

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034616.D
 Acq On : 18 Mar 2023 06:51
 Operator : JC/MD
 Sample : 01964-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MAPLE-5

Quant Time: Mar 20 09:00:21 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)

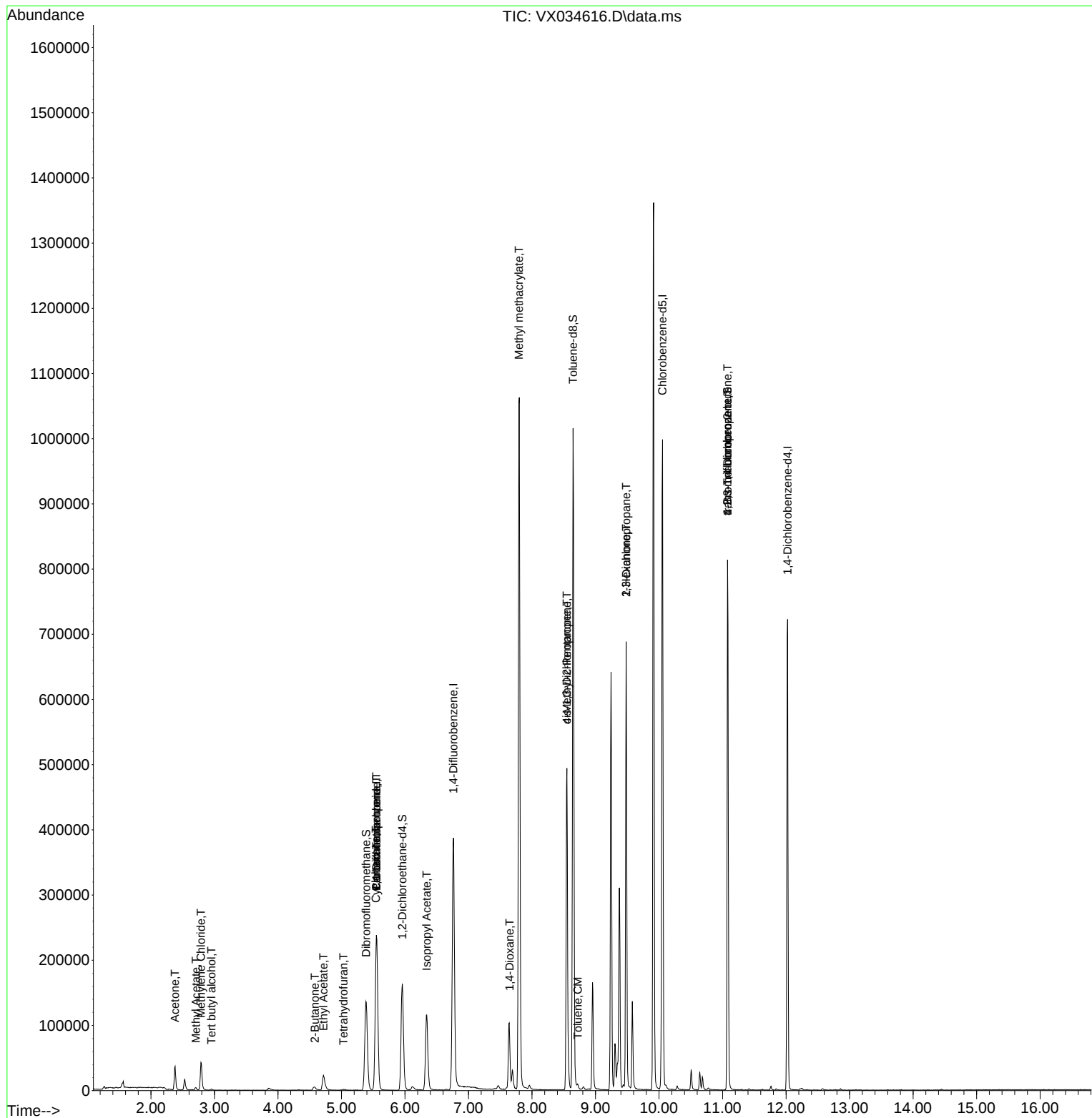
Internal Standards						
1) Pentafluorobenzene	5.550	168	223567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157009	48.274	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.540%
35) Dibromofluoromethane	5.385	113	120017	47.837	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.680%
50) Toluene-d8	8.647	98	565050	60.331	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	120.660%#
62) 4-Bromofluorobenzene	11.079	95	221065	58.435	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	416	Below Cal	#	42
11) Tert butyl alcohol	2.953	59	1815	2.680	ug/l #	81
16) Acetone	2.380	43	38061	24.843	ug/l	99
18) Methyl Acetate	2.709	43	4682	0.935	ug/l	96
20) Methylene Chloride	2.788	84	19563	6.579	ug/l	97
25) 2-Butanone	4.580	43	11483	5.238	ug/l	95
29) Tetrahydrofuran	5.032	42	999	0.739	ug/l #	68
31) Cyclohexane	5.544	56	5510	1.208	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	18255	4.737	ug/l #	51
37) Ethyl Acetate	4.715	43	40325	9.579	ug/l	98
38) Carbon Tetrachloride	5.550	117	23159	6.041	ug/l #	16
43) Isopropyl Acetate	6.342	43	163574	22.936	ug/l	99
48) Methyl methacrylate	7.793	41	101951	29.723	ug/l #	47
49) 1,4-Dioxane	7.647	88	22	0.305	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	183265	44.297	ug/l #	50
52) Toluene	8.720	92	1746	0.250	ug/l	98
54) cis-1,3-Dichloropropene	8.549	75	76917	16.294	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	5463	1.110	ug/l #	42
59) 2-Hexanone	9.482	43	82275	25.726	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	119808	36.070	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	119808	97.580	ug/l #	8

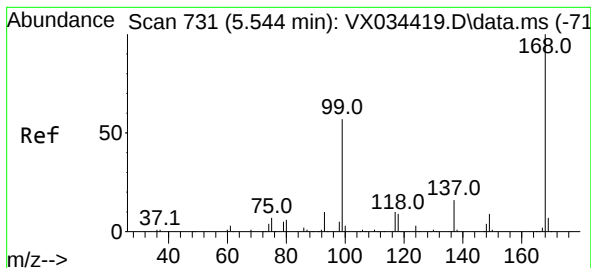
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX034616.D

Acq: 18 Mar 2023 06:51

Instrument :

MSVOA_X

ClientSampleId :

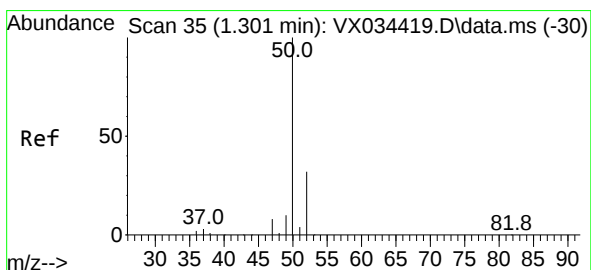
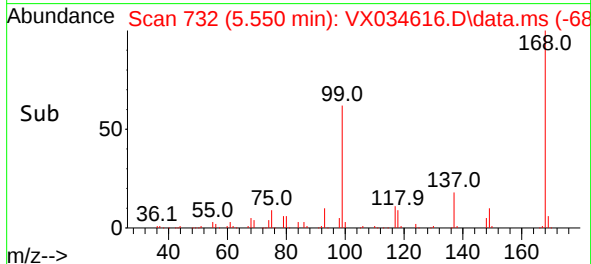
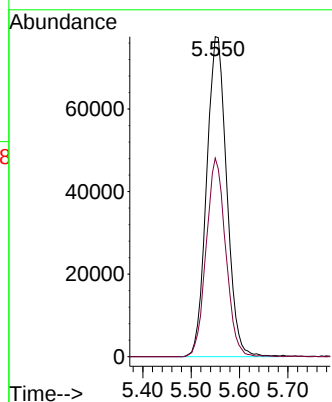
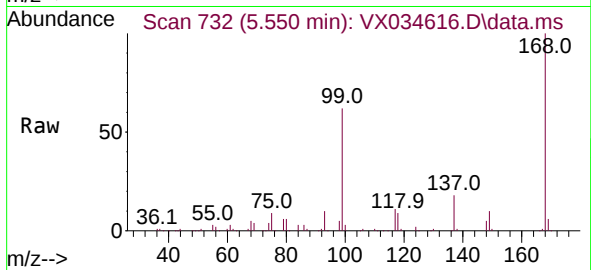
MAPLE-5

Tgt Ion:168 Resp: 223567

Ion Ratio Lower Upper

168 100

99 62.1 45.7 68.5



#3

Chloromethane

Concen: Below Cal

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX034616.D

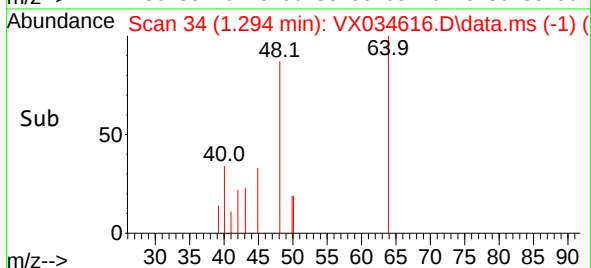
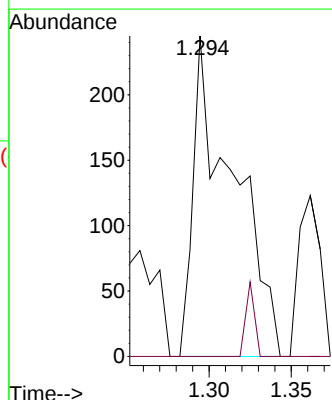
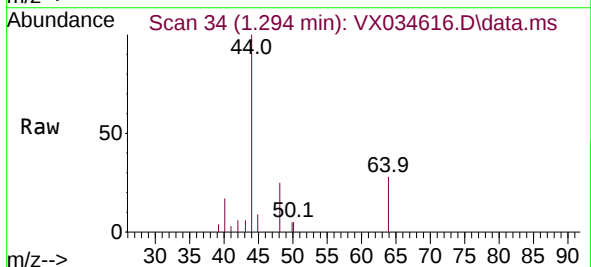
Acq: 18 Mar 2023 06:51

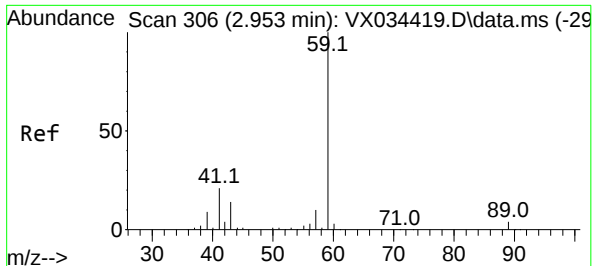
Tgt Ion: 50 Resp: 416

Ion Ratio Lower Upper

50 100

52 0.0 25.9 38.9#

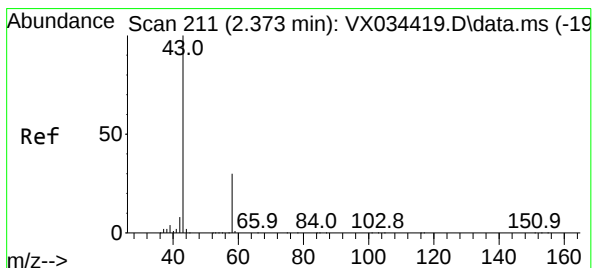
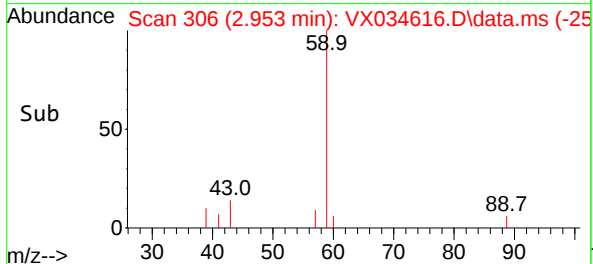
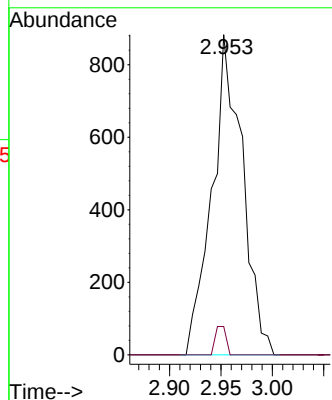
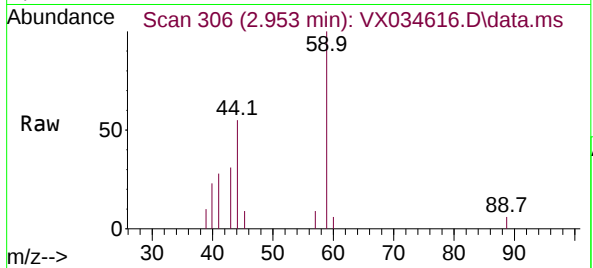




#11
Tert butyl alcohol
Concen: 2.680 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

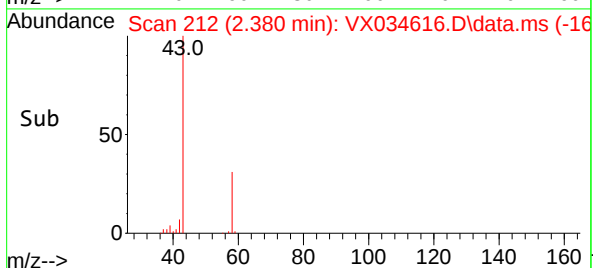
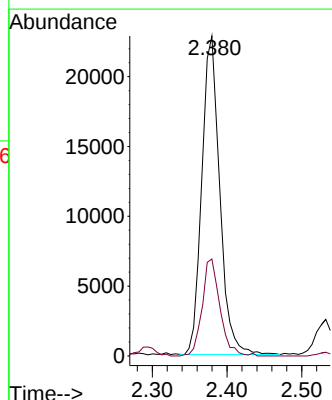
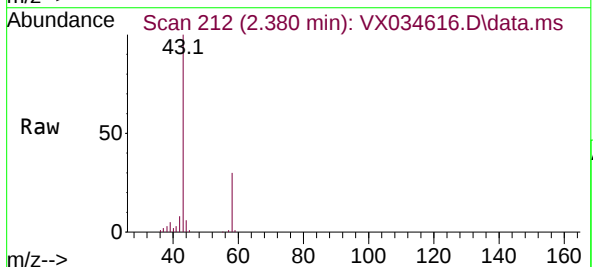
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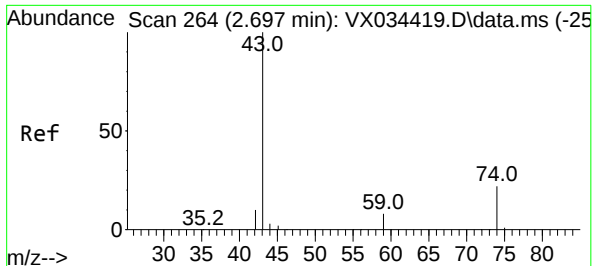
Tgt Ion: 59 Resp: 1815
Ion Ratio Lower Upper
59 100
57 3.1 8.1 12.1#



#16
Acetone
Concen: 24.843 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Tgt Ion: 43 Resp: 38061
Ion Ratio Lower Upper
43 100
58 30.4 24.7 37.1

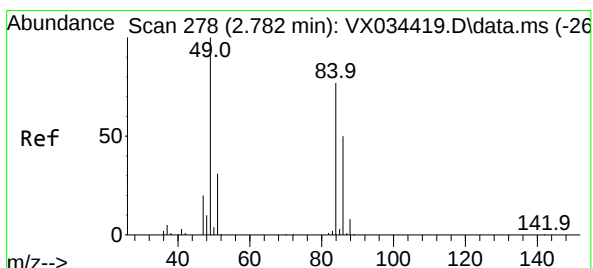
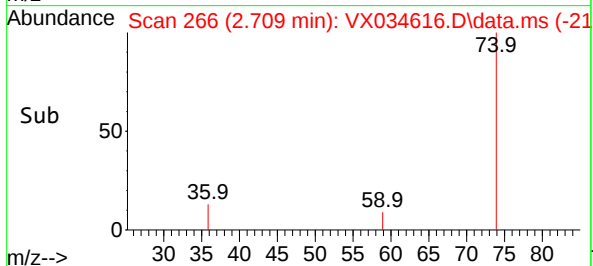
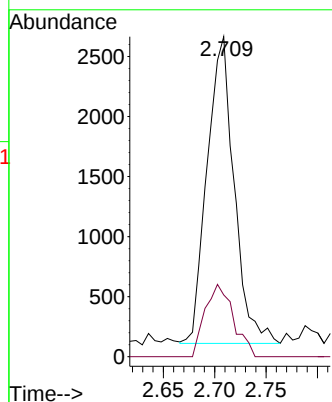
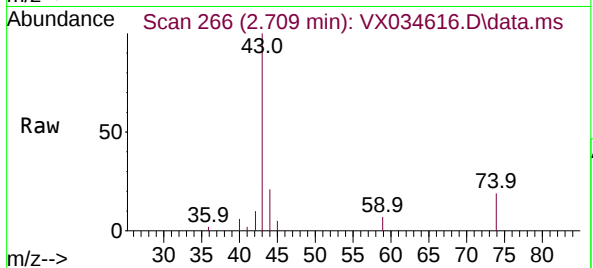




#18
Methyl Acetate
Concen: 0.935 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

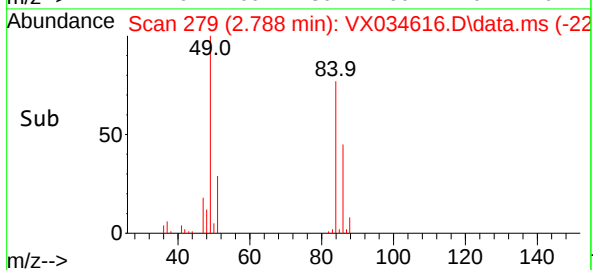
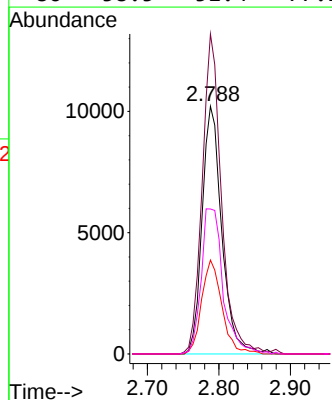
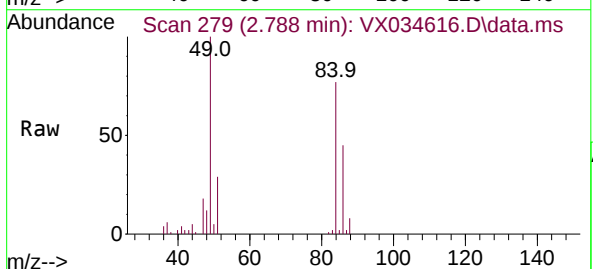
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-5

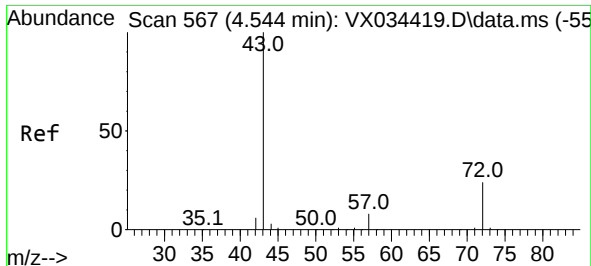
Tgt Ion: 43 Resp: 4682
Ion Ratio Lower Upper
43 100
74 24.6 18.3 27.5



#20
Methylene Chloride
Concen: 6.579 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Tgt Ion: 84 Resp: 19563
Ion Ratio Lower Upper
84 100
49 129.2 103.8 155.8
51 37.9 31.8 47.8
86 58.5 51.4 77.2

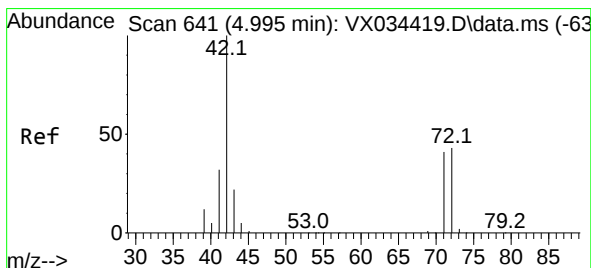
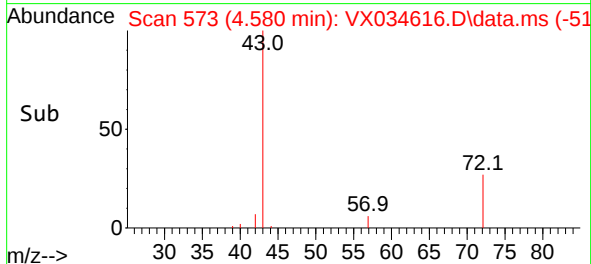
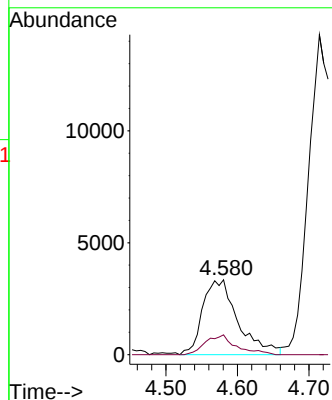
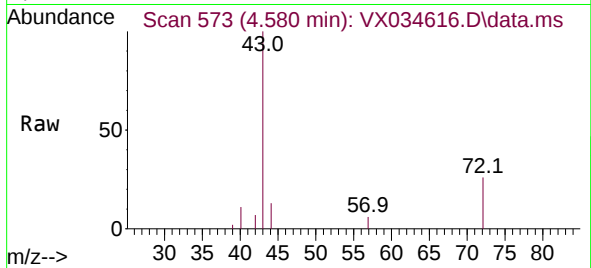




#25
2-Butanone
Concen: 5.238 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

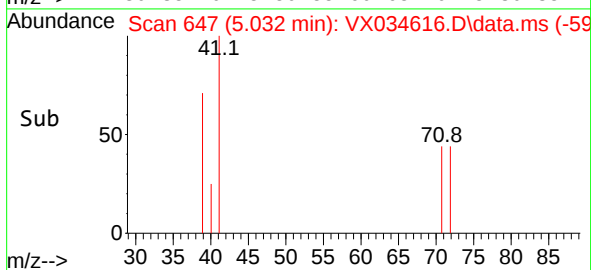
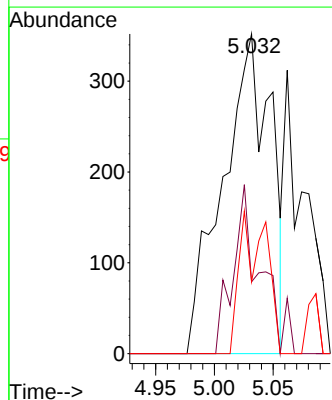
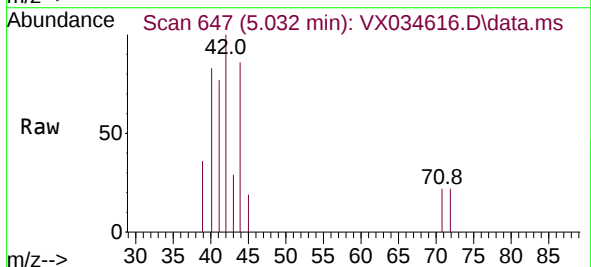
Instrument :
MSVOA_X
ClientSampleId :
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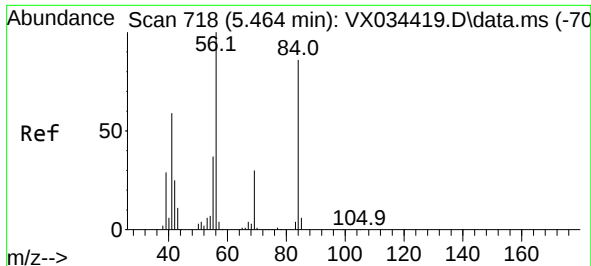
Tgt Ion: 43 Resp: 11483
Ion Ratio Lower Upper
43 100
72 26.4 19.3 28.9



#29
Tetrahydrofuran
Concen: 0.739 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

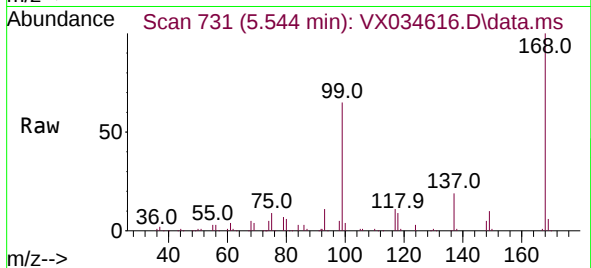
Tgt Ion: 42 Resp: 999
Ion Ratio Lower Upper
42 100
72 30.7 34.5 51.7#
71 11.6 32.1 48.1#



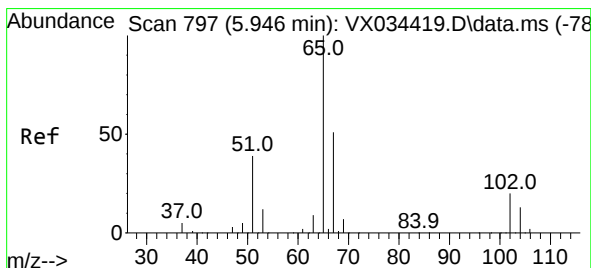
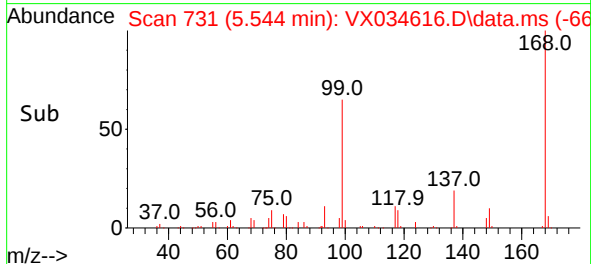
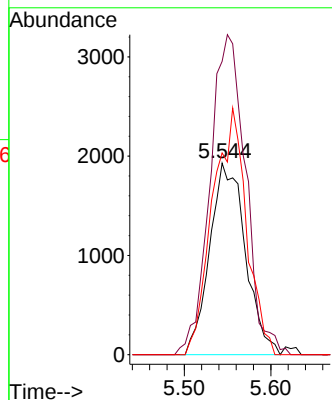


#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Instrument :
MSVOA_X
ClientSampleId :
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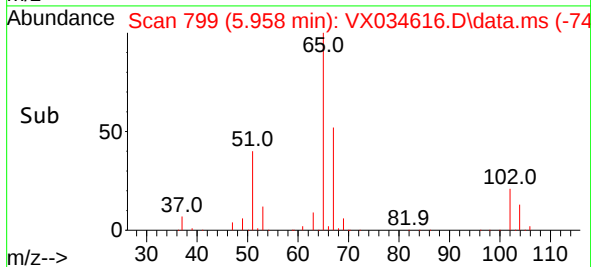
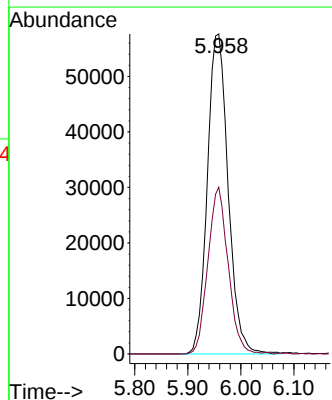
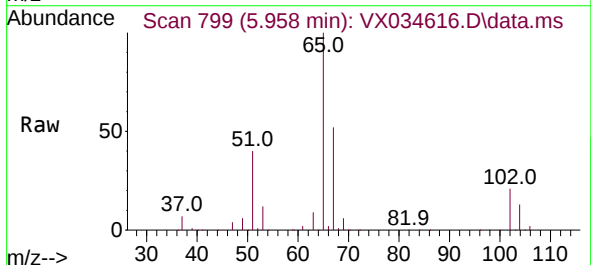


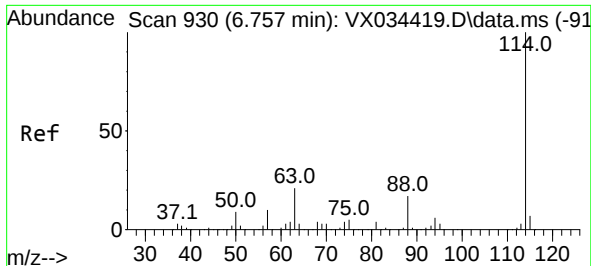
Tgt Ion: 56 Resp: 5510
Ion Ratio Lower Upper
56 100
69 150.4 23.7 35.5#
84 105.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.274 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Tgt Ion: 65 Resp: 157009
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

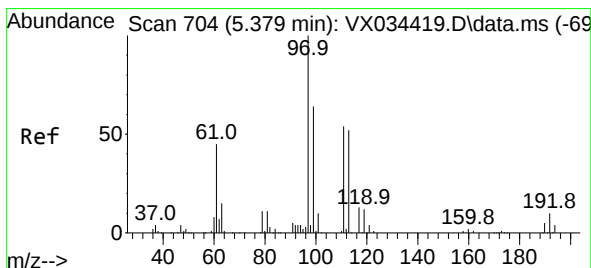
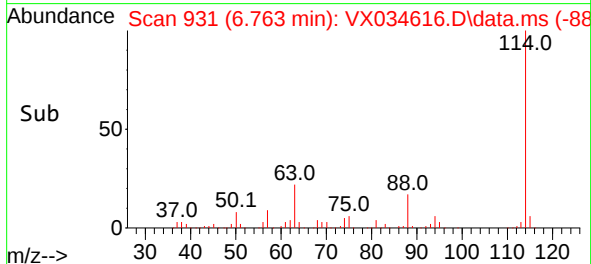
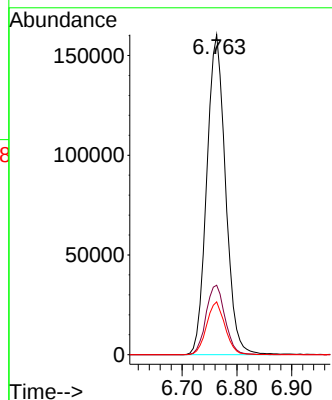
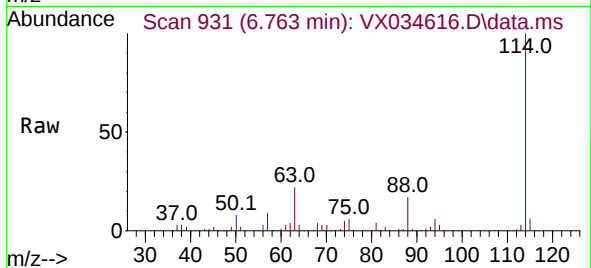




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

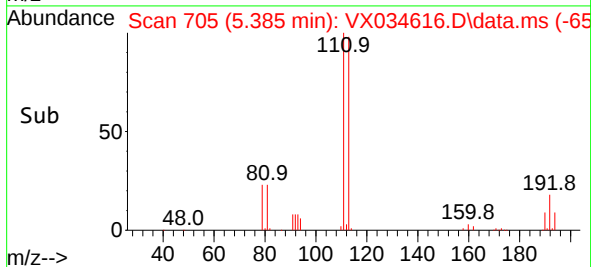
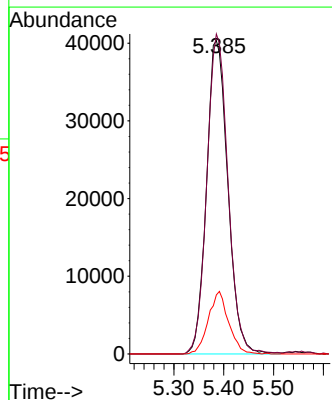
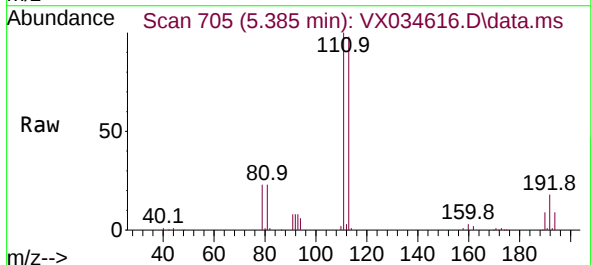
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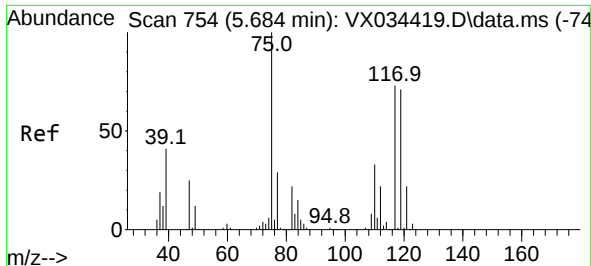
Tgt Ion:114 Resp: 379993
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.837 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Tgt Ion:113 Resp: 120017
Ion Ratio Lower Upper
113 100
111 101.4 83.7 125.5
192 18.9 15.4 23.2

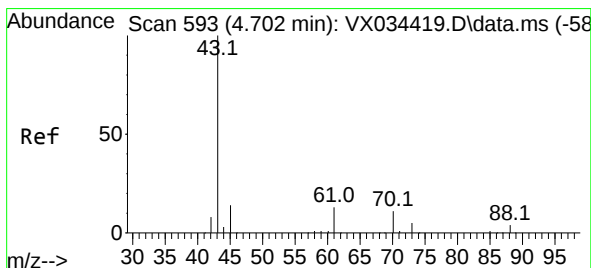
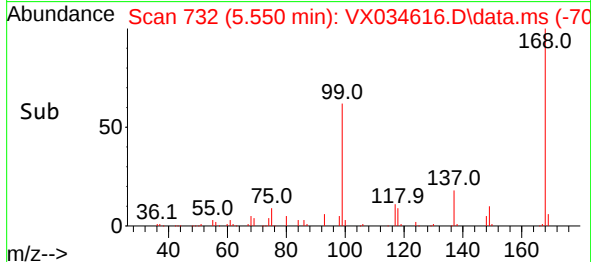
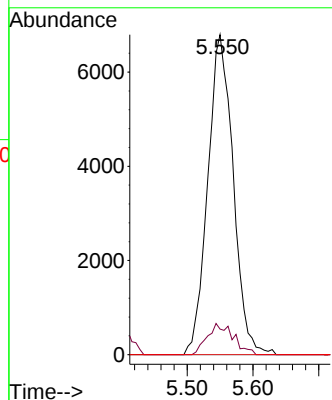
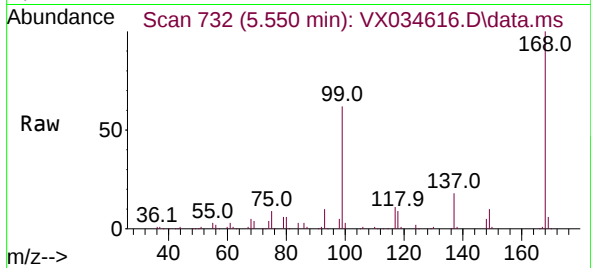




#36
1,1-Dichloropropene
Concen: 4.737 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

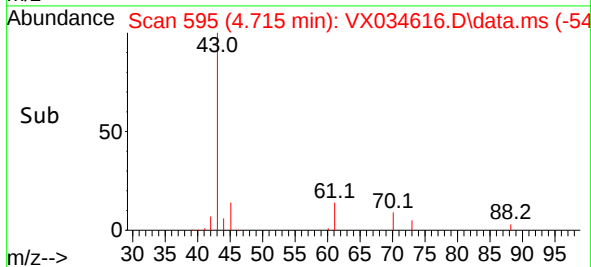
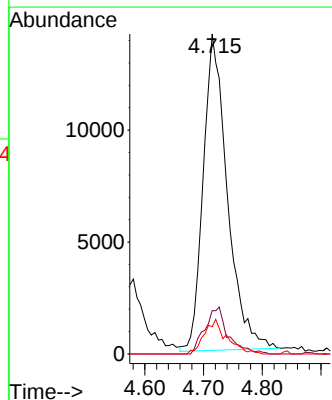
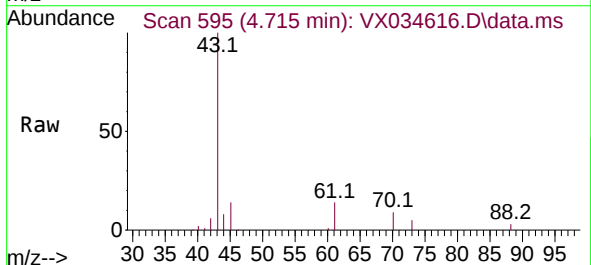
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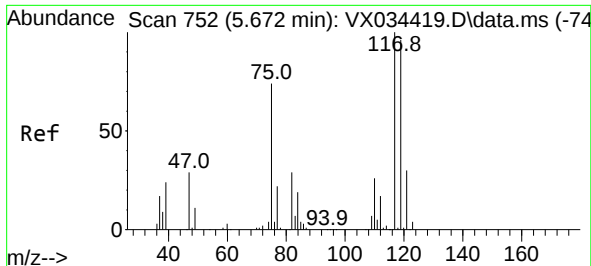
Tgt Ion: 75 Resp: 18255
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 9.579 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

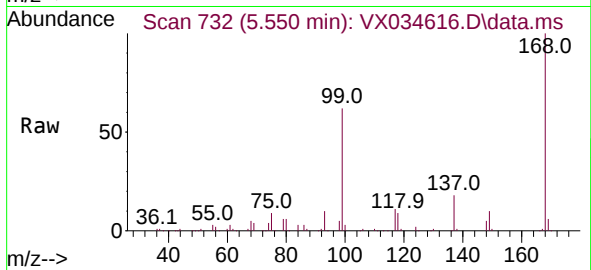
Tgt Ion: 43 Resp: 40325
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.4
70 10.3 8.2 12.4



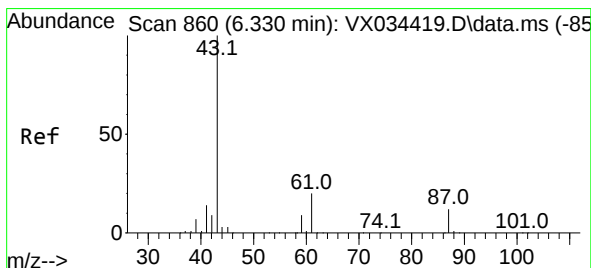
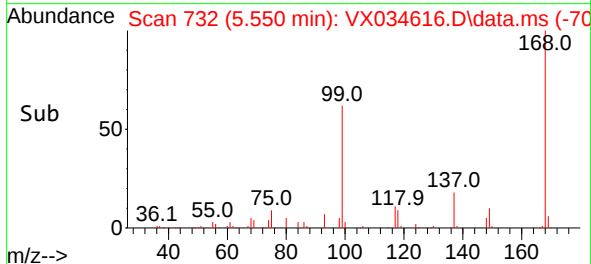
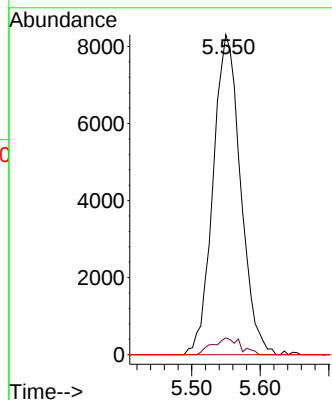


#38
Carbon Tetrachloride
Concen: 6.041 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Instrument :
MSVOA_X
ClientSampleId :
MAPLE-5

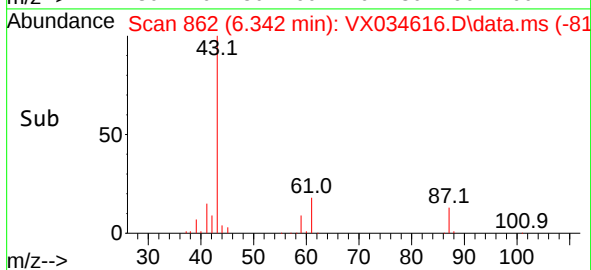
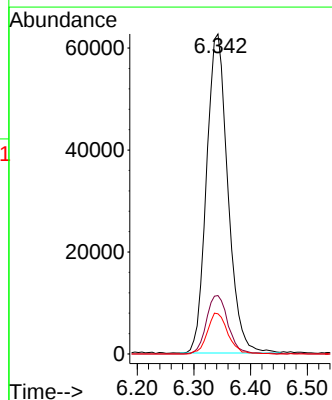
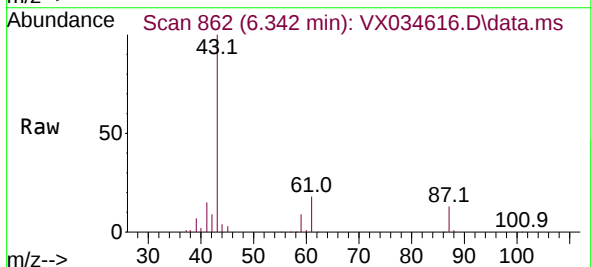


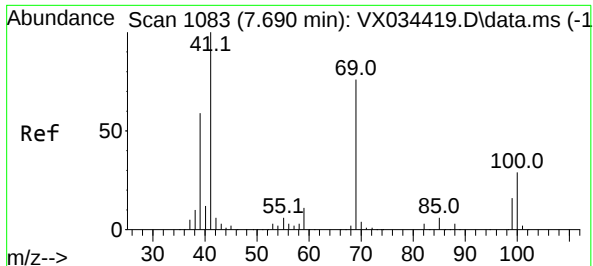
Tgt Ion:117 Resp: 23159
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 22.936 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.012 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Tgt Ion: 43 Resp: 163574
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.4 9.8 14.8

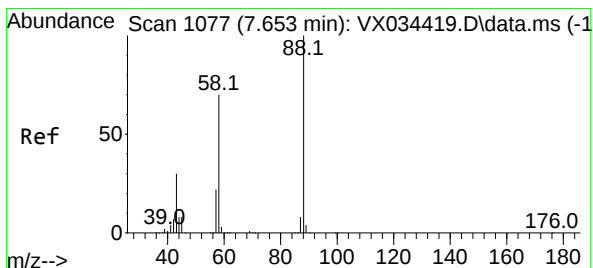
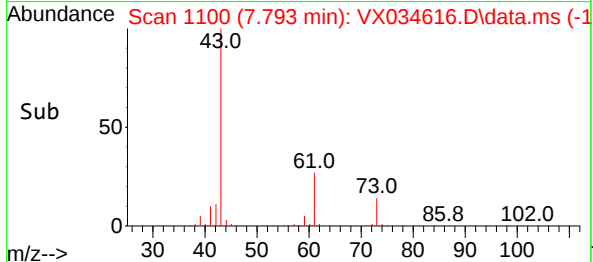
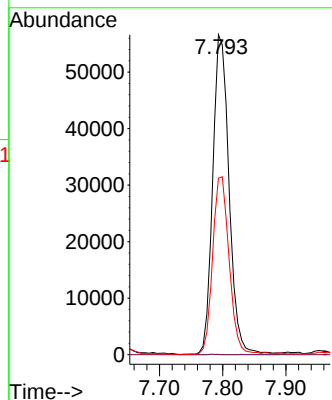
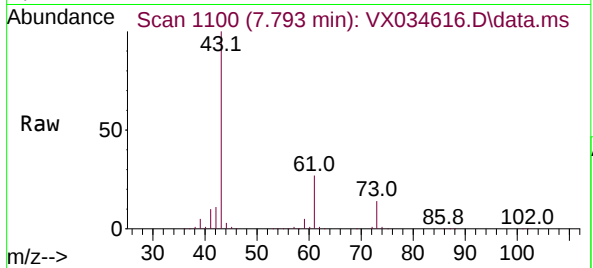




#48
Methyl methacrylate
Concen: 29.723 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

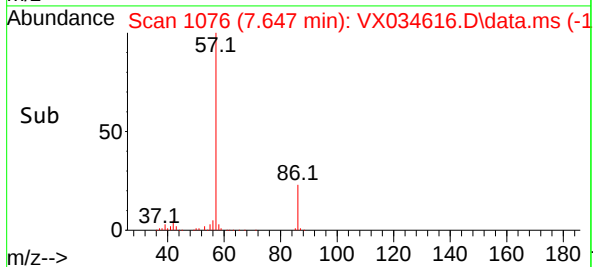
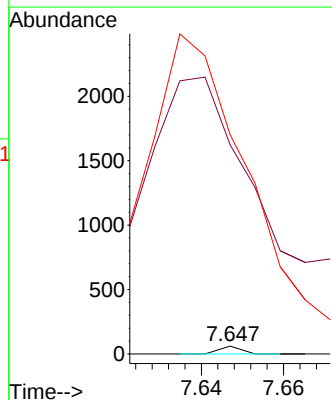
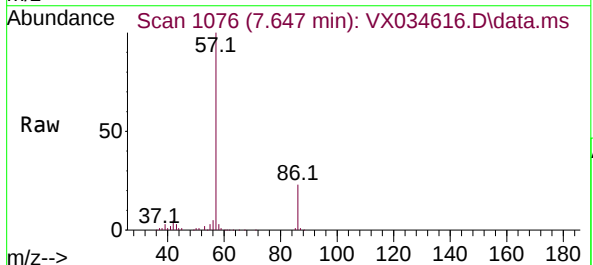
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-5

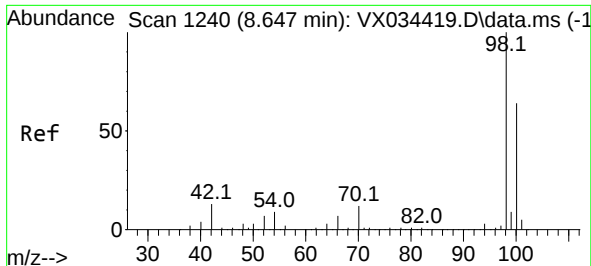
Tgt Ion: 41 Resp: 101951
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 55.9 47.7 71.5



#49
1,4-Dioxane
Concen: 0.305 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.006 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 20790.9 56.8 85.2#

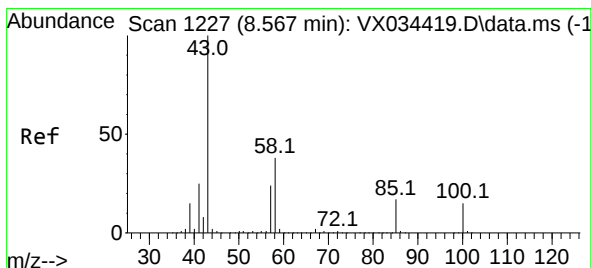
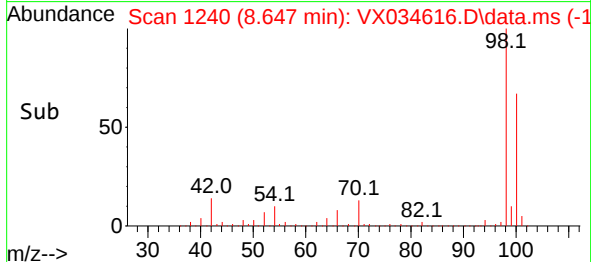
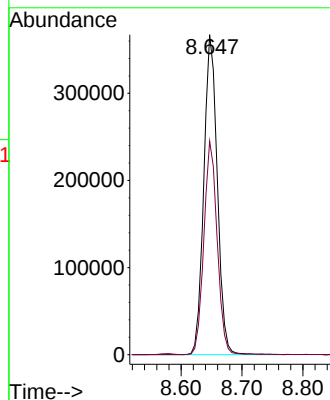
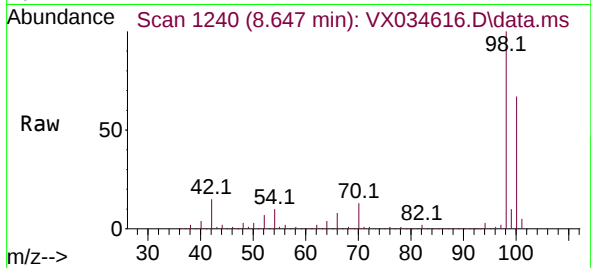




#50
Toluene-d8
Concen: 60.331 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

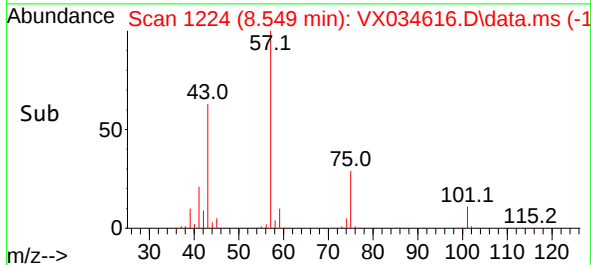
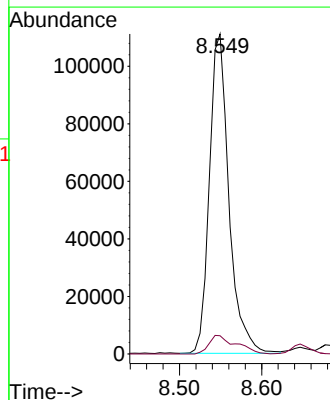
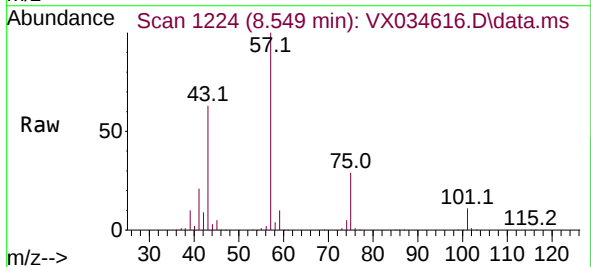
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-5

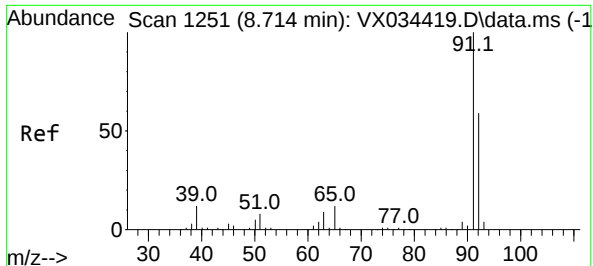
Tgt Ion: 98 Resp: 565050
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 44.297 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Tgt Ion: 43 Resp: 183265
Ion Ratio Lower Upper
43 100
58 8.1 30.6 46.0#

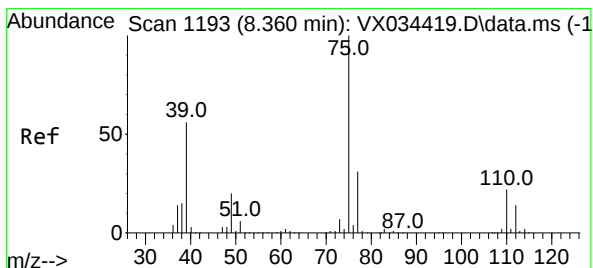
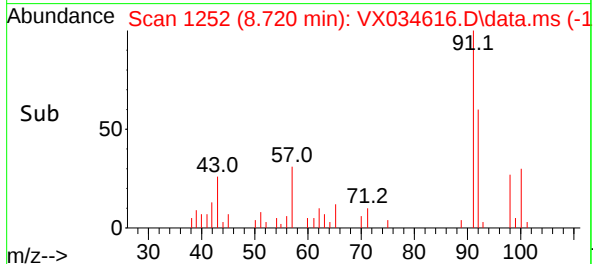
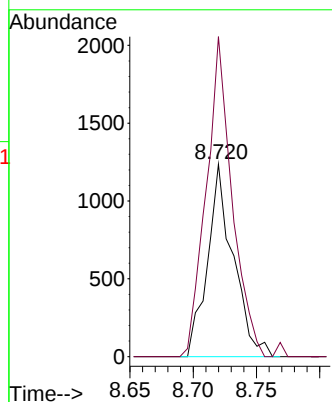
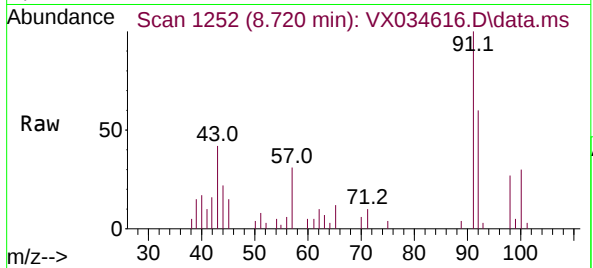




#52
Toluene
Concen: 0.250 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

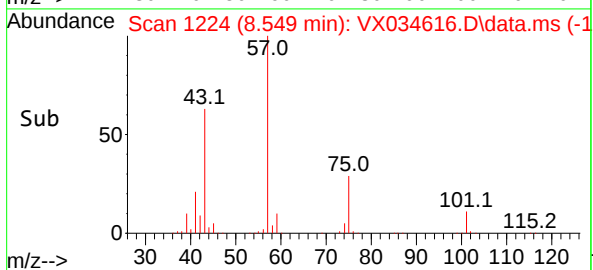
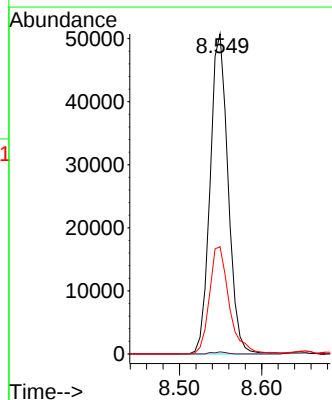
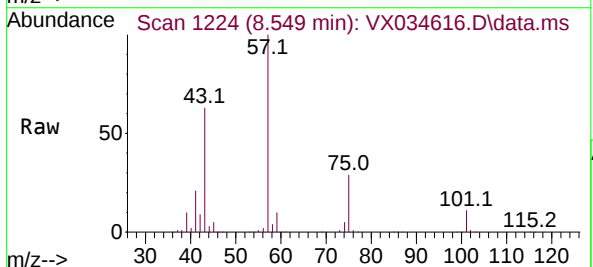
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-5

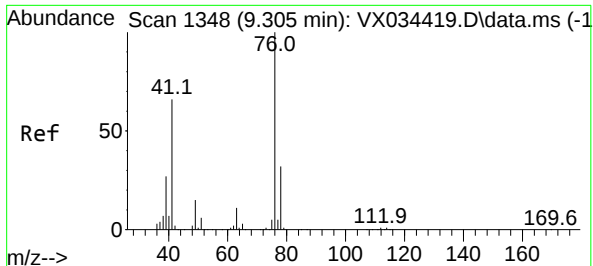
Tgt Ion: 92 Resp: 1746
Ion Ratio Lower Upper
92 100
91 167.7 136.8 205.2



#54
cis-1,3-Dichloropropene
Concen: 16.294 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.189 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Tgt Ion: 75 Resp: 76917
Ion Ratio Lower Upper
75 100
77 0.7 25.0 37.4#
39 33.5 44.6 66.8#





#57

1,3-Dichloropropane

Concen: 1.110 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034616.D

Acq: 18 Mar 2023 06:51

Instrument :

MSVOA_X

ClientSampleId :

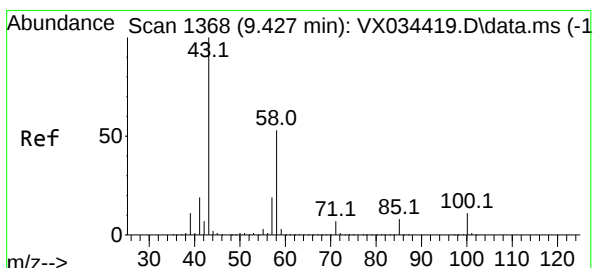
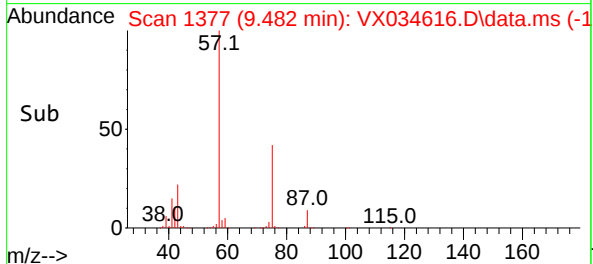
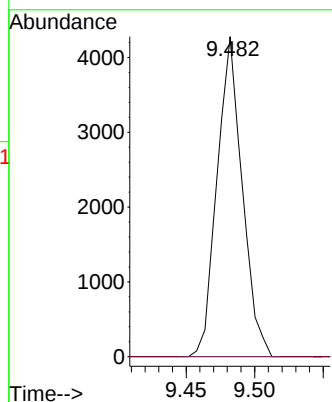
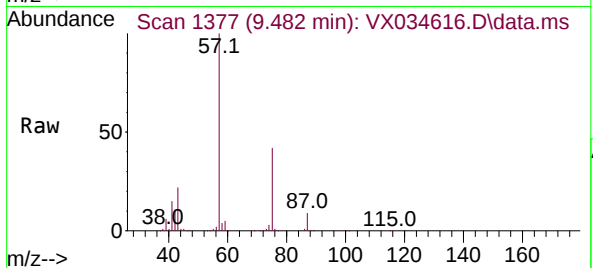
MAPLE-5

Tgt Ion: 76 Resp: 5463

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 25.726 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX034616.D

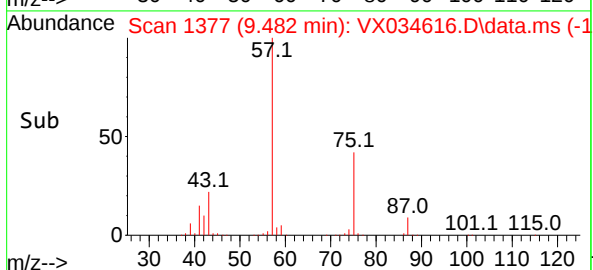
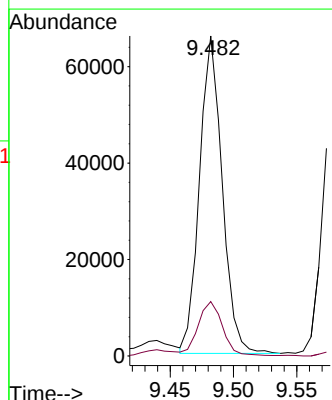
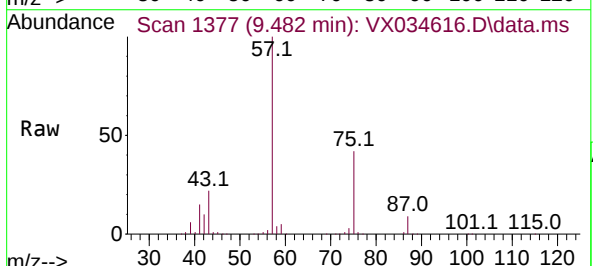
Acq: 18 Mar 2023 06:51

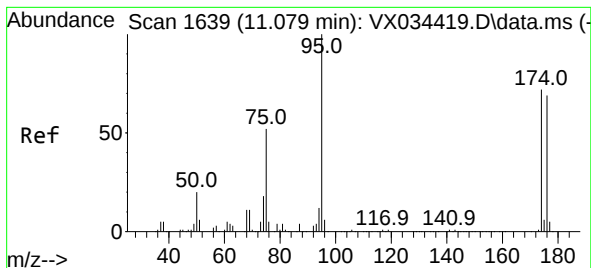
Tgt Ion: 43 Resp: 82275

Ion Ratio Lower Upper

43 100

58 18.7 26.3 78.9#

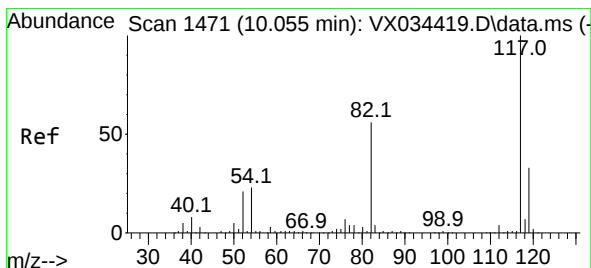
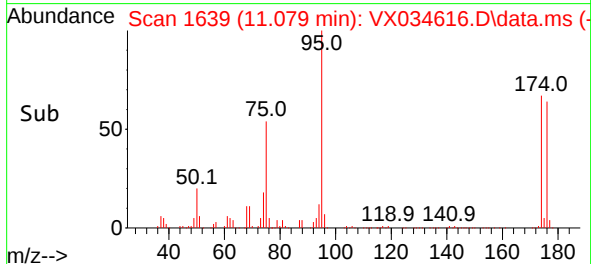
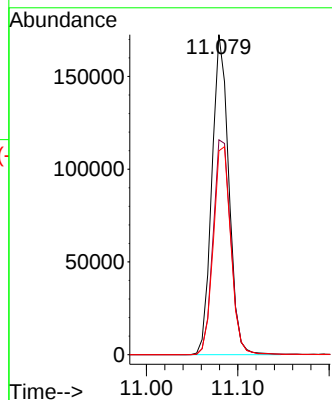
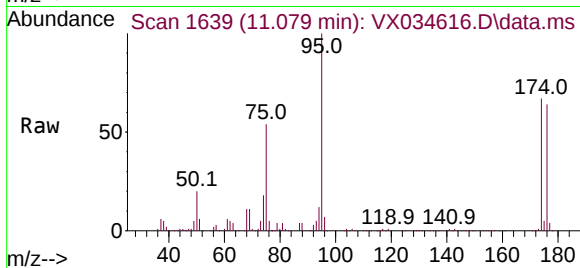




#62
4-Bromofluorobenzene
Concen: 58.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

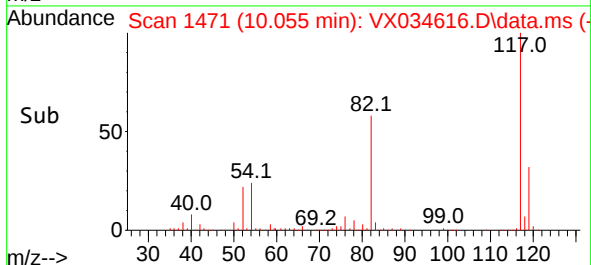
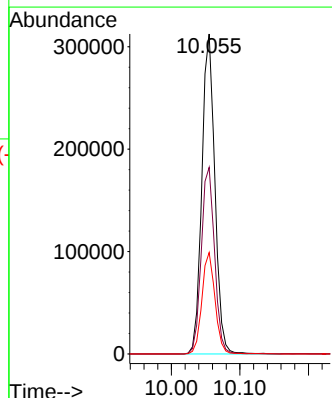
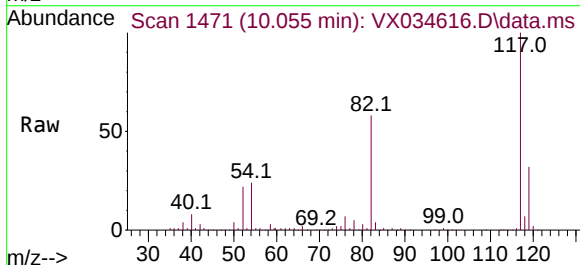
Instrument :
MSVOA_X
ClientSampleId :
MAPLE-5

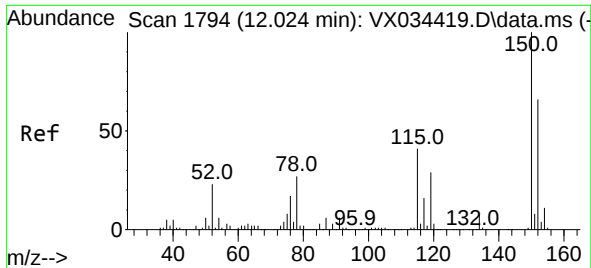
Tgt Ion: 95 Resp: 221065
Ion Ratio Lower Upper
95 100
174 70.6 0.0 147.4
176 67.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034616.D
Acq: 18 Mar 2023 06:51

Tgt Ion: 117 Resp: 413901
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 31.7 26.0 39.0

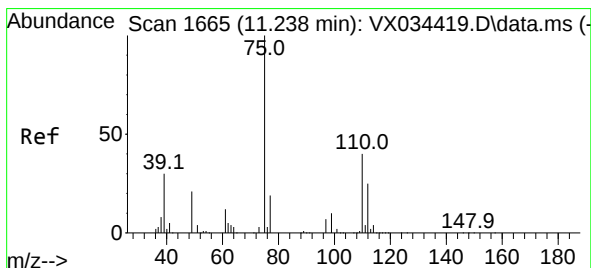
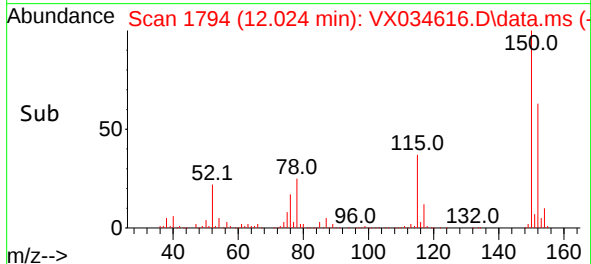
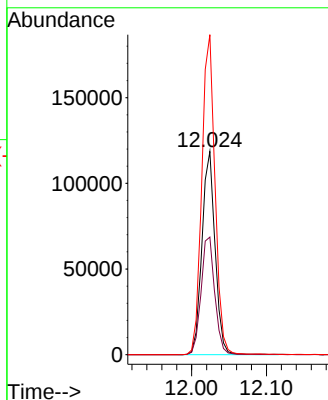
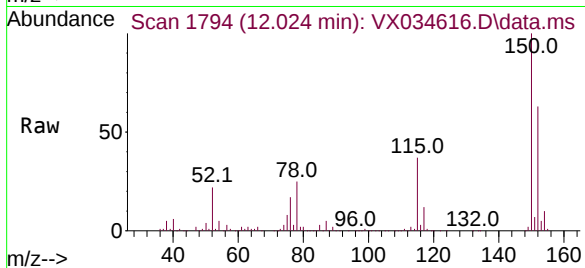




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034616.D
 Acq: 18 Mar 2023 06:51

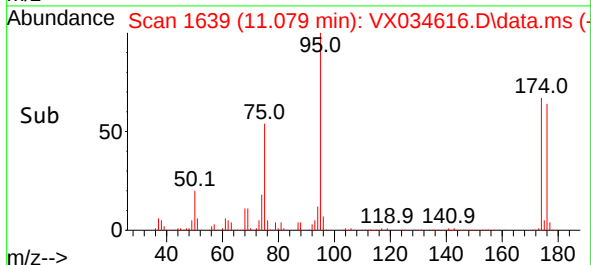
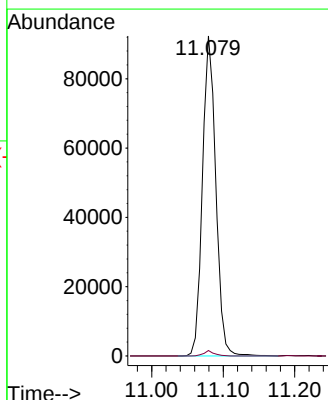
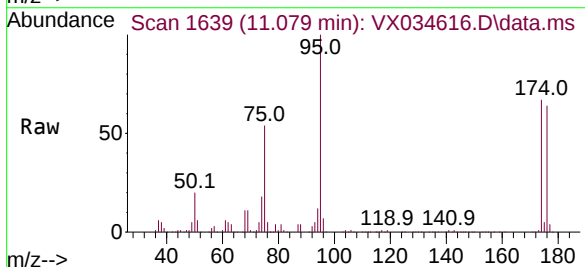
Instrument :
 MSVOA_X
 ClientSampleId :
 MAPLE-5

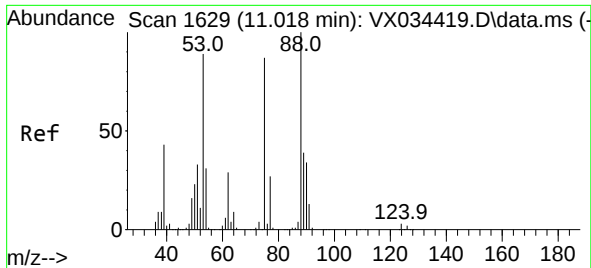
Tgt Ion:152 Resp: 144659
 Ion Ratio Lower Upper
 152 100
 115 60.6 45.0 135.0
 150 159.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 36.070 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034616.D
 Acq: 18 Mar 2023 06:51

Tgt Ion: 75 Resp: 119808
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.580 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034616.D
 Acq: 18 Mar 2023 06:51

Instrument :
 MSVOA_X
 ClientSampleId :
 MAPLE-5

Tgt Ion: 75 Resp: 119808
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

