

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034617.D
 Acq On : 18 Mar 2023 07:15
 Operator : JC/MD
 Sample : 01964-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MAPLE-6

Quant Time: Mar 20 09:00:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

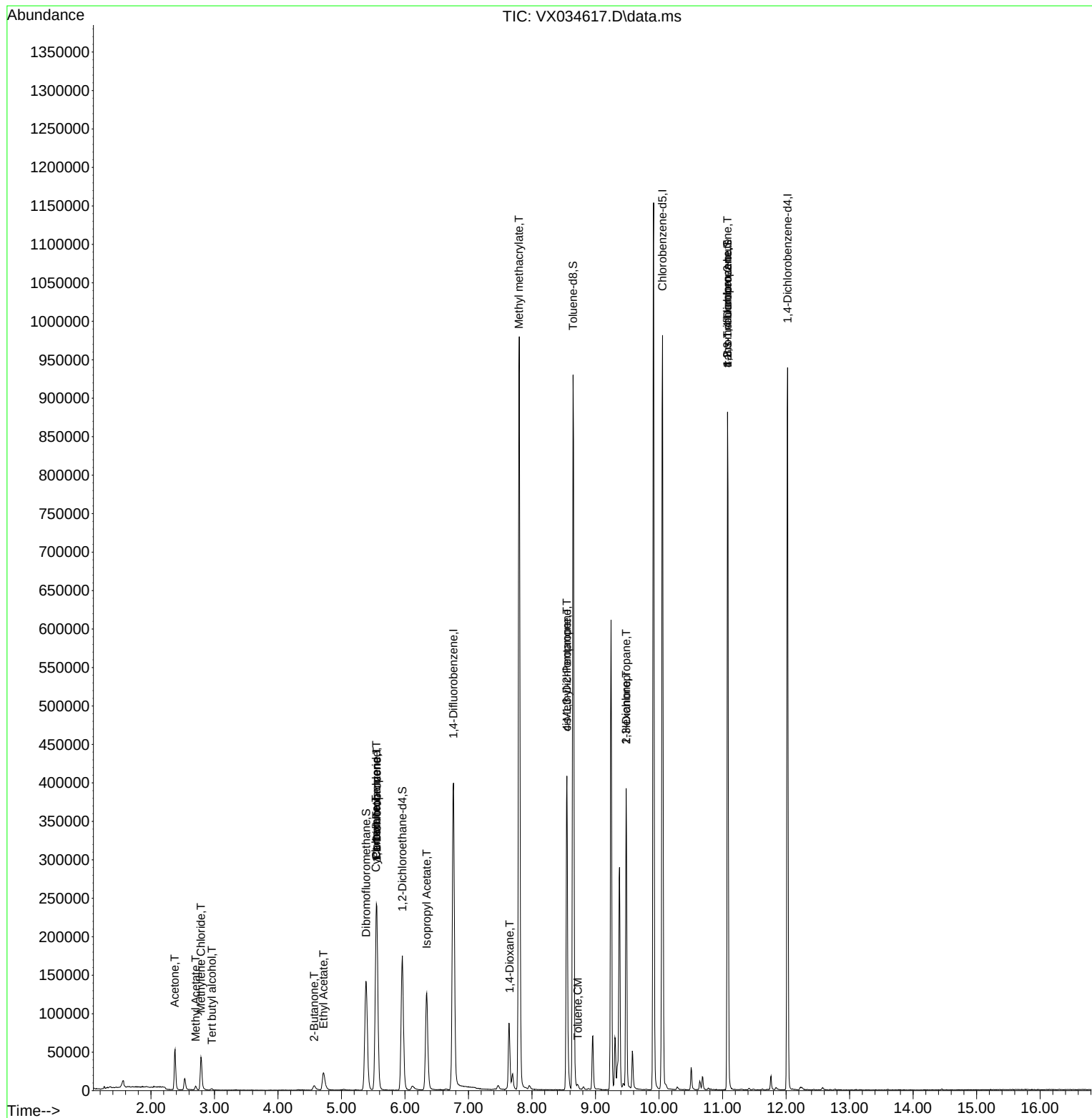
Internal Standards						
1) Pentafluorobenzene	5.550	168	228099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160065	48.236	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.480%		
35) Dibromofluoromethane	5.385	113	122920	47.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	8.647	98	520242	53.763	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	107.520%		
62) 4-Bromofluorobenzene	11.079	95	238094	60.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	121.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	237	Below Cal	#	73
11) Tert butyl alcohol	2.959	59	1751	2.534	ug/l #	91
16) Acetone	2.373	43	54516	34.876	ug/l	95
18) Methyl Acetate	2.703	43	5931	1.161	ug/l	99
20) Methylene Chloride	2.788	84	19643	6.475	ug/l	95
25) 2-Butanone	4.568	43	11936	5.337	ug/l	91
31) Cyclohexane	5.544	56	5099	1.096	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18853	4.735	ug/l #	50
37) Ethyl Acetate	4.714	43	42108	9.681	ug/l	99
38) Carbon Tetrachloride	5.550	117	23328	5.890	ug/l #	16
43) Isopropyl Acetate	6.342	43	176628	23.971	ug/l	99
48) Methyl methacrylate	7.793	41	88513	24.977	ug/l #	47
49) 1,4-Dioxane	7.647	88	77	1.034	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	152482	35.673	ug/l #	50
52) Toluene	8.720	92	1526	0.212	ug/l	99
54) cis-1,3-Dichloropropene	8.549	75	62915	12.900	ug/l #	64
57) 1,3-Dichloropropane	9.482	76	3336	0.656	ug/l #	42
59) 2-Hexanone	9.482	43	51017	15.440	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	127078	29.910	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	127078	80.915	ug/l #	8

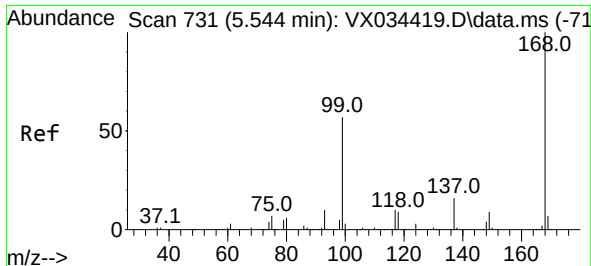
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

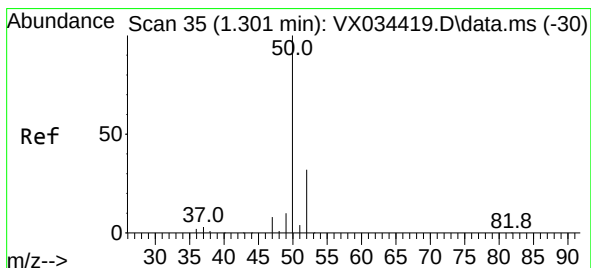
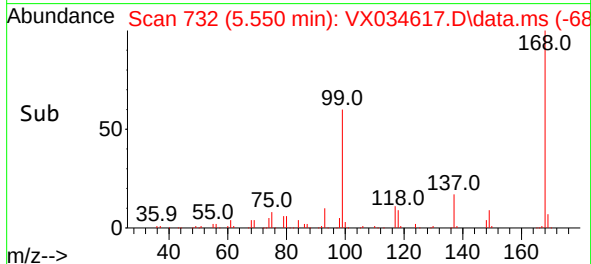
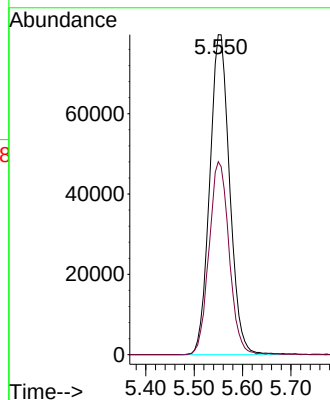
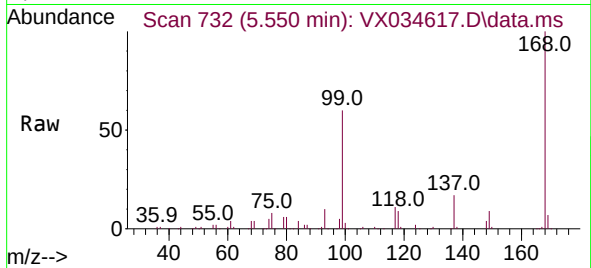




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

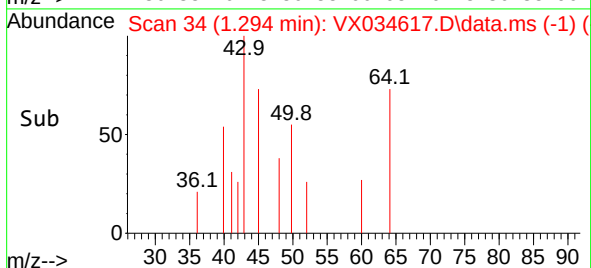
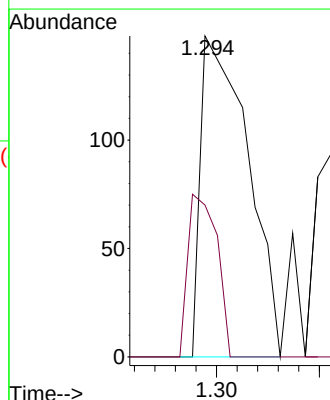
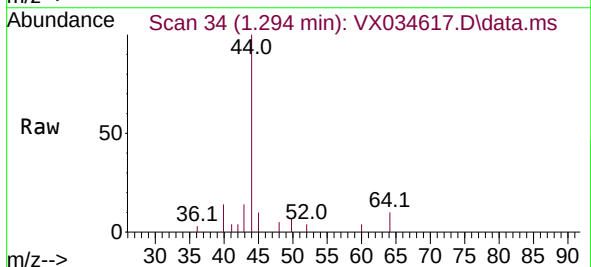
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-6

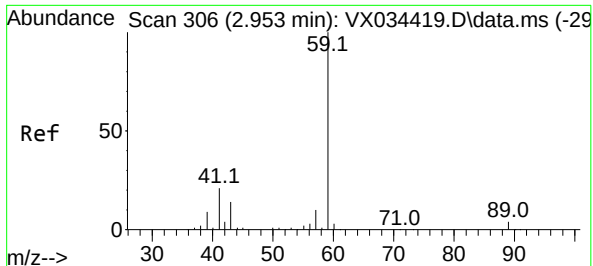
Tgt Ion:168 Resp: 228099
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

Tgt Ion: 50 Resp: 237
Ion Ratio Lower Upper
50 100
52 47.3 25.9 38.9

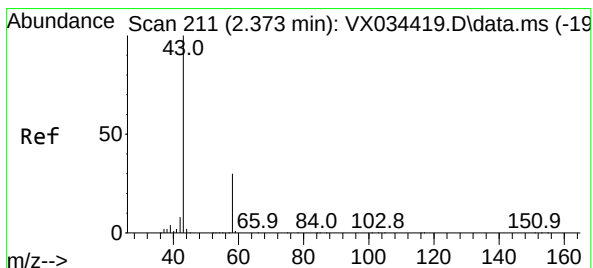
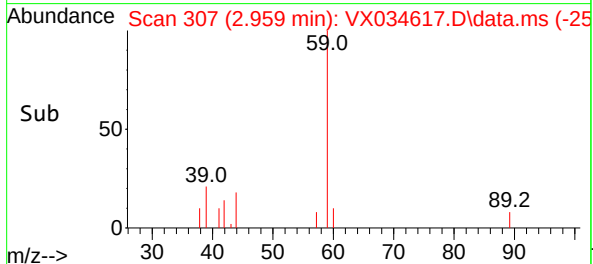
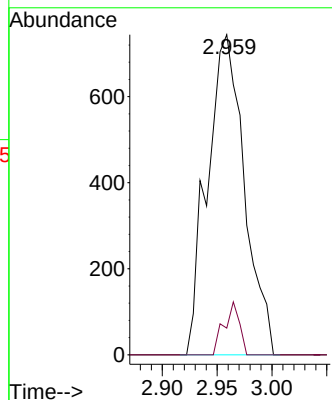
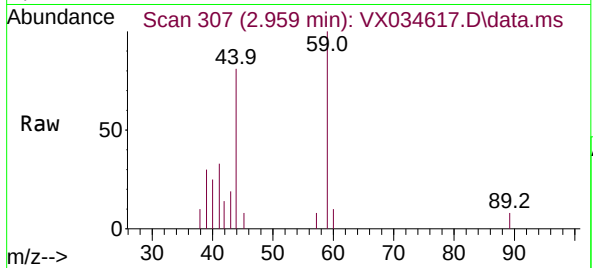




#11
Tert butyl alcohol
Concen: 2.534 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

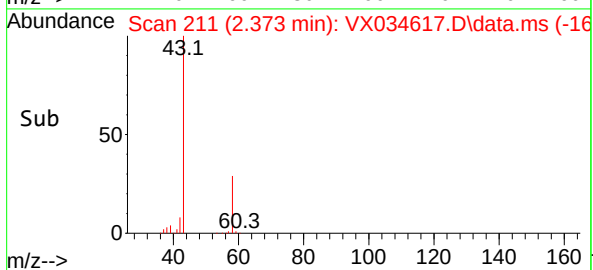
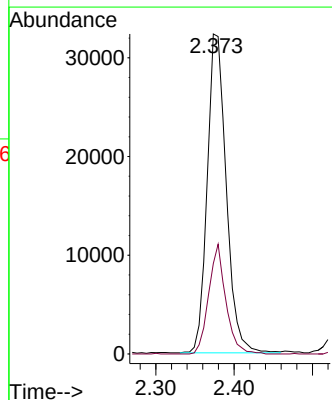
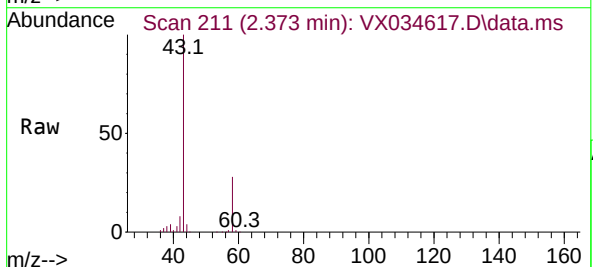
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-6

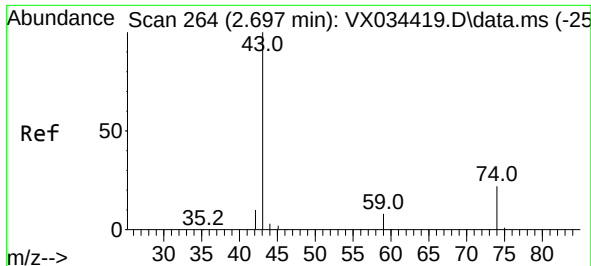
Tgt Ion: 59 Resp: 1751
Ion Ratio Lower Upper
59 100
57 6.9 8.1 12.1#



#16
Acetone
Concen: 34.876 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

Tgt Ion: 43 Resp: 54516
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1

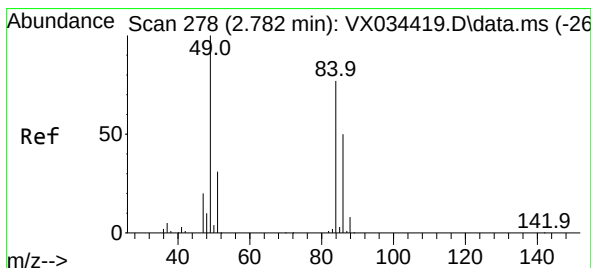
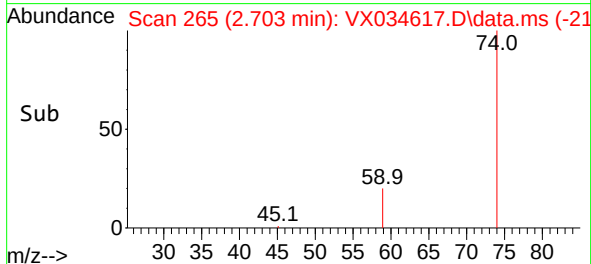
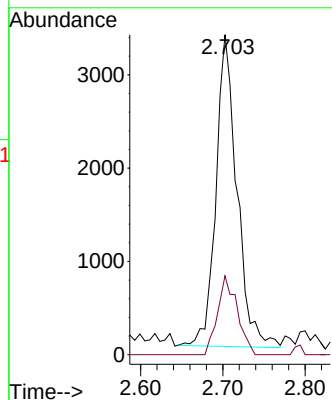
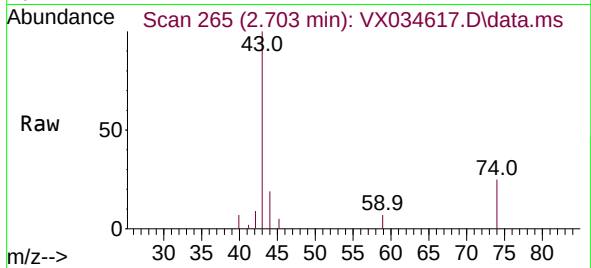




#18
Methyl Acetate
Concen: 1.161 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

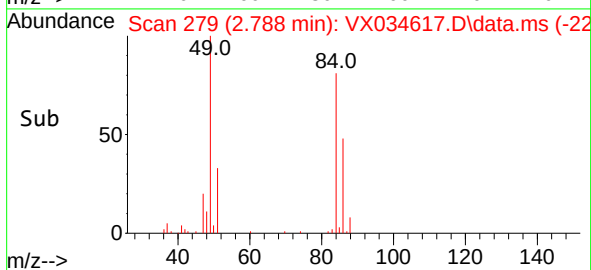
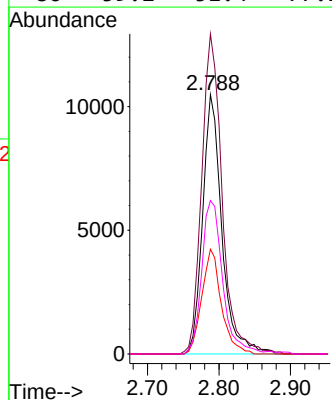
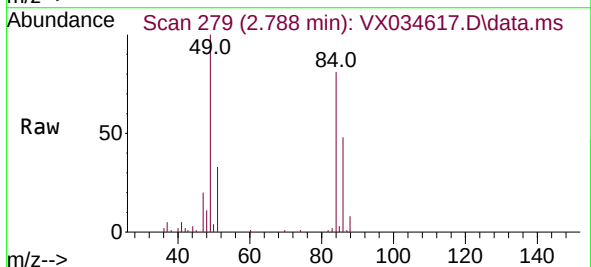
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-6

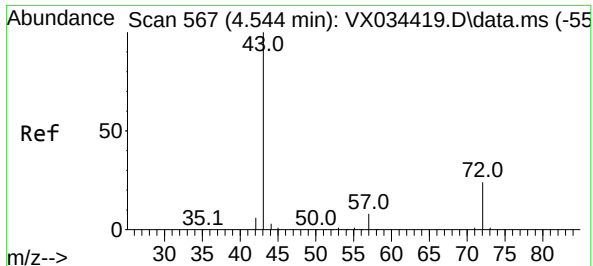
Tgt Ion: 43 Resp: 5931
Ion Ratio Lower Upper
43 100
74 23.6 18.3 27.5



#20
Methylene Chloride
Concen: 6.475 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

Tgt Ion: 84 Resp: 19643
Ion Ratio Lower Upper
84 100
49 123.4 103.8 155.8
51 40.4 31.8 47.8
86 59.2 51.4 77.2

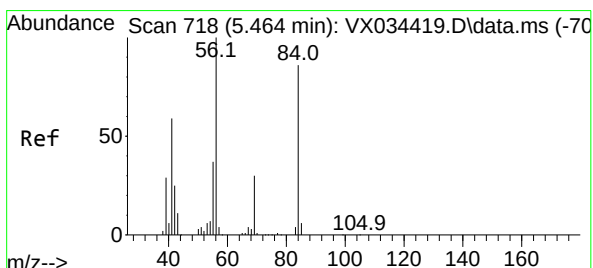
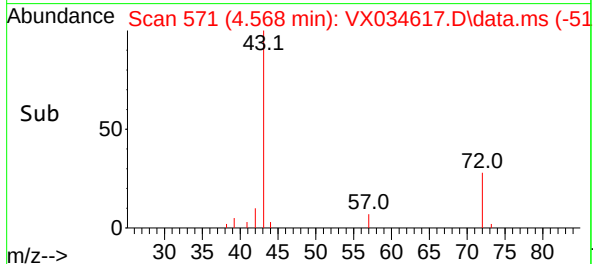
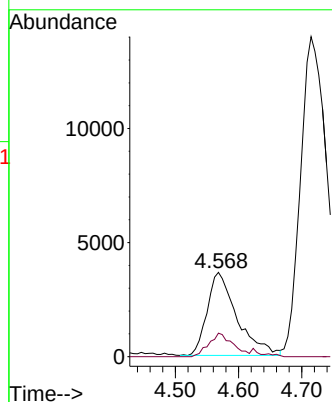
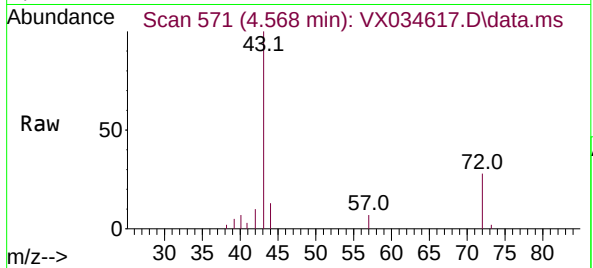




#25
2-Butanone
Concen: 5.337 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

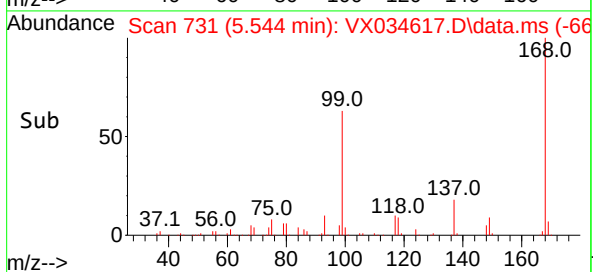
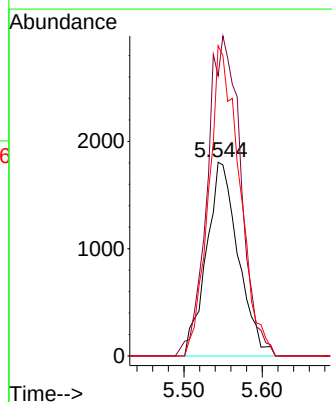
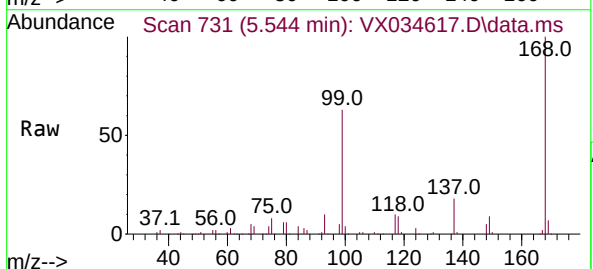
Instrument :
MSVOA_X
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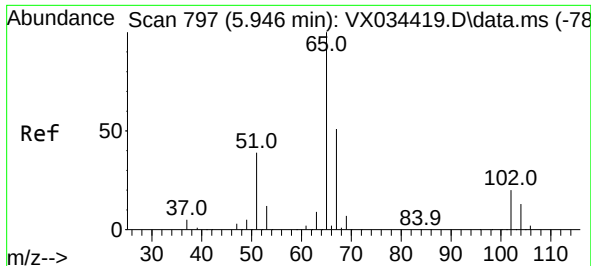
Tgt Ion: 43 Resp: 11936
Ion Ratio Lower Upper
43 100
72 28.4 19.3 28.9



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

Tgt Ion: 56 Resp: 5099
Ion Ratio Lower Upper
56 100
69 144.5 23.7 35.5#
84 160.1 68.5 102.7#

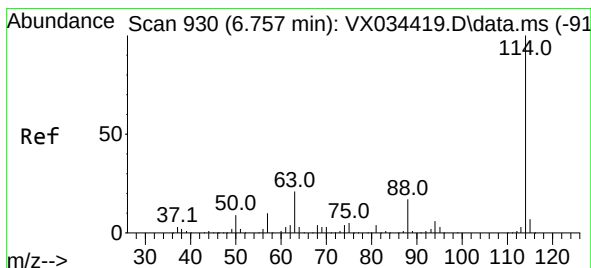
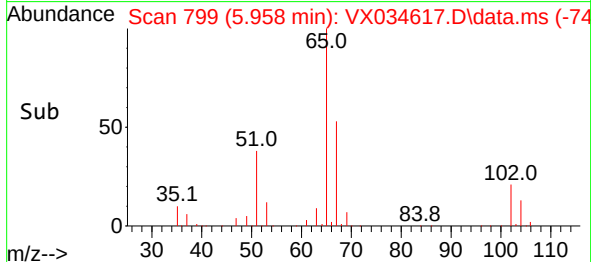
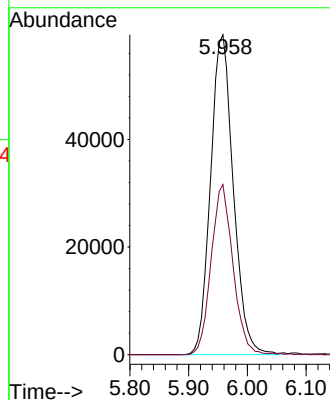
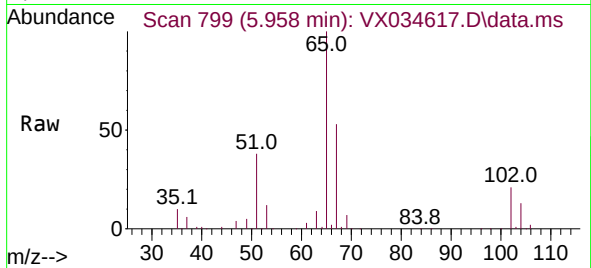




#33
 1,2-Dichloroethane-d4
 Concen: 48.236 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.012 min
 Lab File: VX034617.D
 Acq: 18 Mar 2023 07:15

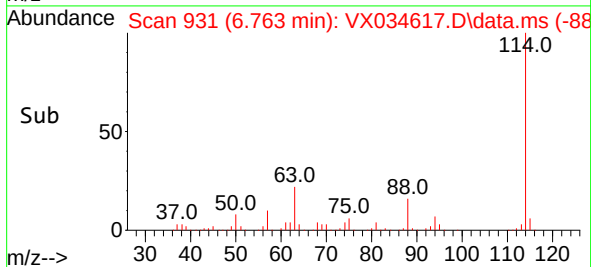
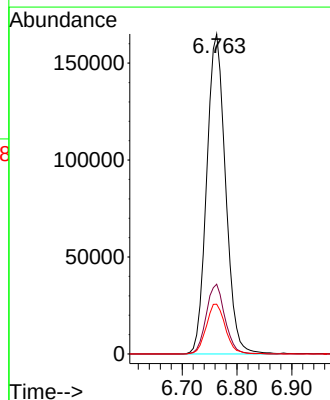
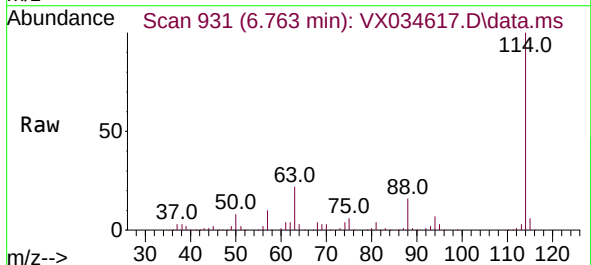
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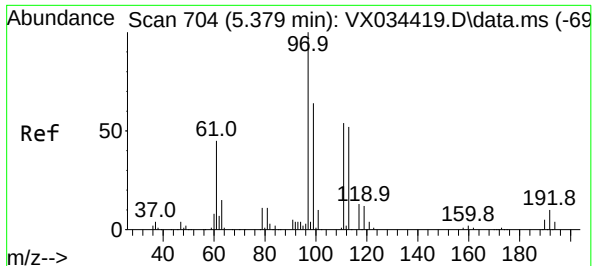
Tgt Ion: 65 Resp: 160065
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034617.D
 Acq: 18 Mar 2023 07:15

Tgt Ion: 114 Resp: 392600
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.2
 88 15.5 0.0 33.2

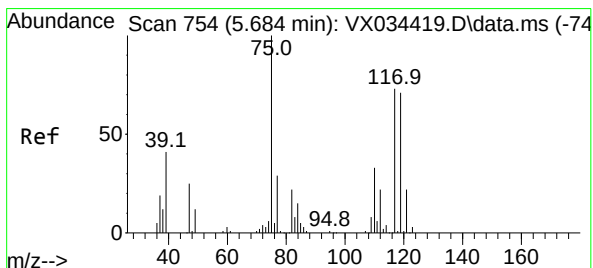
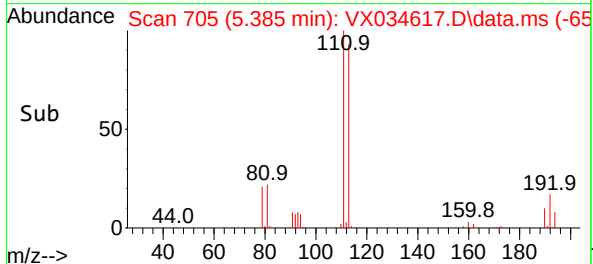
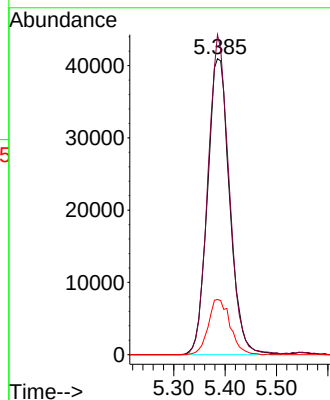
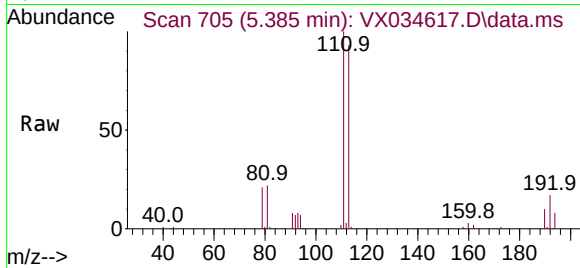




#35
Dibromofluoromethane
Concen: 47.420 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

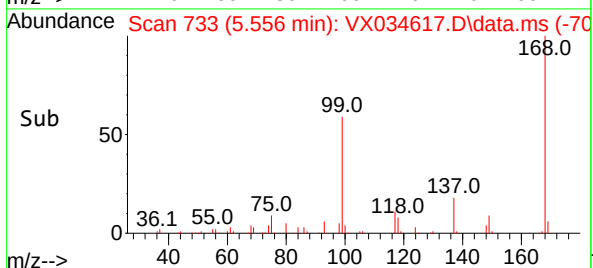
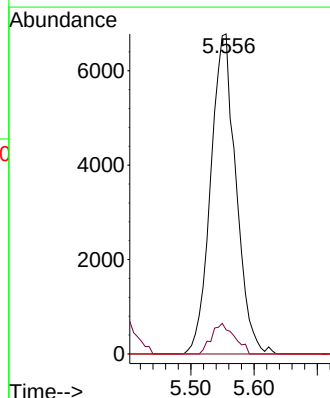
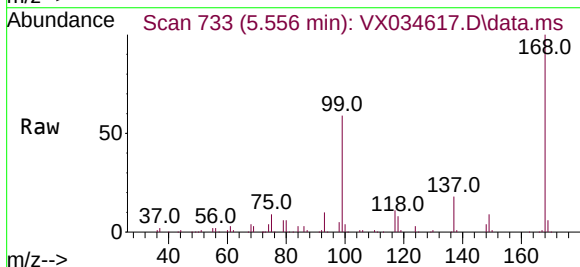
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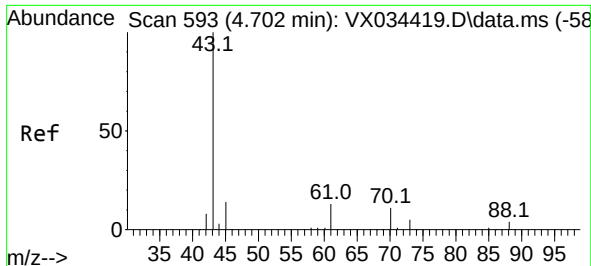
Tgt Ion:113 Resp: 122920
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.735 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

Tgt Ion: 75 Resp: 18853
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.3 36.5#

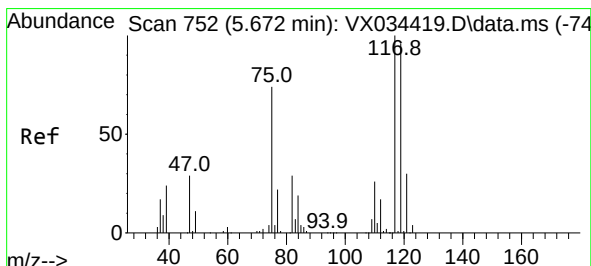
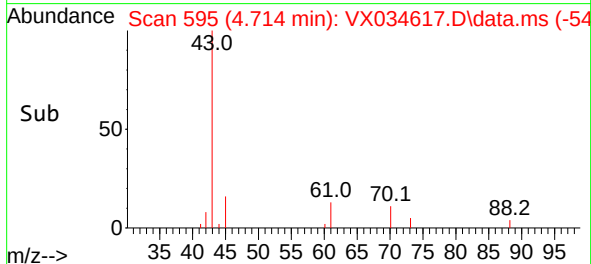
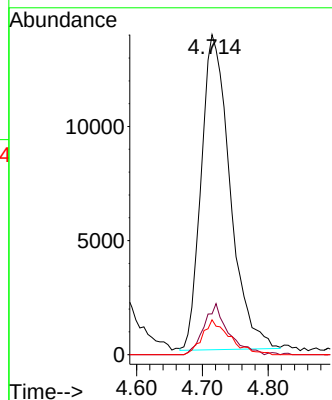
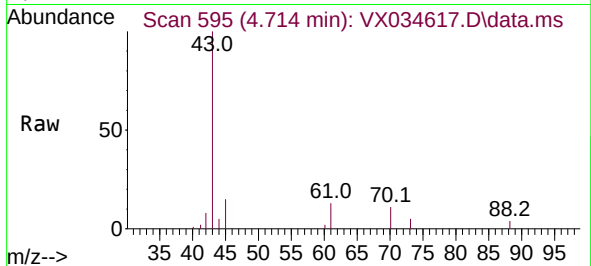




#37
Ethyl Acetate
Concen: 9.681 ug/l
RT: 4.714 min Scan# 593
Delta R.T. 0.012 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

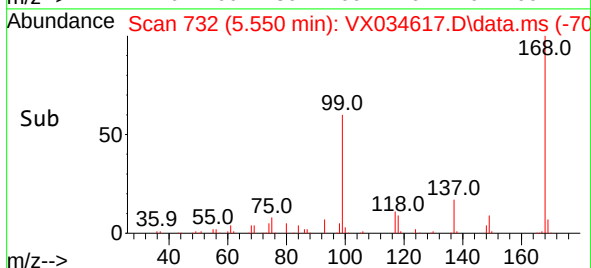
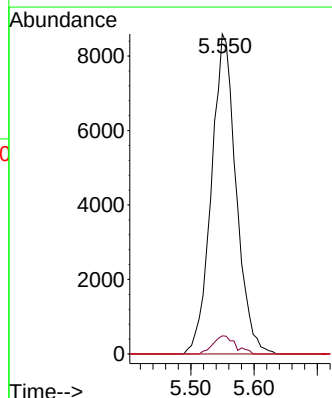
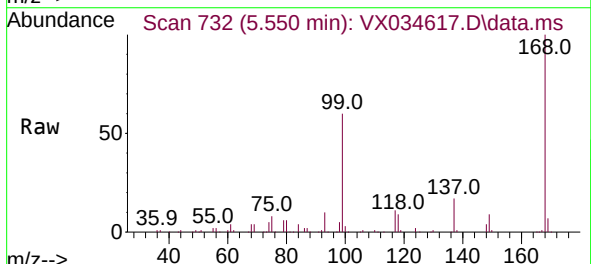
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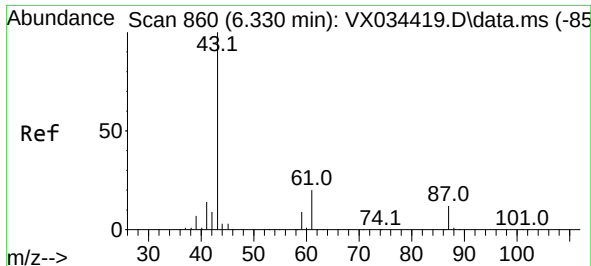
Tgt Ion:	43	Resp:	42108
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	10.5	8.2	12.4



#38
Carbon Tetrachloride
Concen: 5.890 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

Tgt Ion:	117	Resp:	23328
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.6	114.8#
121	0.0	23.8	35.6#

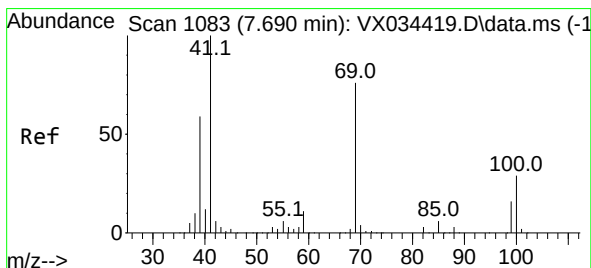
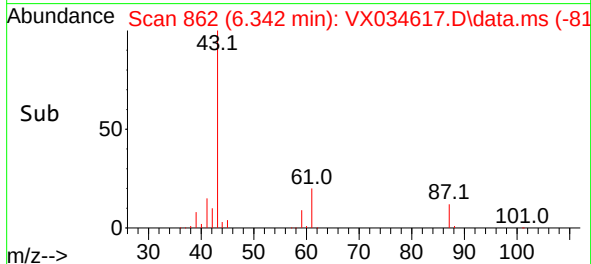
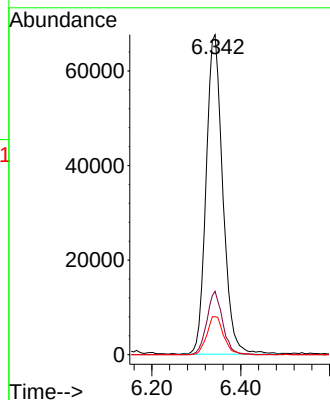
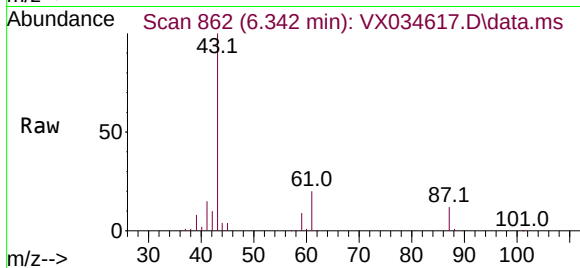




#43
Isopropyl Acetate
Concen: 23.971 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

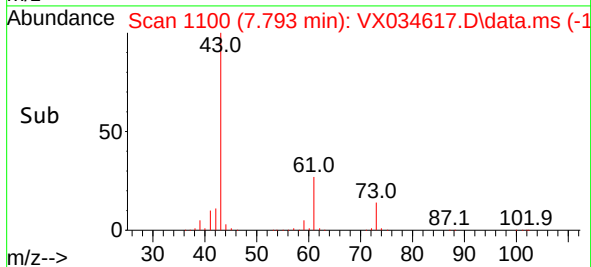
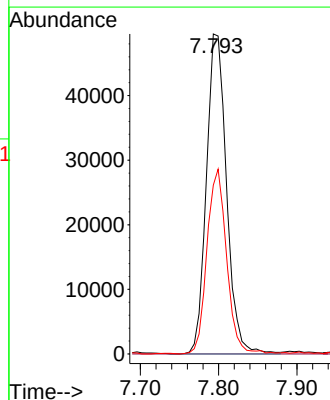
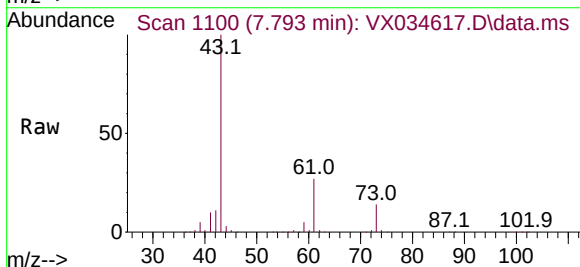
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-6

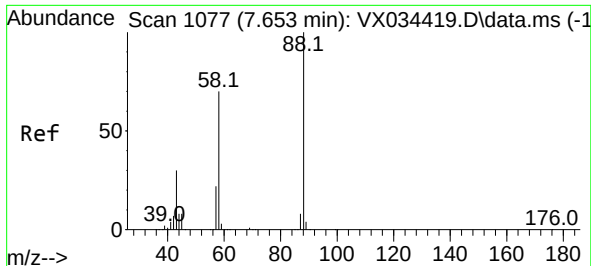
Tgt Ion: 43 Resp: 176628
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.0 9.8 14.8



#48
Methyl methacrylate
Concen: 24.977 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

Tgt Ion: 41 Resp: 88513
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 56.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1.034 ug/l

RT: 7.647 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX034617.D

Acq: 18 Mar 2023 07:15

Instrument :

MSVOA_X

ClientSampleId :

MAPLE-6

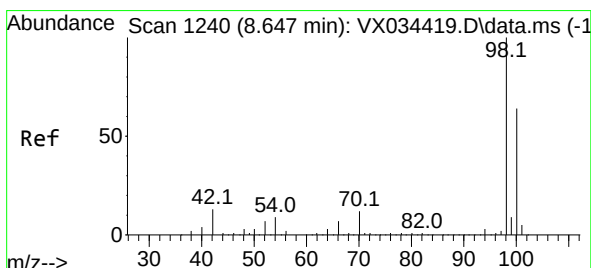
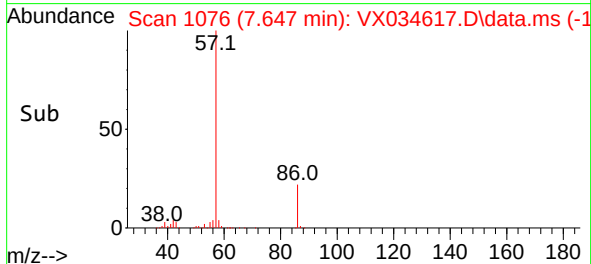
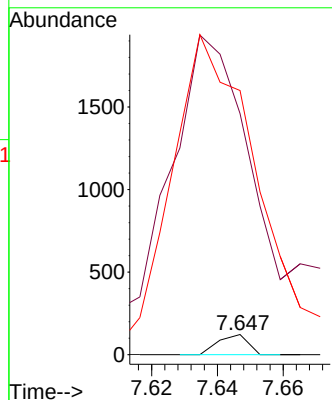
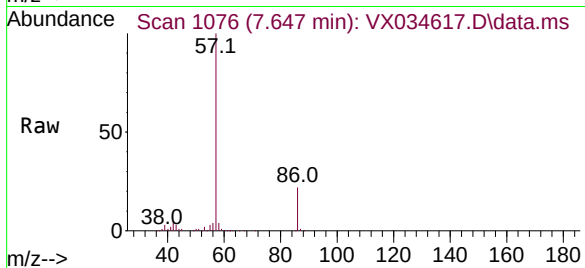
Tgt Ion: 88 Resp: 77

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 4592.2 56.8 85.2#



#50

Toluene-d8

Concen: 53.763 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034617.D

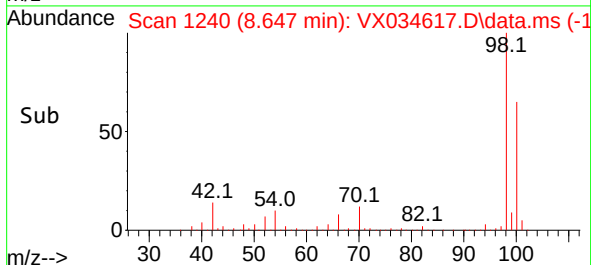
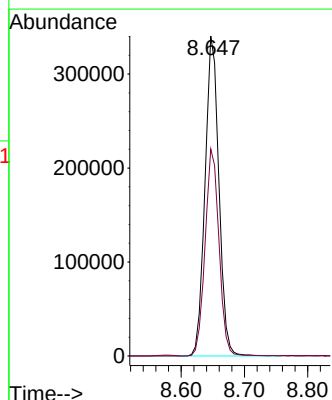
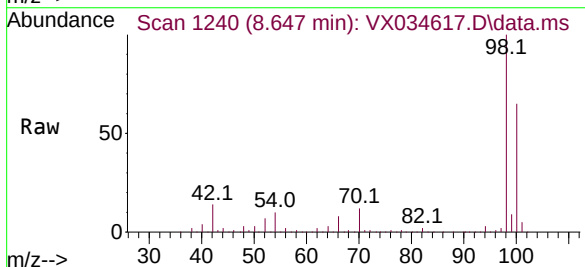
Acq: 18 Mar 2023 07:15

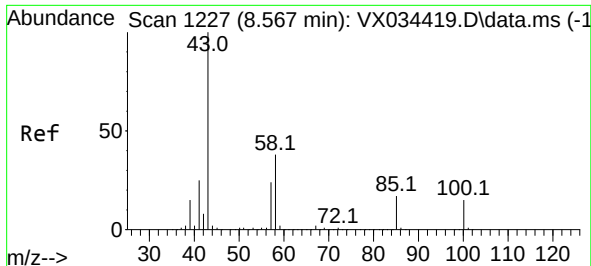
Tgt Ion: 98 Resp: 520242

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7

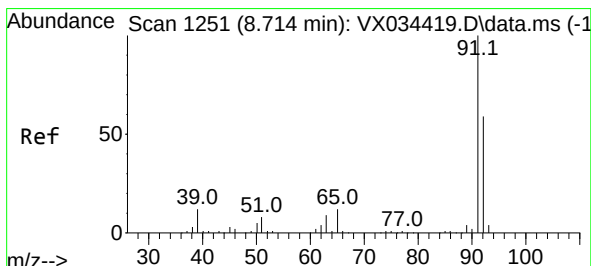
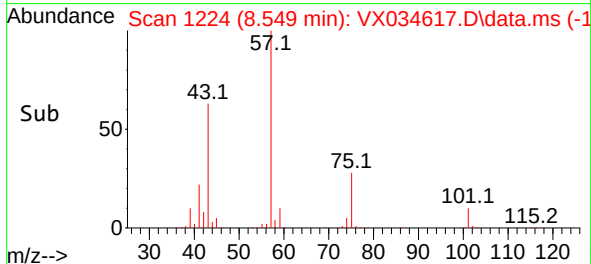
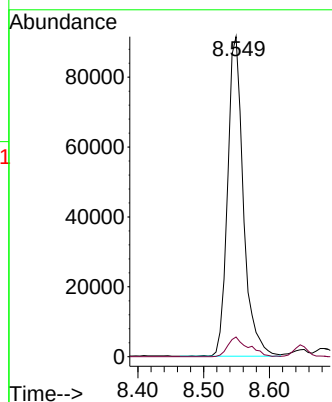
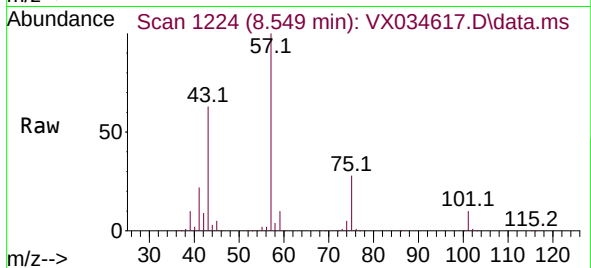




#51
4-Methyl-2-Pentanone
Concen: 35.673 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

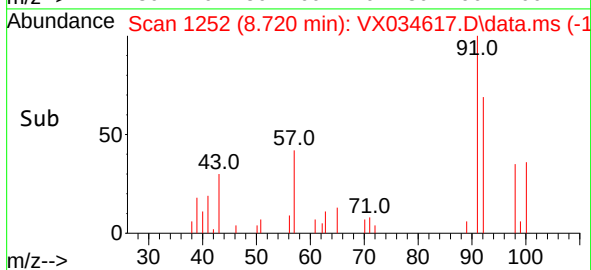
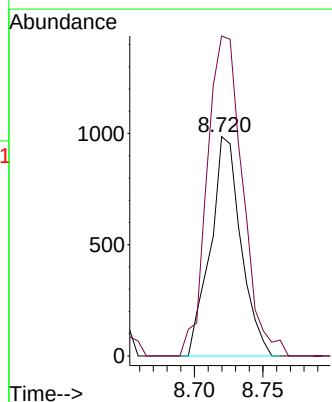
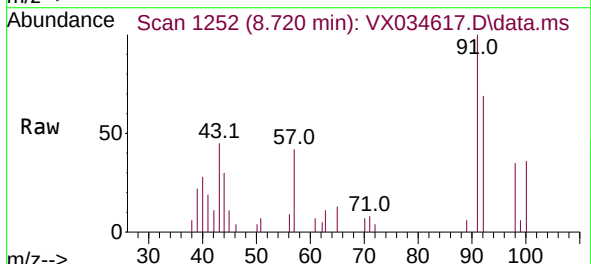
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-6

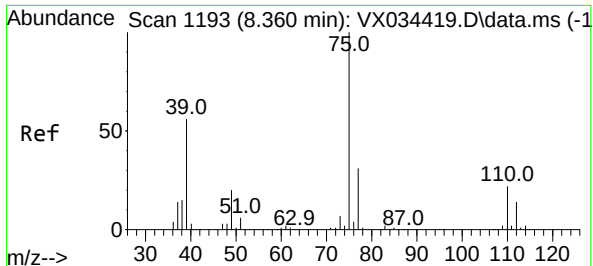
Tgt Ion: 43 Resp: 152482
Ion Ratio Lower Upper
43 100
58 8.1 30.6 46.0#



#52
Toluene
Concen: 0.212 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

Tgt Ion: 92 Resp: 1526
Ion Ratio Lower Upper
92 100
91 169.7 136.8 205.2

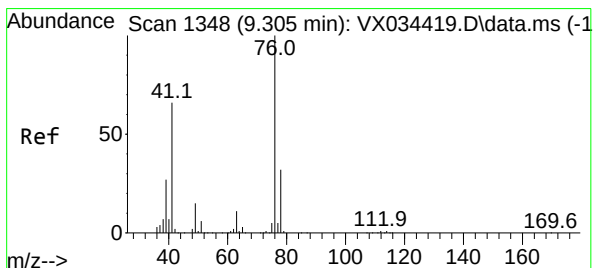
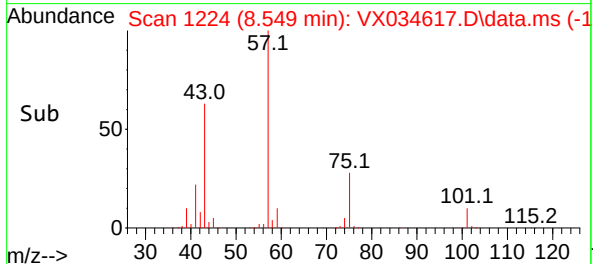
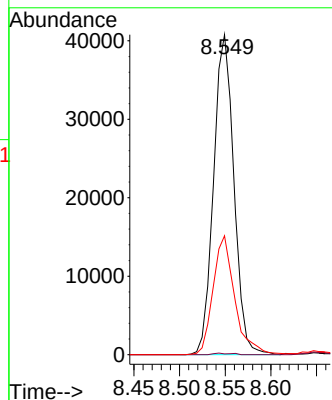
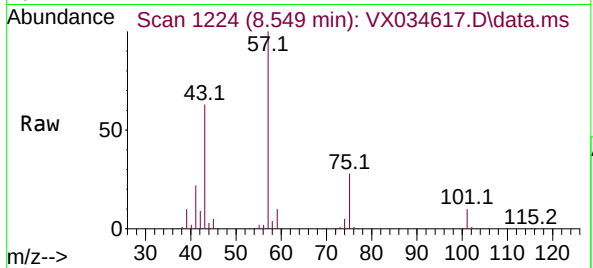




#54
 cis-1,3-Dichloropropene
 Concen: 12.900 ug/l
 RT: 8.549 min Scan# 1193
 Delta R.T. 0.189 min
 Lab File: VX034617.D
 Acq: 18 Mar 2023 07:15

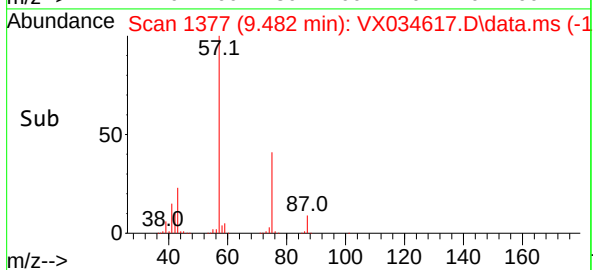
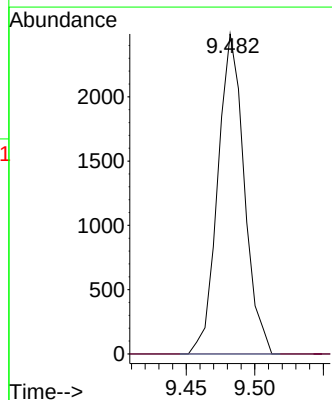
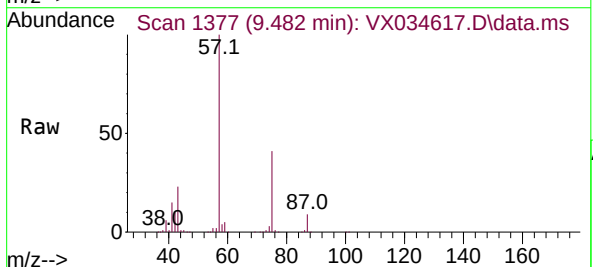
Instrument :
 MSVOA_X
 ClientSampleId :
 MAPLE-6

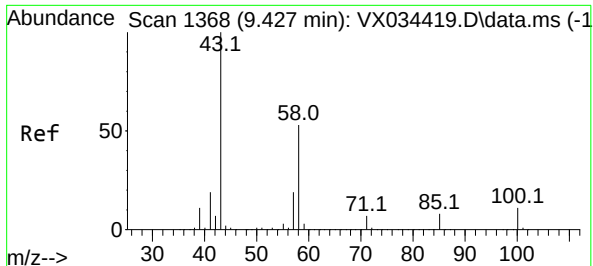
Tgt Ion: 75 Resp: 62915
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.0 37.4#
 39 37.2 44.6 66.8#



#57
 1,3-Dichloropropane
 Concen: 0.656 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX034617.D
 Acq: 18 Mar 2023 07:15

Tgt Ion: 76 Resp: 3336
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#





#59

2-Hexanone

Concen: 15.440 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX034617.D

Acq: 18 Mar 2023 07:15

Instrument :

MSVOA_X

ClientSampleId :

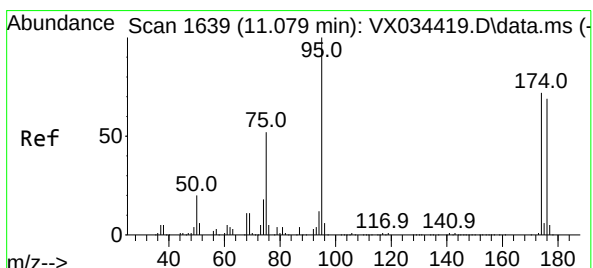
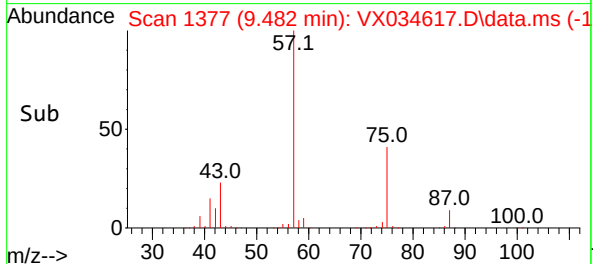
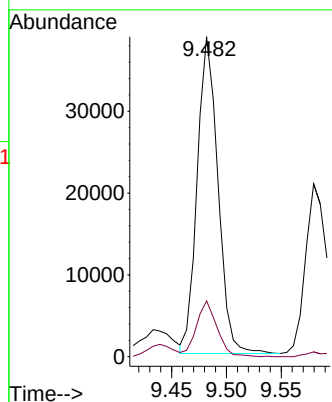
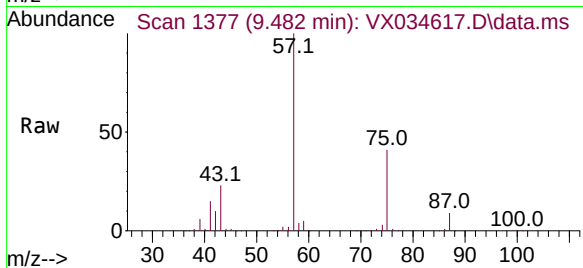
MAPLE-6

Tgt Ion: 43 Resp: 51017

Ion Ratio Lower Upper

43 100

58 17.5 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 60.915 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034617.D

Acq: 18 Mar 2023 07:15

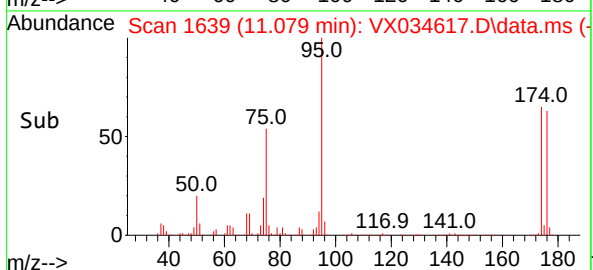
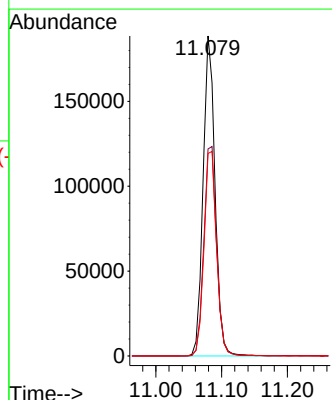
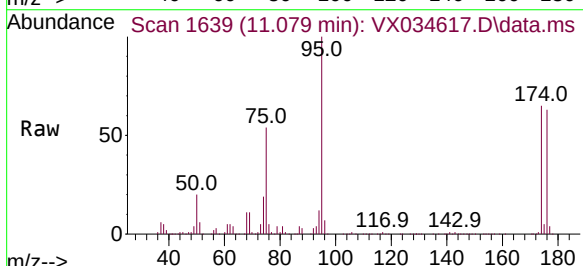
Tgt Ion: 95 Resp: 238094

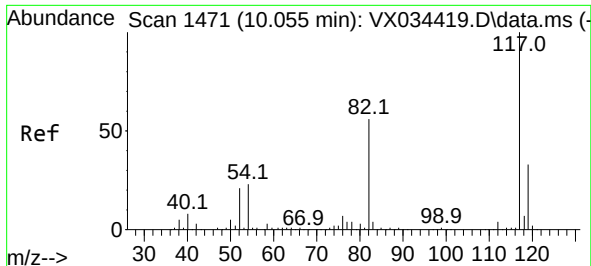
Ion Ratio Lower Upper

95 100

174 69.7 0.0 147.4

176 67.4 0.0 140.6

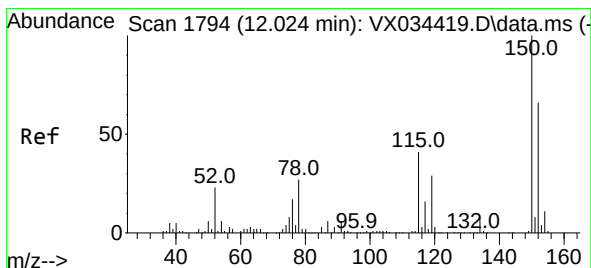
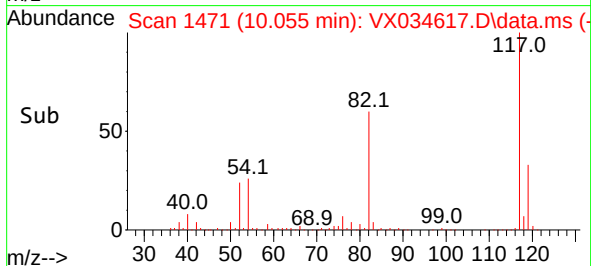
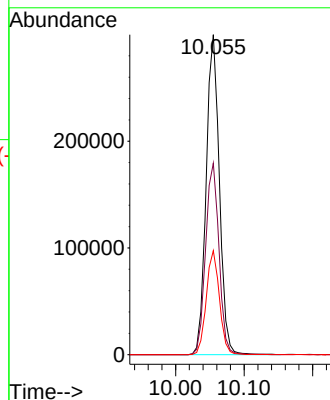
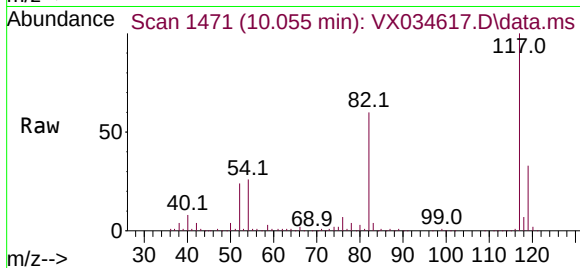




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

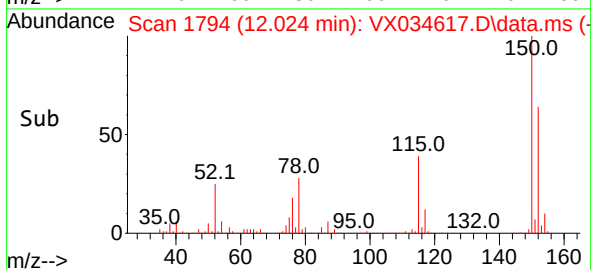
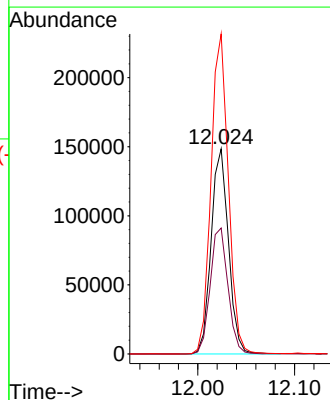
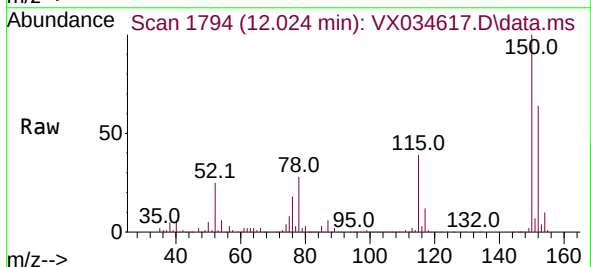
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-6

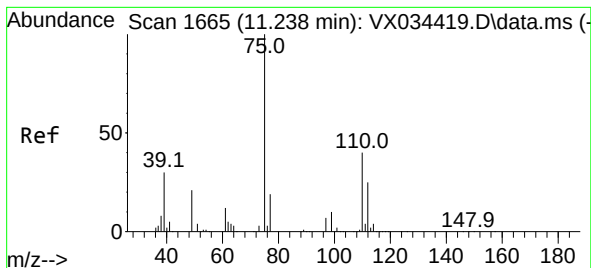
Tgt Ion:117 Resp: 401646
Ion Ratio Lower Upper
117 100
82 59.9 45.0 67.4
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034617.D
Acq: 18 Mar 2023 07:15

Tgt Ion:152 Resp: 185040
Ion Ratio Lower Upper
152 100
115 63.3 45.0 135.0
150 156.1 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 29.910 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034617.D

Acq: 18 Mar 2023 07:15

Instrument :

MSVOA_X

ClientSampleId :

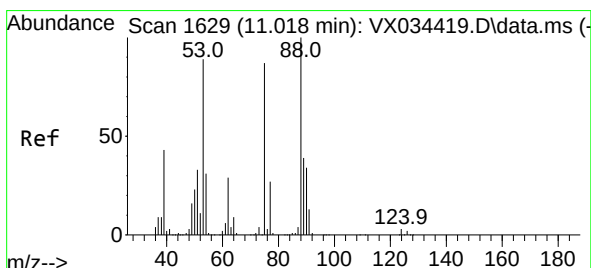
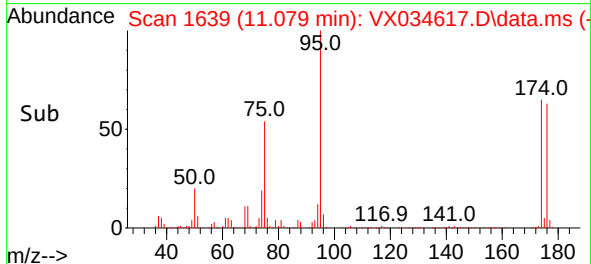
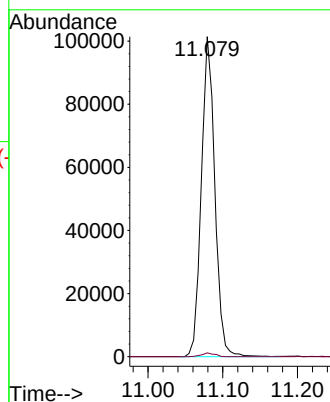
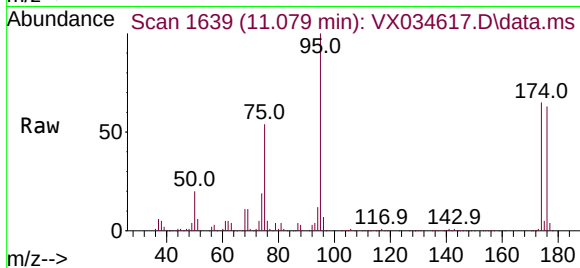
MAPLE-6

Tgt Ion: 75 Resp: 127078

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.915 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034617.D

Acq: 18 Mar 2023 07:15

Tgt Ion: 75 Resp: 127078

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

