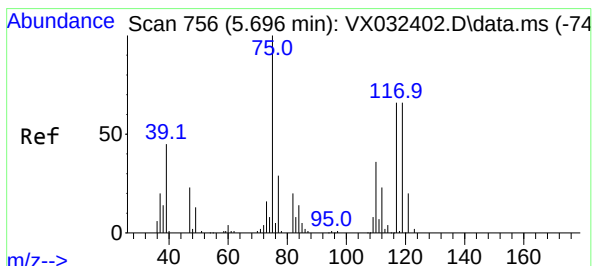
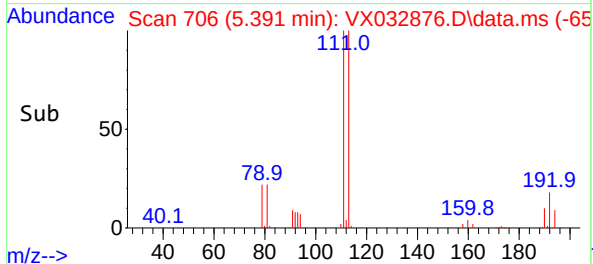
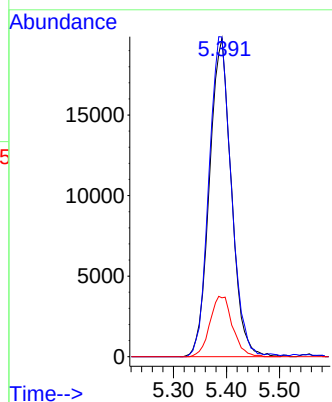


#35
Dibromofluoromethane
Concen: 47.303 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Instrument :
MSVOA_X
ClientSampleId :

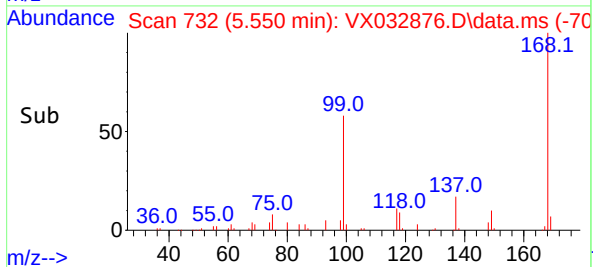
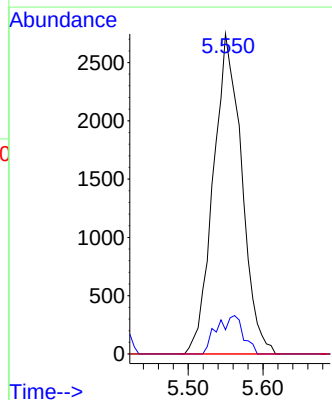
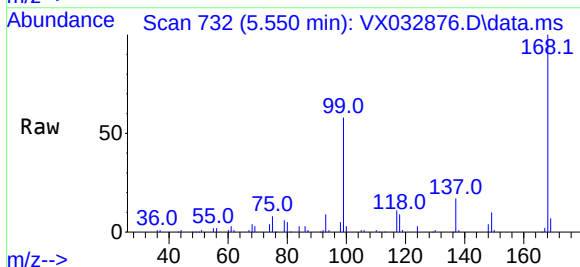


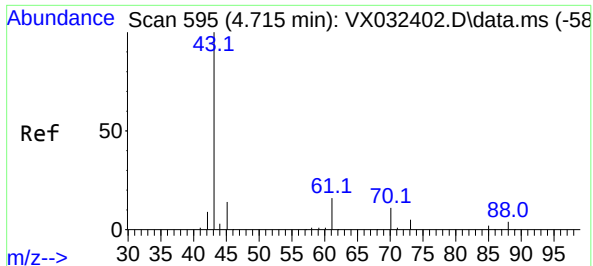
Tgt Ion:113 Resp: 56445
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.359 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Tgt Ion: 75 Resp: 7243
Ion Ratio Lower Upper
75 100
110 11.2 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 8.900 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

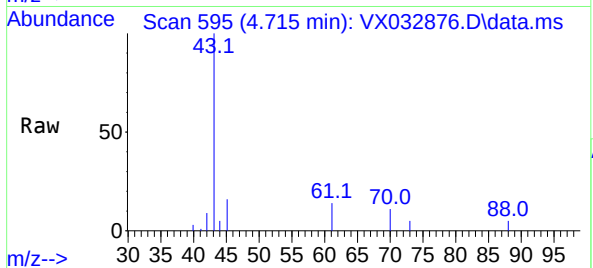
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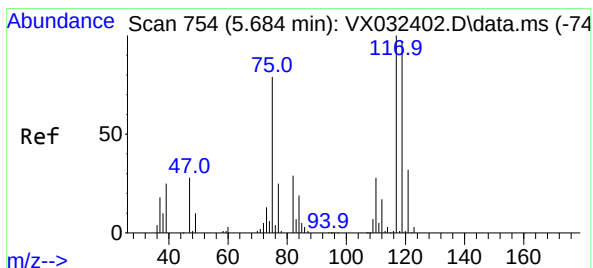
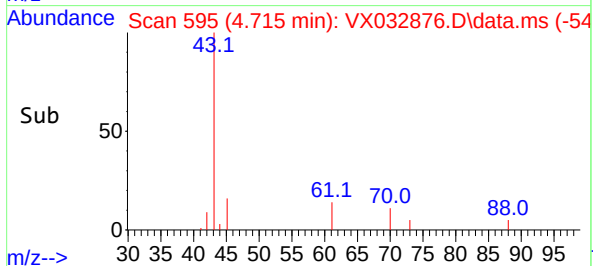
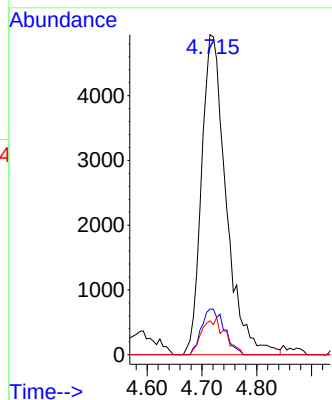
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	15394
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.5	17.3
70	10.8	9.1	13.7



#38

Carbon Tetrachloride

Concen: 5.543 ug/l

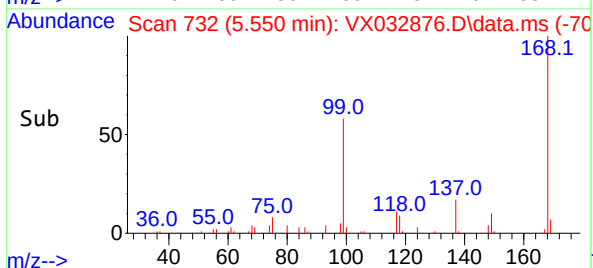
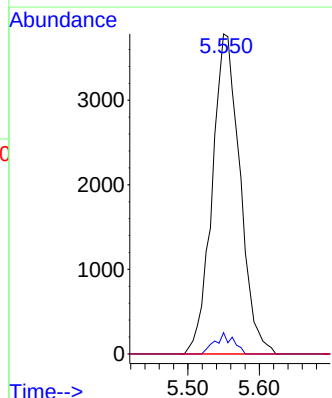
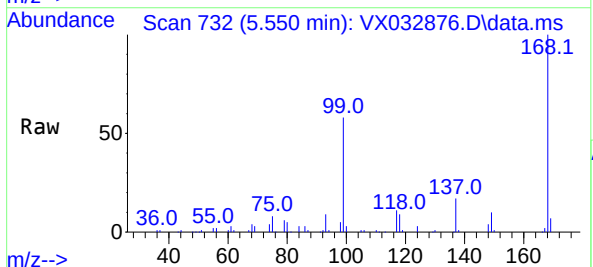
RT: 5.550 min Scan# 732

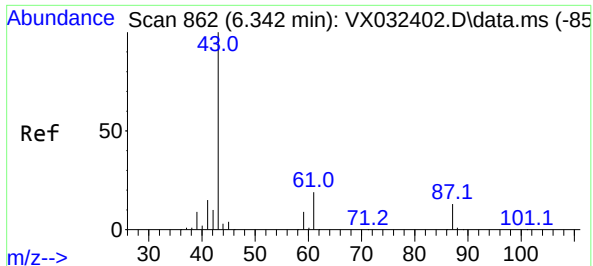
Delta R.T. -0.134 min

Lab File: VX032876.D

Acq: 16 Nov 2022 18:20

Tgt Ion:	117	Resp:	10215
Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.2	115.8#
121	0.0	25.8	38.6#

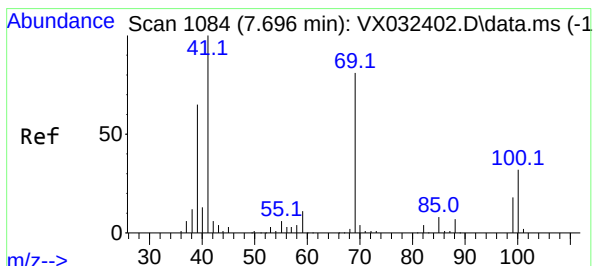
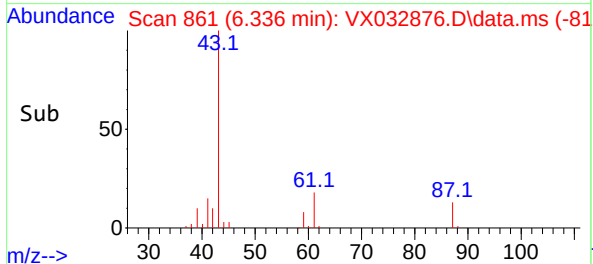
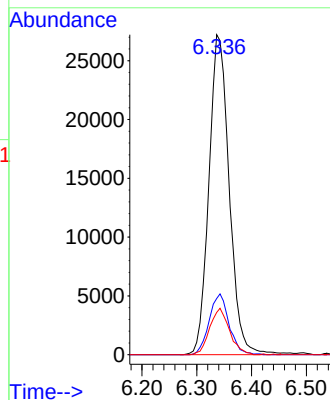
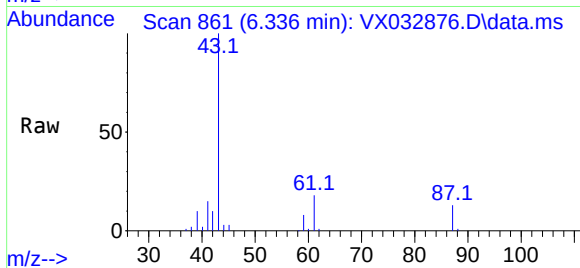




#43
Isopropyl Acetate
Concen: 26.325 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

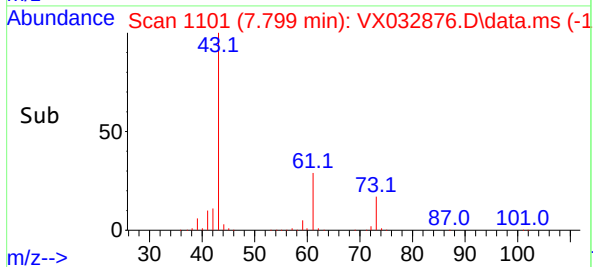
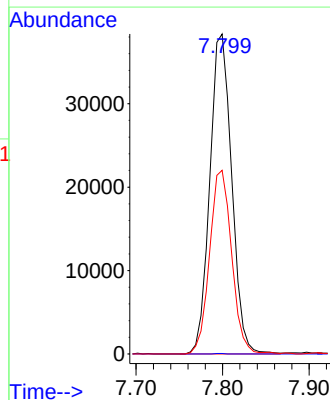
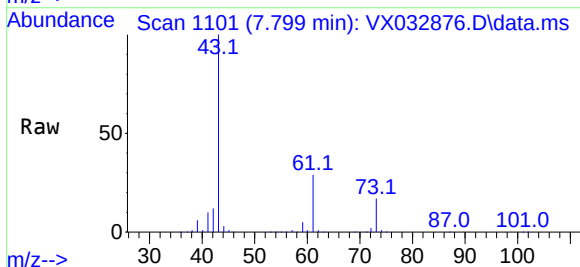
Instrument :
MSVOA_X
ClientSampleId :

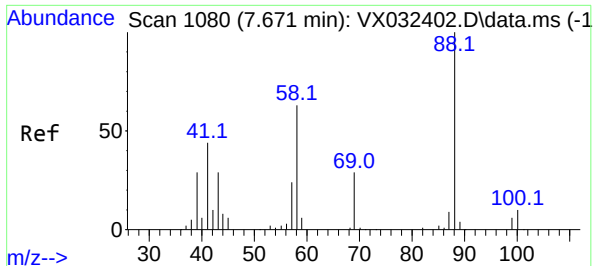
Tgt Ion: 43 Resp: 69911
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0
87 14.1 10.8 16.2



#48
Methyl methacrylate
Concen: 49.111 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Tgt Ion: 41 Resp: 67360
Ion Ratio Lower Upper
41 100
69 0.1 65.1 97.7#
39 58.1 51.9 77.9





#49

1,4-Dioxane

Concen: 2.410 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.122 min

Lab File: VX032876.D

Acq: 16 Nov 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

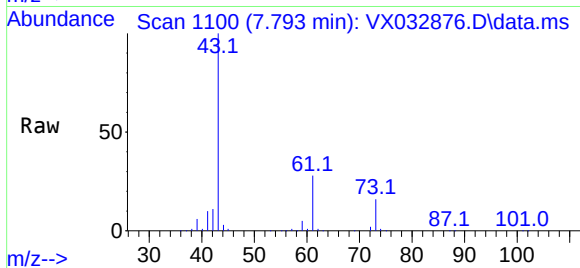
Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

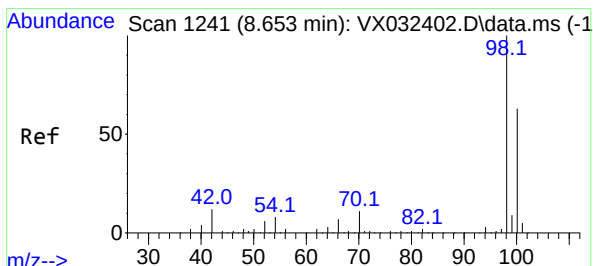
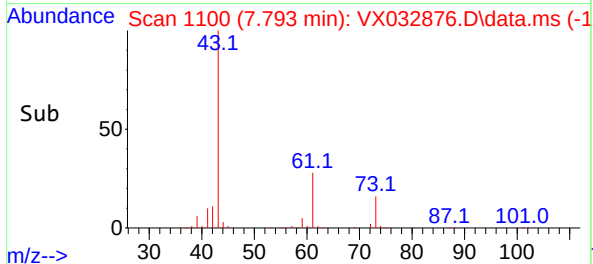
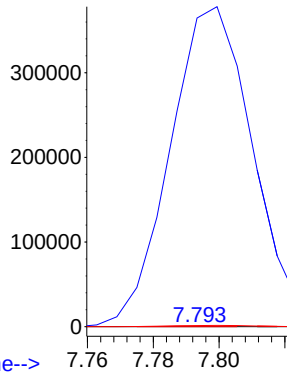
88 100

43 1058990.5 26.6 39.8#

58 4382.5 51.7 77.5#



Abundance



#50

Toluene-d8

Concen: 50.682 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032876.D

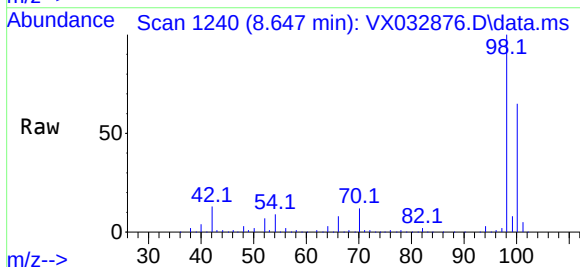
Acq: 16 Nov 2022 18:20

Tgt Ion: 98 Resp: 210290

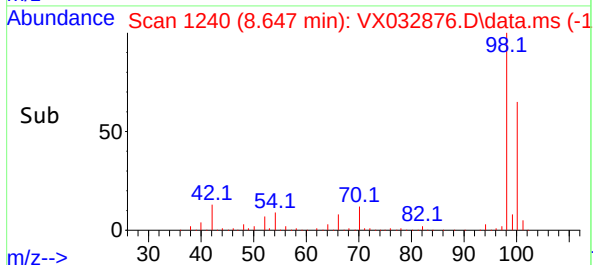
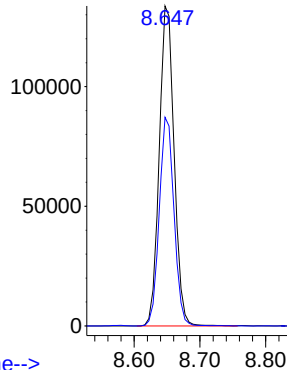
Ion Ratio Lower Upper

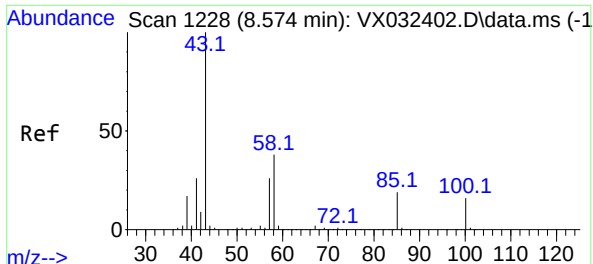
98 100

100 64.7 50.9 76.3



Abundance

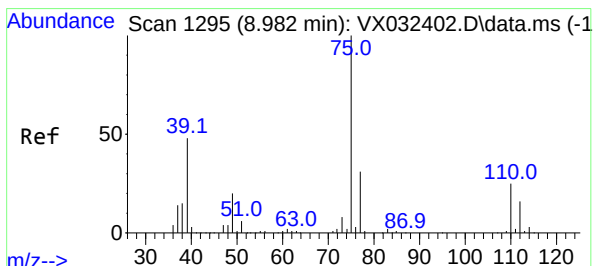
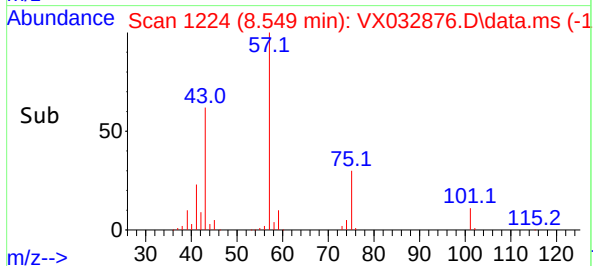
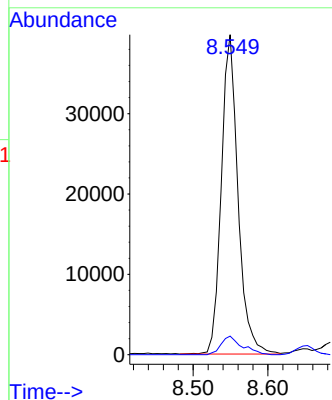
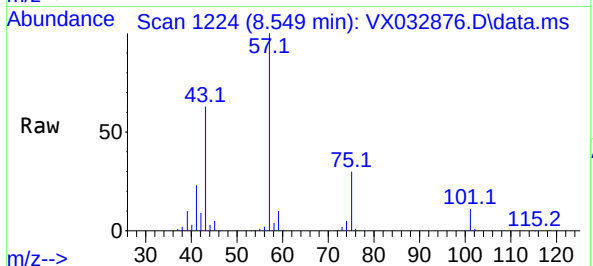




#51
4-Methyl-2-Pentanone
Concen: 36.768 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

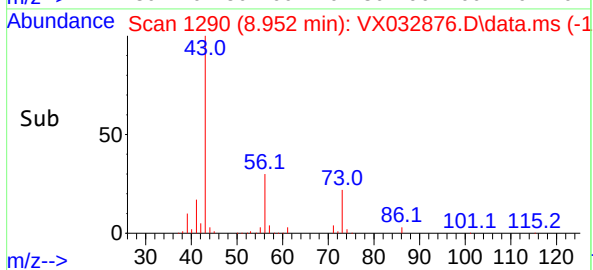
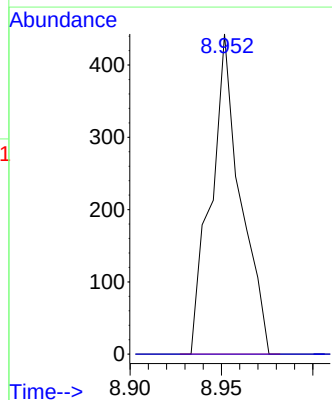
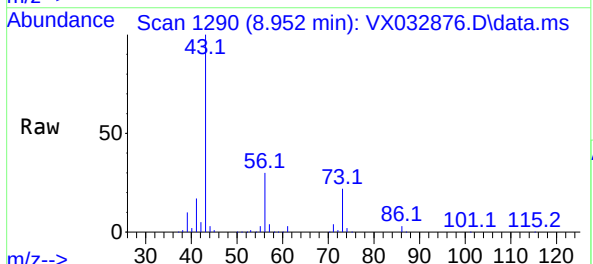
Instrument :
MSVOA_X
ClientSampleId :

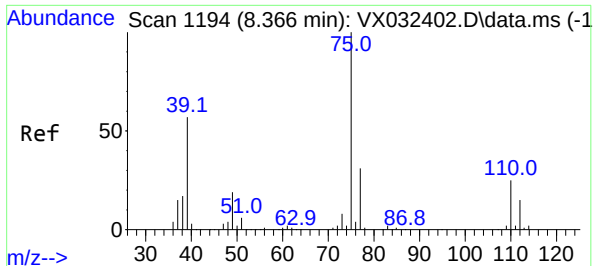
Tgt Ion: 43 Resp: 61505
Ion Ratio Lower Upper
43 100
58 7.4 30.9 46.3#



#53
t-1,3-Dichloropropene
Concen: 0.278 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Tgt Ion: 75 Resp: 497
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

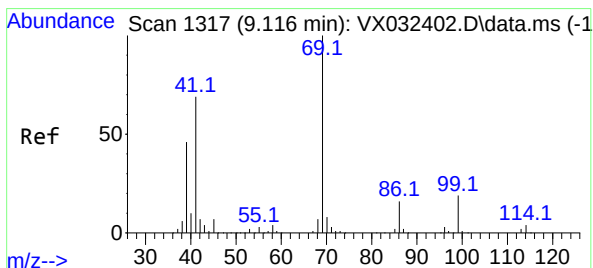
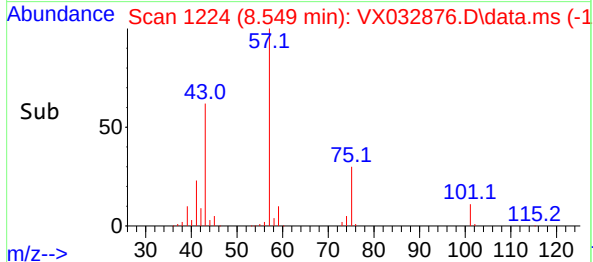
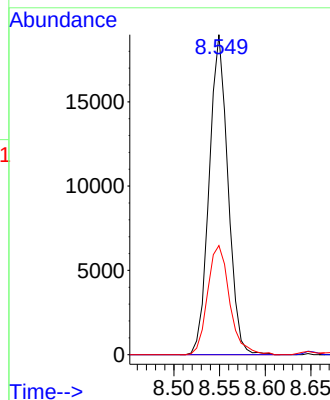
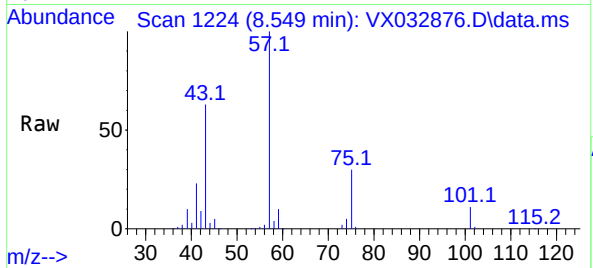




#54
cis-1,3-Dichloropropene
Concen: 14.160 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

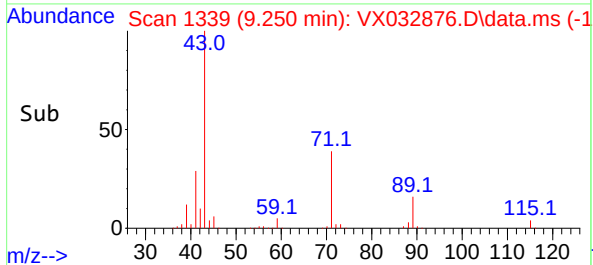
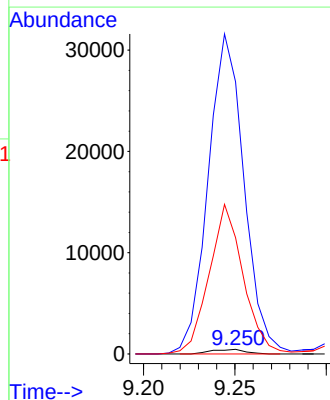
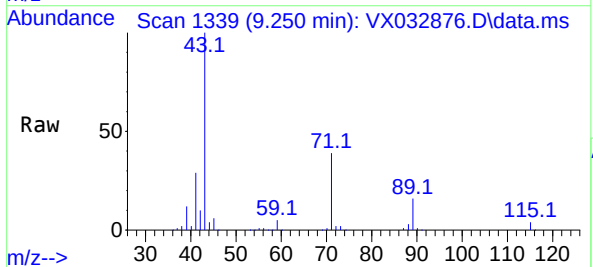
Instrument :
MSVOA_X
ClientSampleId :

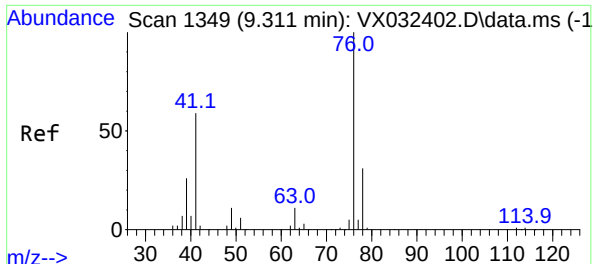
Tgt Ion: 75 Resp: 27111
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#
39 34.1 45.5 68.3#



#56
Ethyl methacrylate
Concen: 0.312 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.134 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Tgt Ion: 69 Resp: 580
Ion Ratio Lower Upper
69 100
41 7446.7 54.3 81.5#
39 3311.9 35.2 52.8#

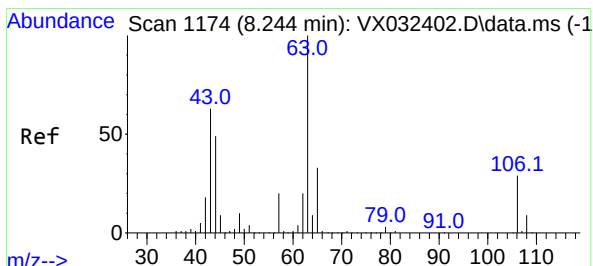
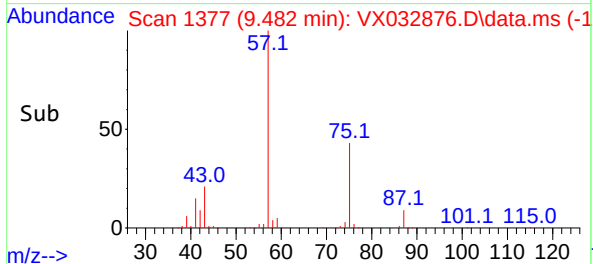
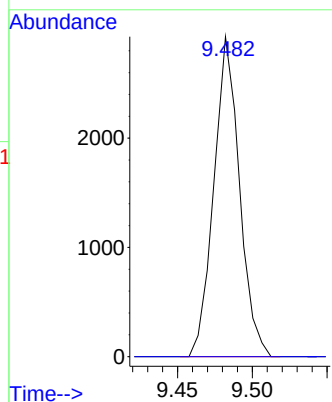
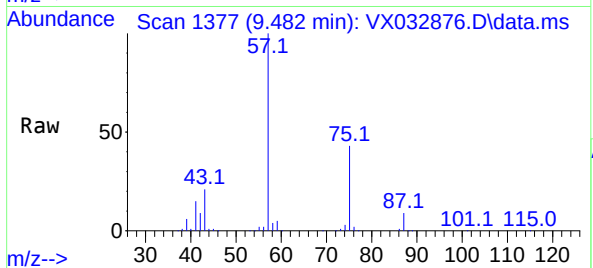




#57
1,3-Dichloropropane
Concen: 1.674 ug/l
RT: 9.482 min Scan# 1177
Delta R.T. 0.171 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

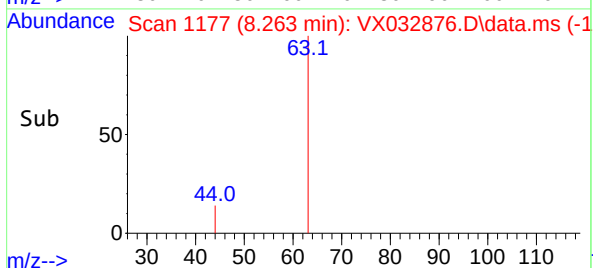
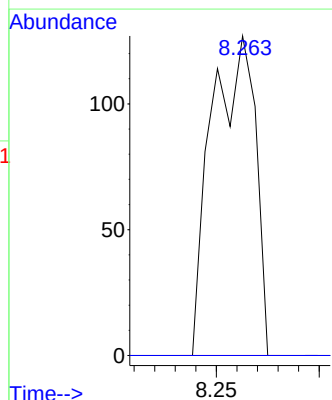
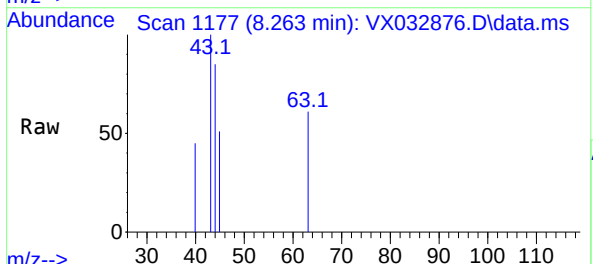
Instrument :
MSVOA_X
ClientSampleId :

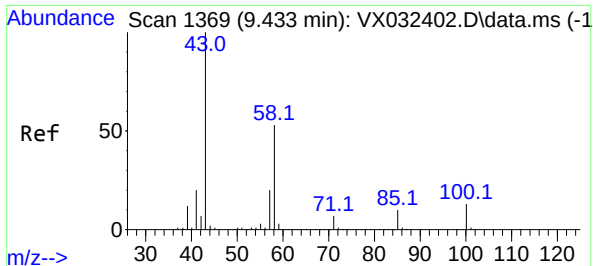
Tgt Ion: 76 Resp: 3492
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#58
2-Chloroethyl Vinyl ether
Concen: 0.209 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.018 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Tgt Ion: 63 Resp: 187
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#





#59

2-Hexanone

Concen: 41.203 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX032876.D

Acq: 16 Nov 2022 18:20

Instrument :

MSVOA_X

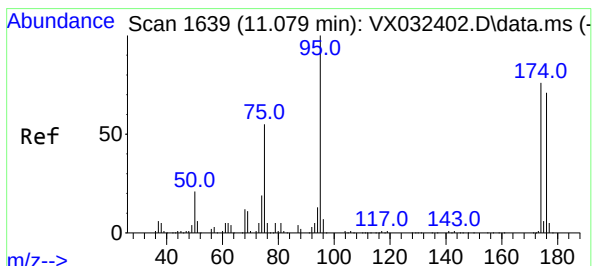
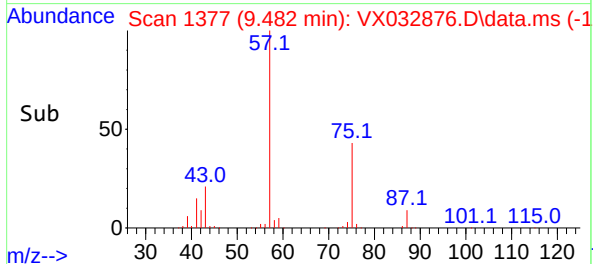
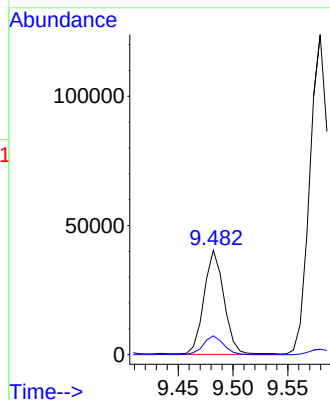
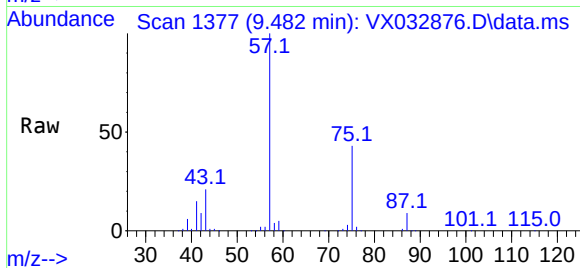
ClientSampleId :

Tgt Ion: 43 Resp: 51142

Ion Ratio Lower Upper

43 100

58 18.3 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 50.337 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032876.D

Acq: 16 Nov 2022 18:20

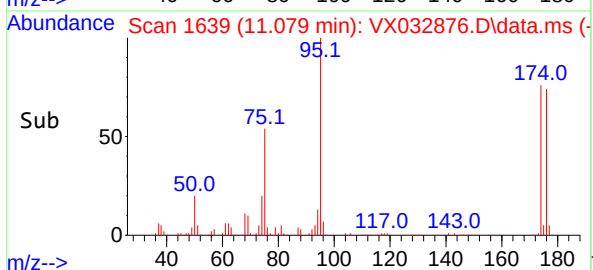
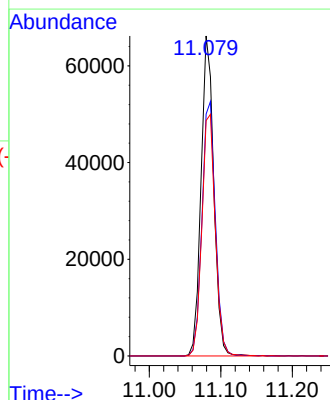
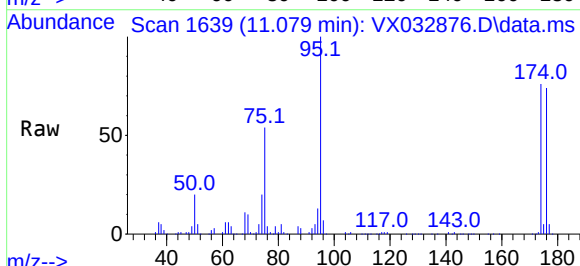
Tgt Ion: 95 Resp: 81585

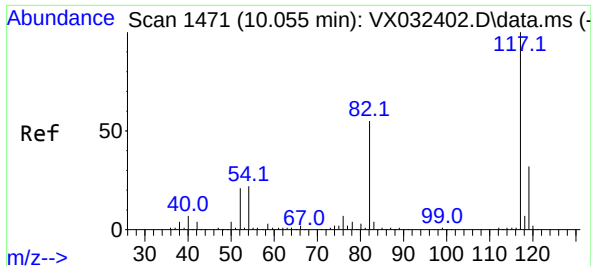
Ion Ratio Lower Upper

95 100

174 83.9 0.0 164.0

176 79.9 0.0 154.4

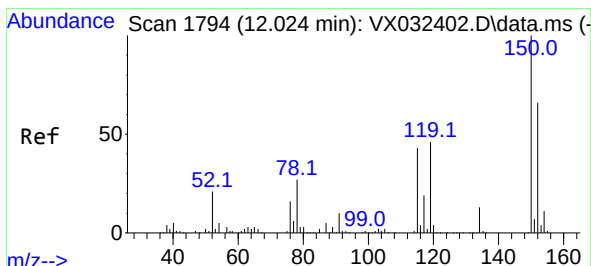
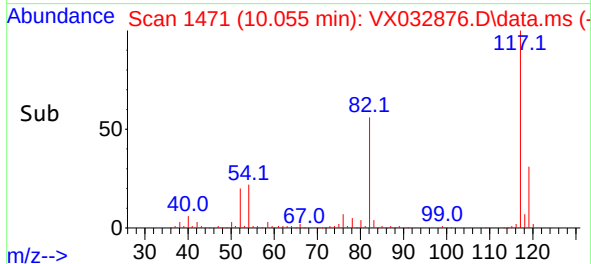
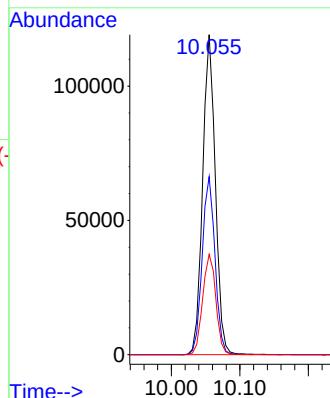
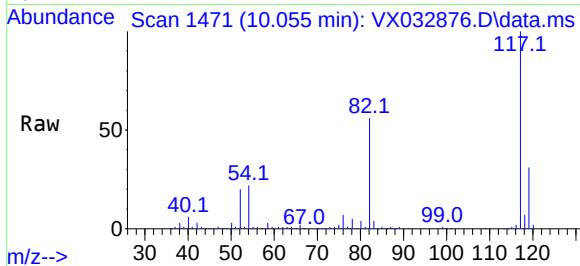




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

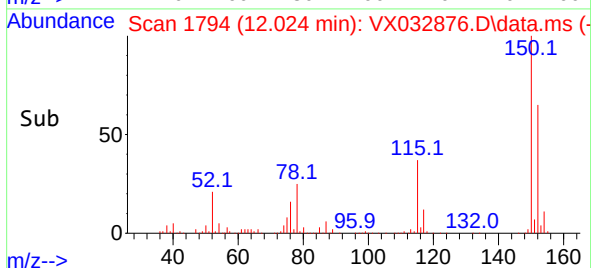
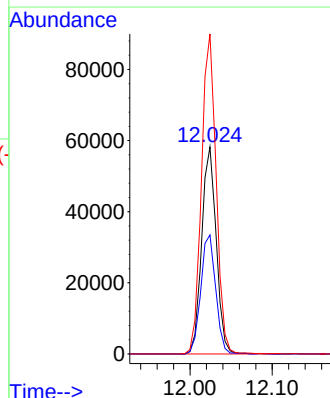
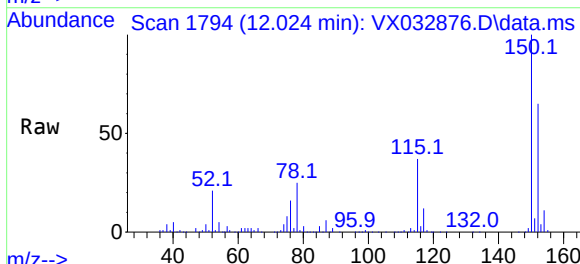
Instrument :
MSVOA_X
ClientSampleId :

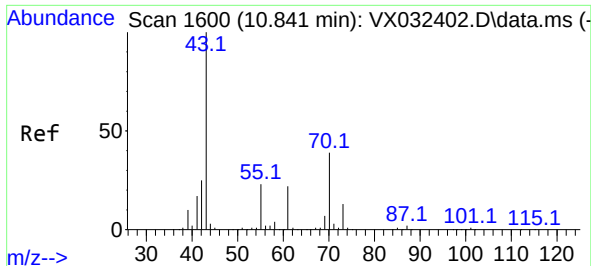
Tgt Ion:117 Resp: 153689
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

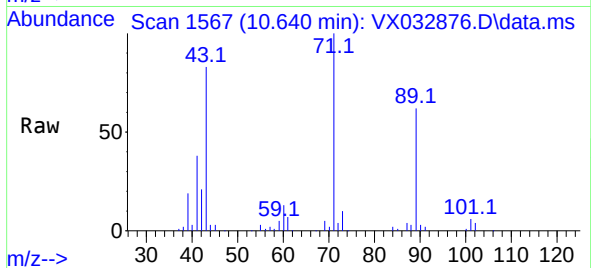
Tgt Ion:152 Resp: 71460
Ion Ratio Lower Upper
152 100
115 59.0 44.0 132.0
150 156.2 0.0 351.8



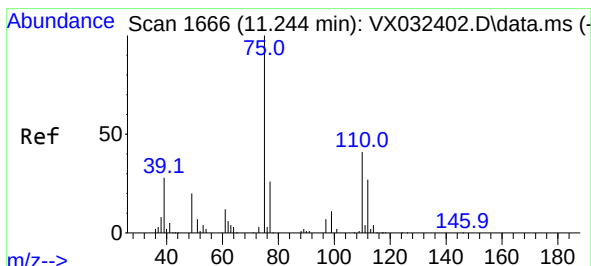
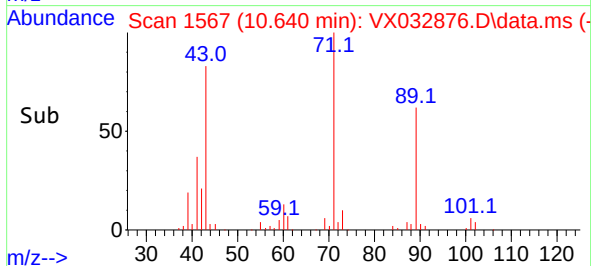
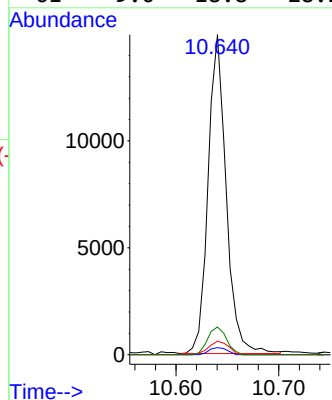


#74
N-amy1 acetate
Concen: 8.545 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

Instrument :
MSVOA_X
ClientSampleId :

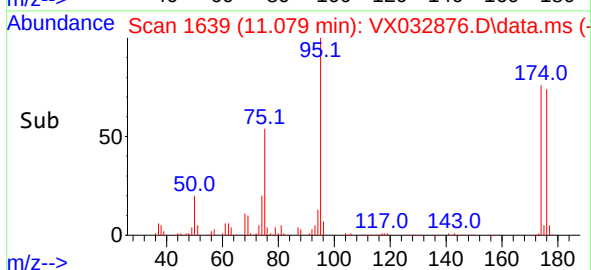
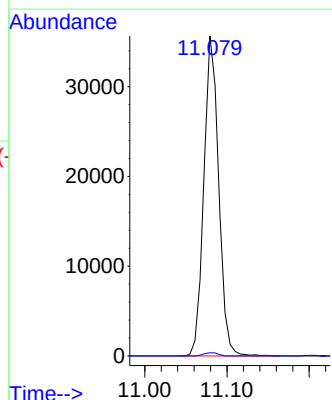
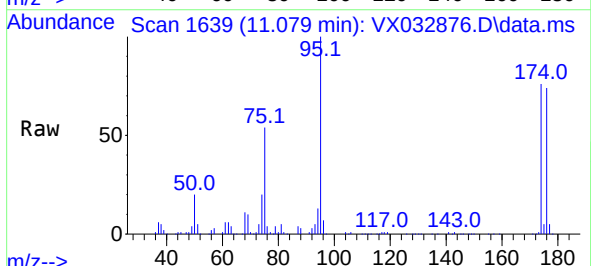


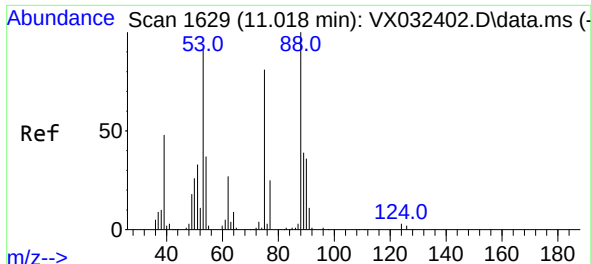
Tgt Ion:	43	Resp:	18283
Ion	Ratio	Lower	Upper
43	100		
70	2.2	33.6	50.4#
55	4.6	19.4	29.2#
61	9.0	18.8	28.2#



#76
1,2,3-Trichloropropane
Concen: 28.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

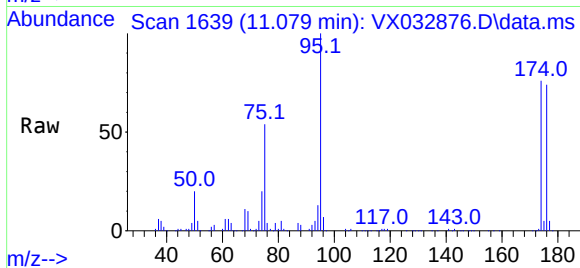
Tgt Ion:	75	Resp:	44635
Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.0	60.0#



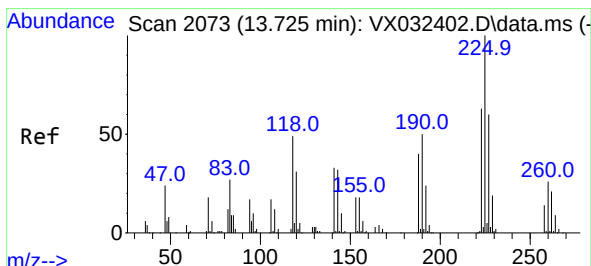
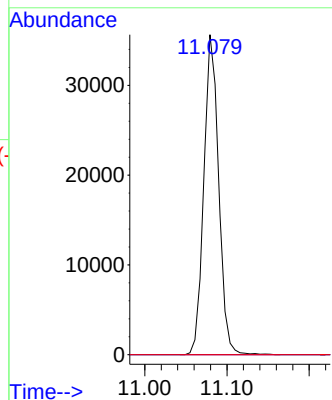
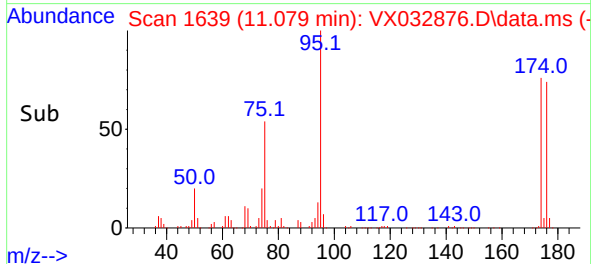


#81
trans-1,4-Dichloro-2-butene
Concen: 89.337 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20

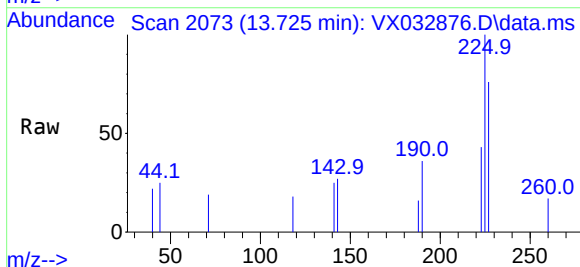
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 44635
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.512 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032876.D
Acq: 16 Nov 2022 18:20



Tgt Ion: 225 Resp: 360
Ion Ratio Lower Upper
225 100
223 38.6 31.9 95.9
227 73.6 31.9 95.5

