

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036279.D
 Acq On : 21 Jun 2023 18:29
 Operator : JC/MD
 Sample : 03366-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02

Quant Time: Jun 22 05:03:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

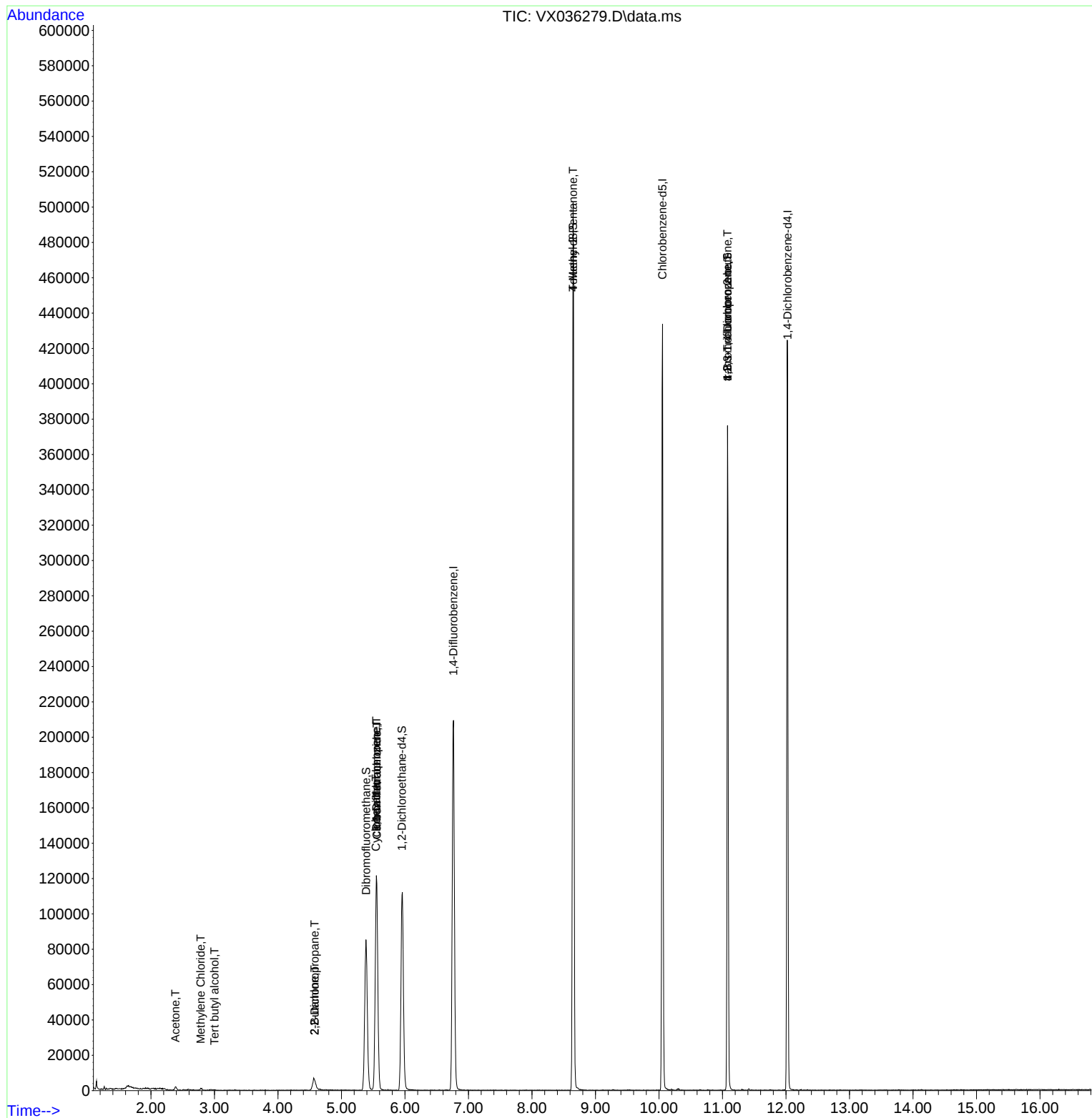
Internal Standards						
1) Pentafluorobenzene	5.550	168	104203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108361	56.905	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.800%	
35) Dibromofluoromethane	5.385	113	73087	52.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.340%	
50) Toluene-d8	8.647	98	284641	56.077	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.160%#	
62) 4-Bromofluorobenzene	11.079	95	97774	47.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.002	59	249	0.855	ug/l #	78
16) Acetone	2.386	43	2233	2.822	ug/l #	72
20) Methylene Chloride	2.782	84	535	0.373	ug/l #	76
25) 2-Butanone	4.574	43	718	0.648	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	474	0.244	ug/l #	54
31) Cyclohexane	5.544	56	2856	1.398	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	9975	4.880	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12132	6.105	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	1606	0.698	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54407	28.926	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54407	101.246	ug/l #	5

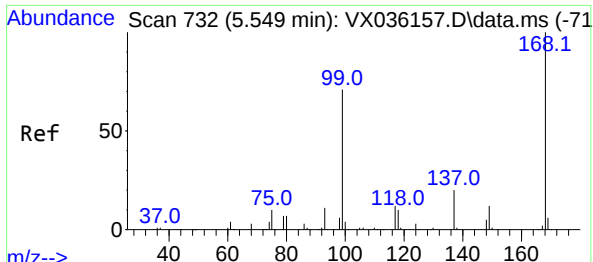
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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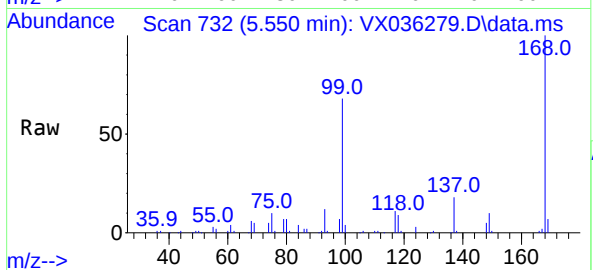
Quant Time: Jun 22 05:03:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration



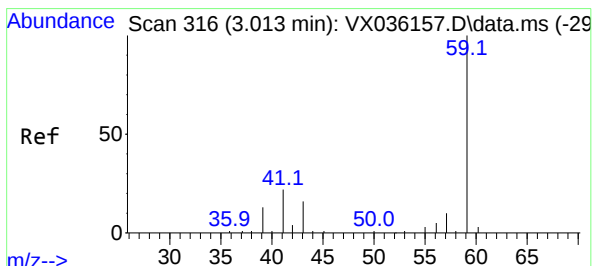
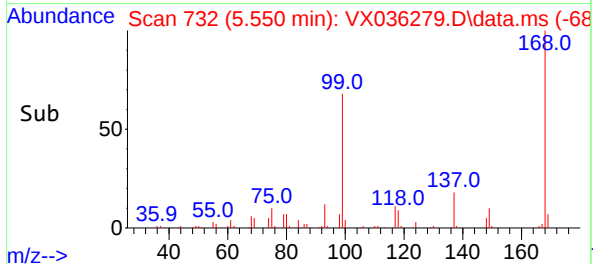
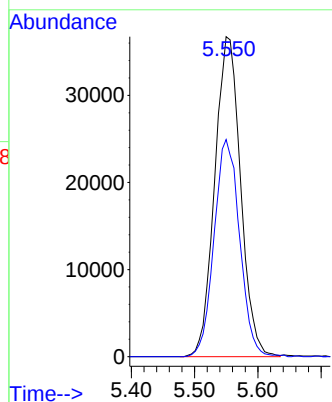


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :
FB02

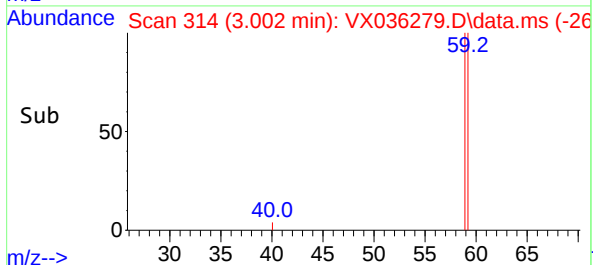
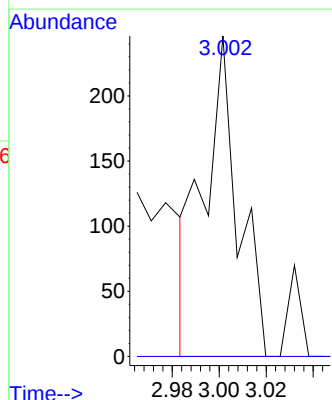
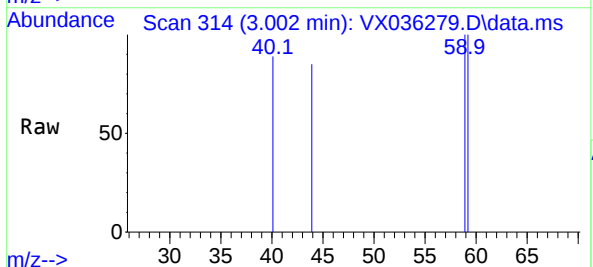


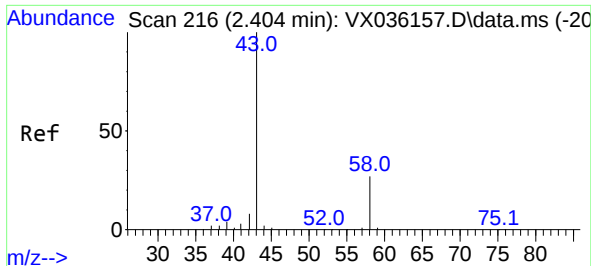
Tgt Ion:168 Resp: 104203
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.855 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.011 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

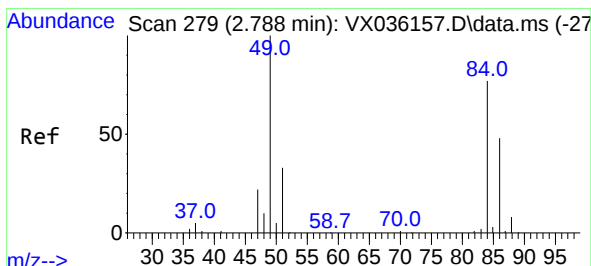
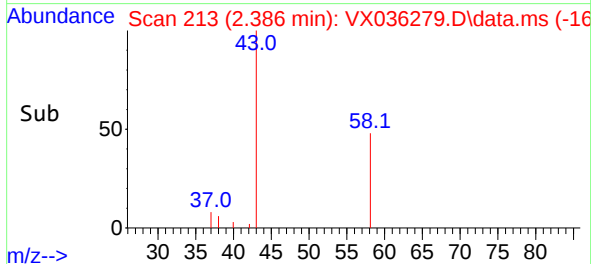
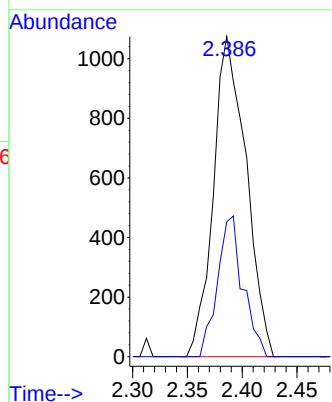
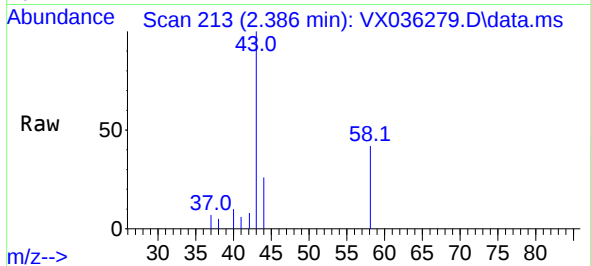




#16
Acetone
Concen: 2.822 ug/l
RT: 2.386 min Scan# 216
Delta R.T. -0.018 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

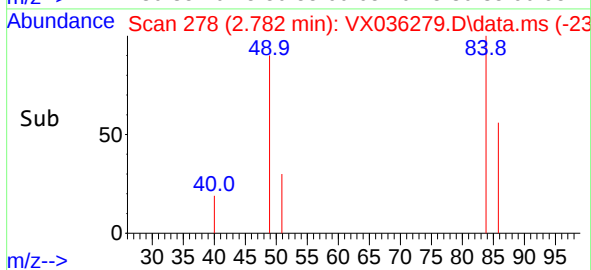
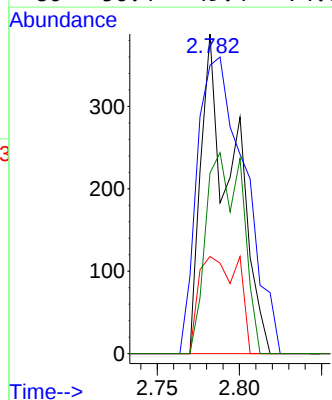
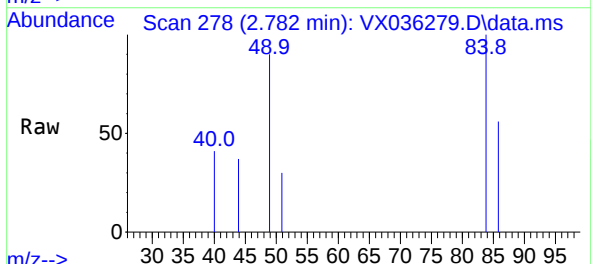
Instrument :
MSVOA_X
ClientSampleId :
FB02

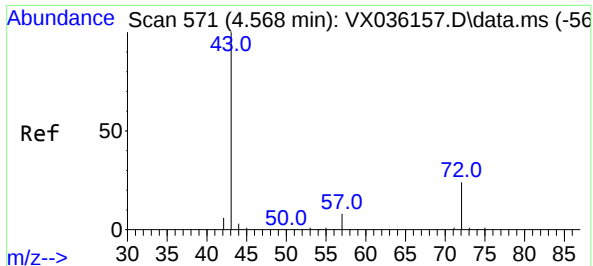
Tgt Ion: 43 Resp: 2233
Ion Ratio Lower Upper
43 100
58 42.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.373 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

Tgt Ion: 84 Resp: 535
Ion Ratio Lower Upper
84 100
49 90.2 103.6 155.4#
51 30.4 33.8 50.6#
86 56.4 49.4 74.0





#25

2-Butanone

Concen: 0.648 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036279.D

Acq: 21 Jun 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

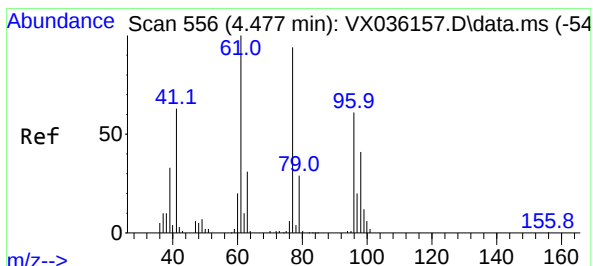
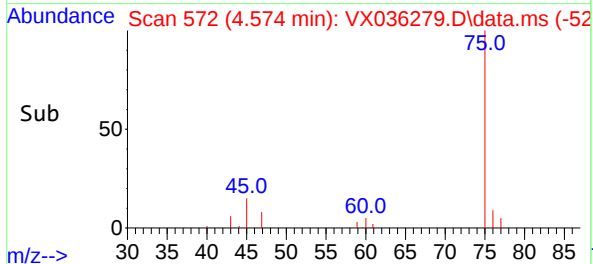
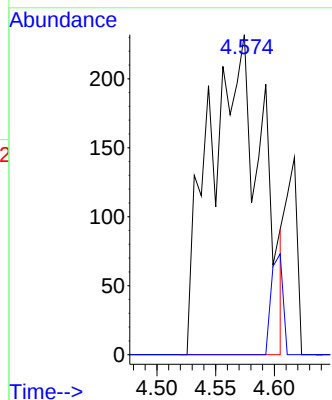
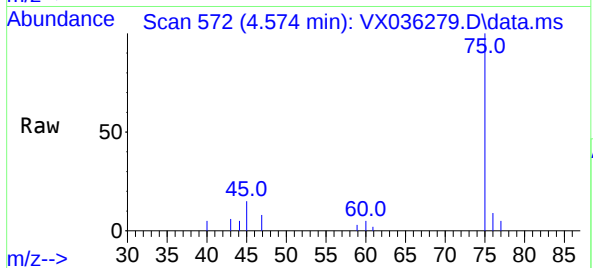
FB02

Tgt Ion: 43 Resp: 718

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.244 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.097 min

Lab File: VX036279.D

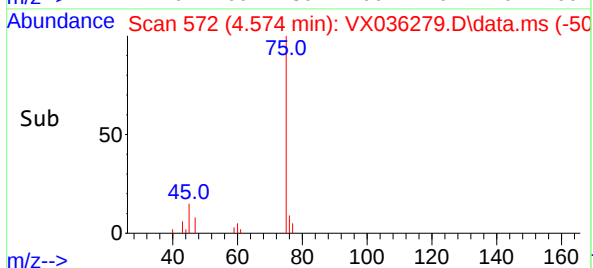
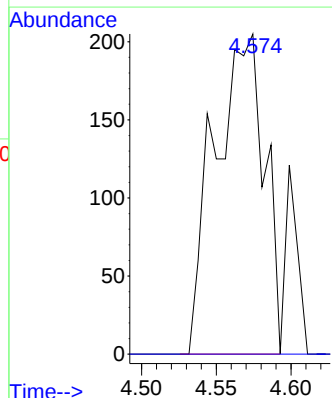
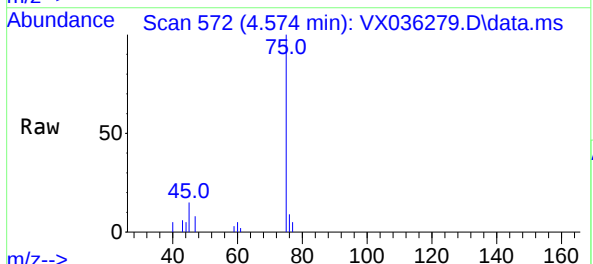
Acq: 21 Jun 2023 18:29

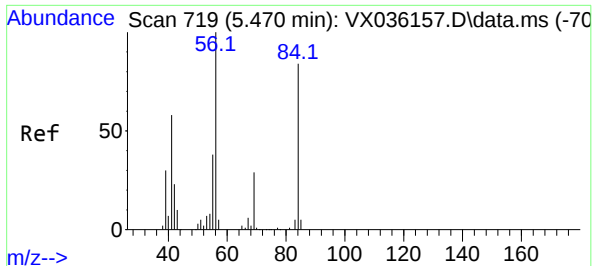
Tgt Ion: 77 Resp: 474

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#

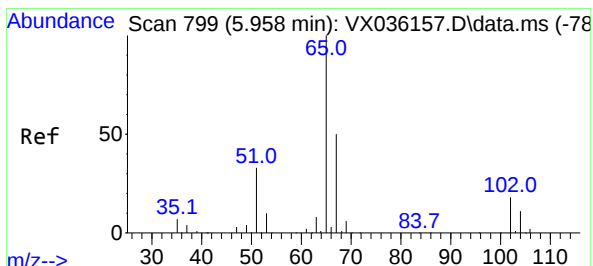
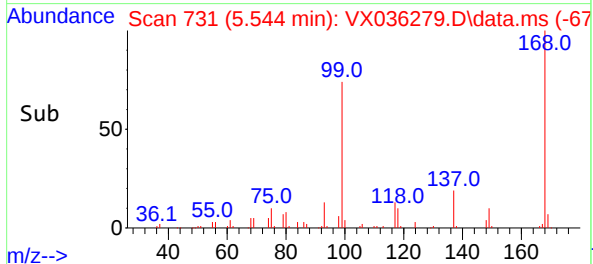
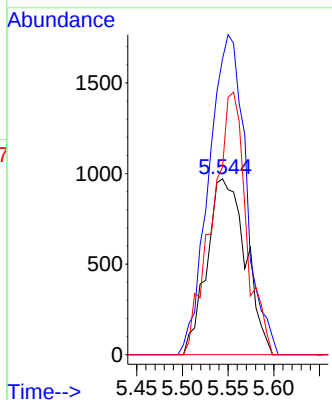
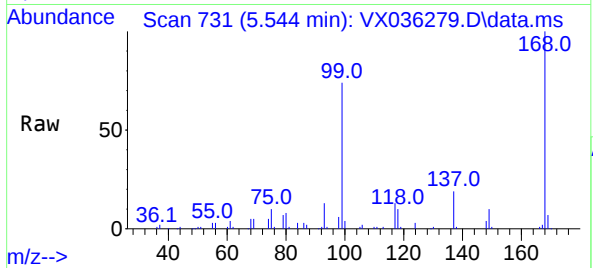




#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

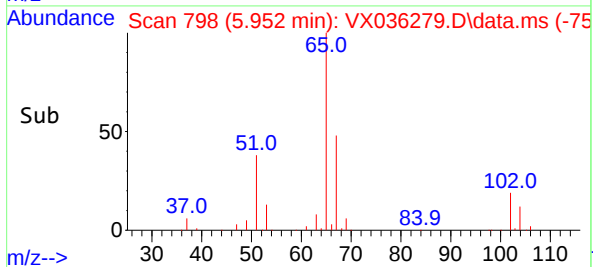
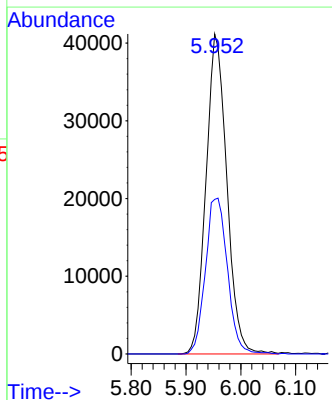
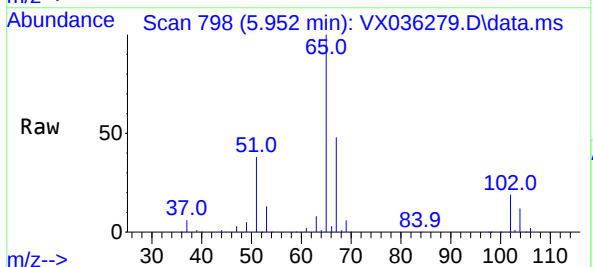
Instrument :
MSVOA_X
ClientSampleId :
FB02

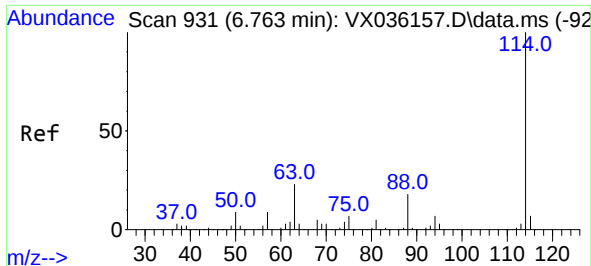
Tgt Ion: 56 Resp: 2856
Ion Ratio Lower Upper
56 100
69 168.4 23.4 35.2#
84 106.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 56.905 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

Tgt Ion: 65 Resp: 108361
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

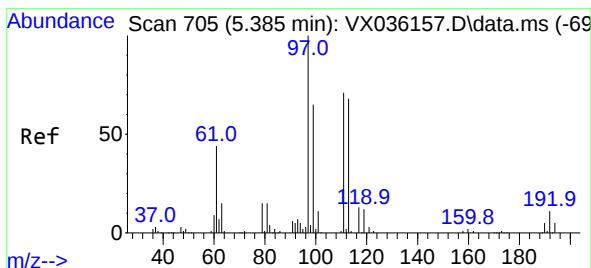
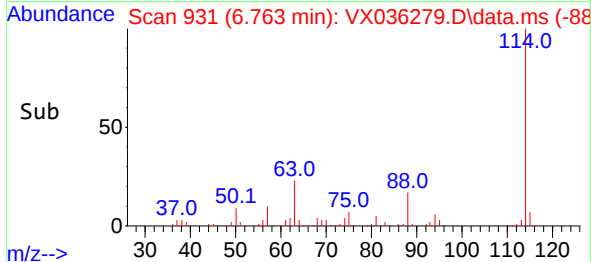
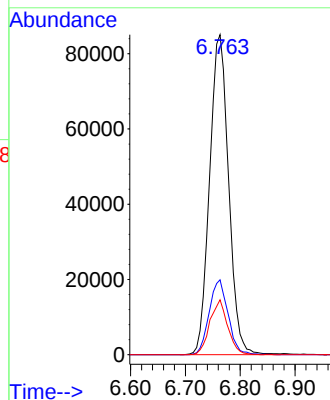
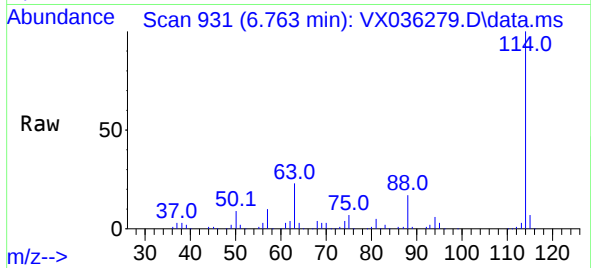




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

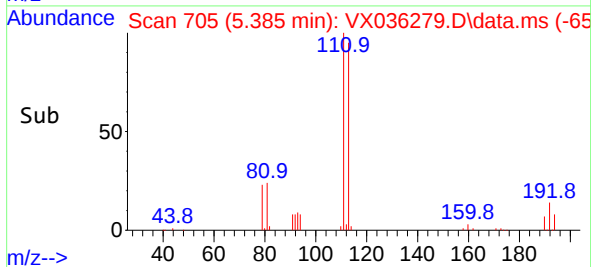
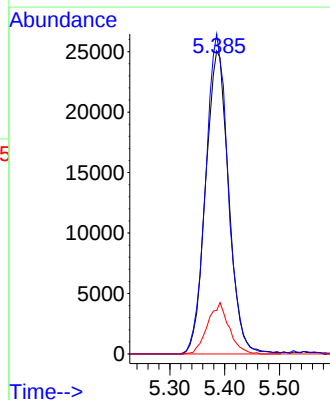
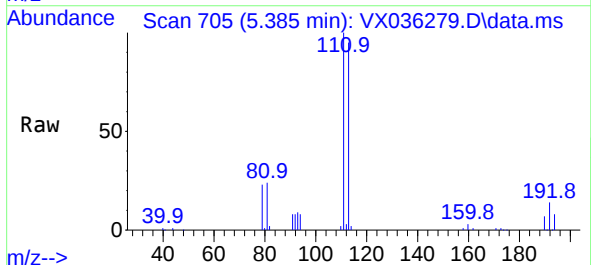
Instrument :
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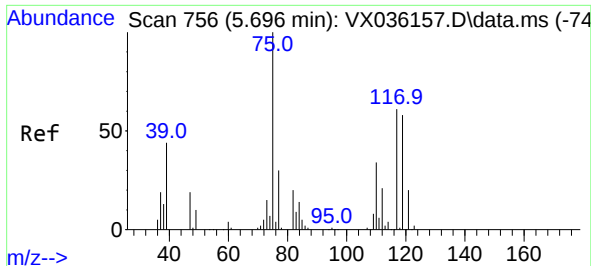
Tgt Ion:114 Resp: 204633
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.670 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

Tgt Ion:113 Resp: 73087
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 15.8 13.3 19.9

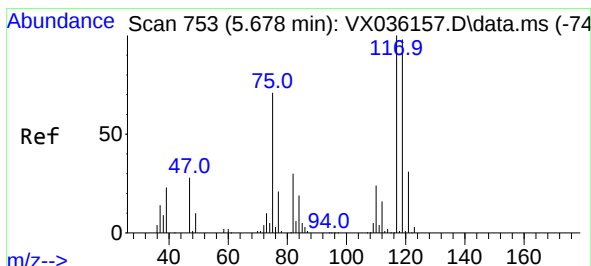
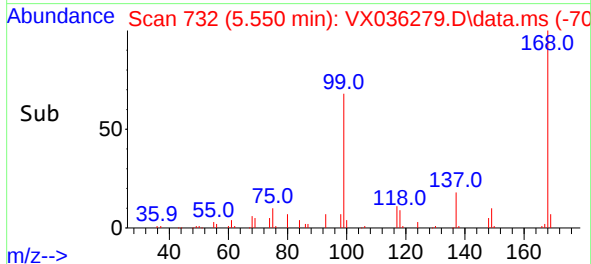
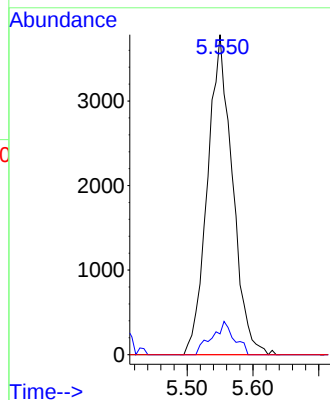
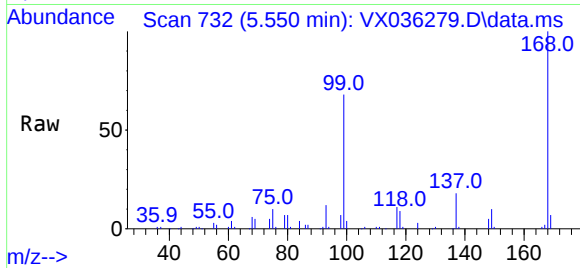




#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

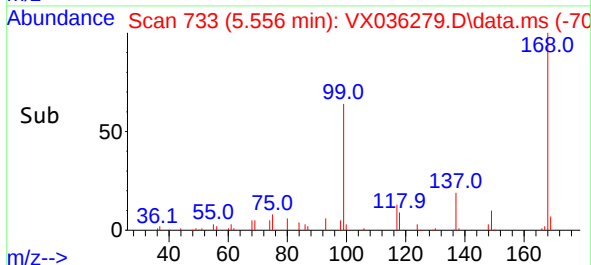
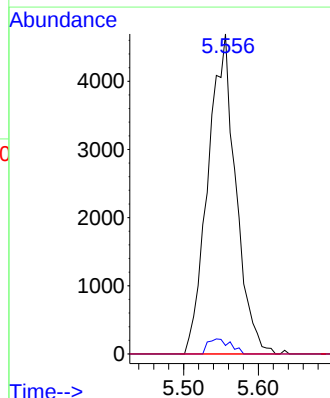
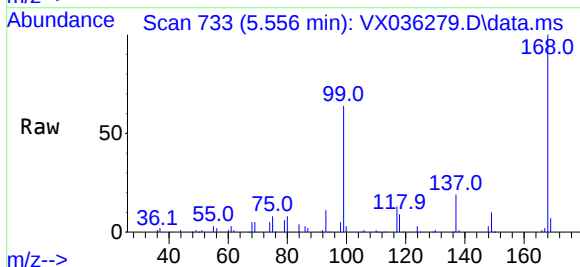
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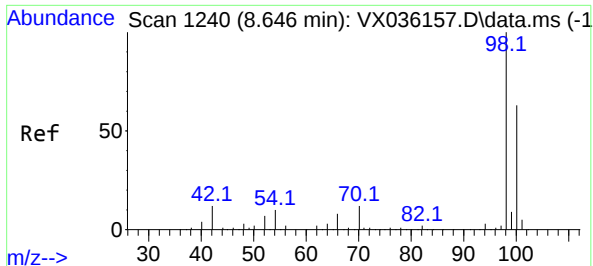
Tgt Ion: 75 Resp: 9975
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

Tgt Ion: 117 Resp: 12132
Ion Ratio Lower Upper
117 100
119 2.6 78.2 117.2#
121 0.0 24.4 36.6#

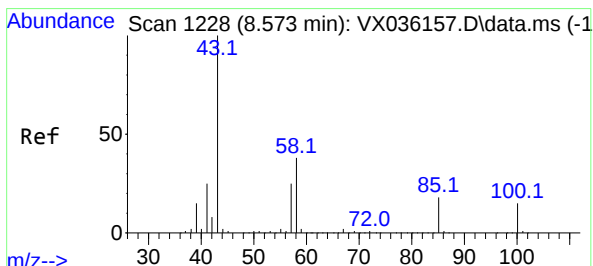
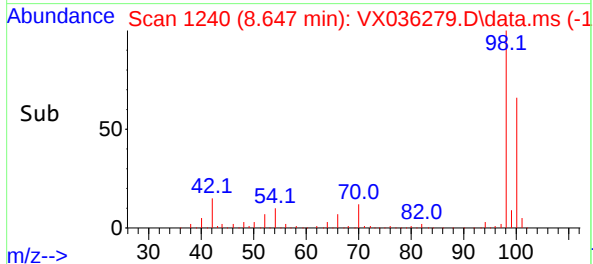
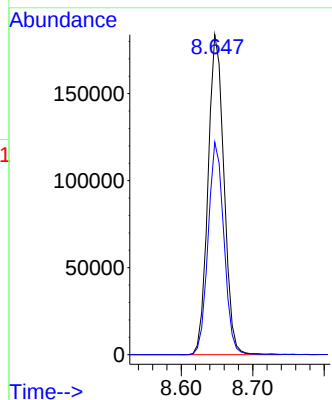
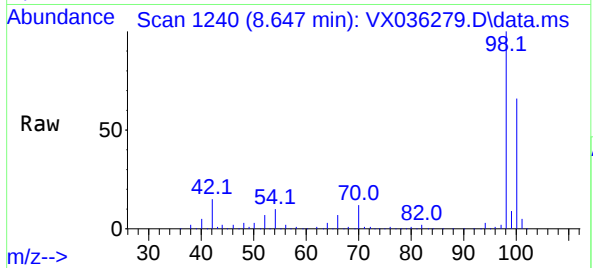




#50
Toluene-d8
Concen: 56.077 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

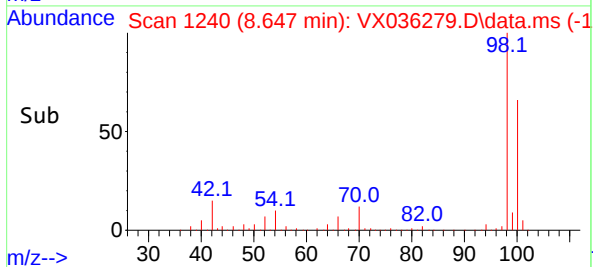
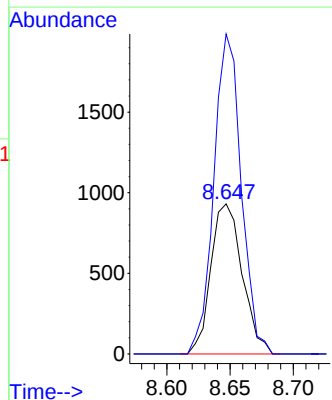
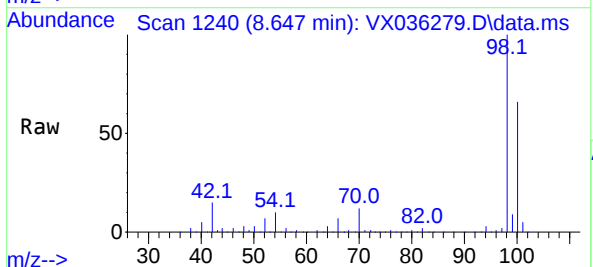
Instrument :
MSVOA_X
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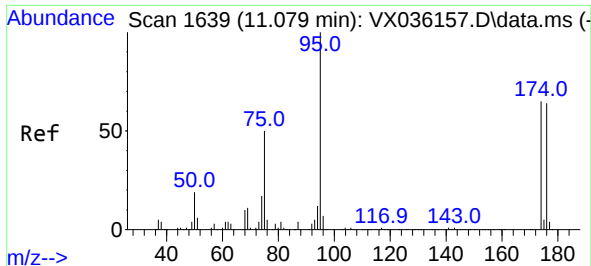
Tgt Ion: 98 Resp: 284641
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.698 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
58 186.0 30.4 45.6#

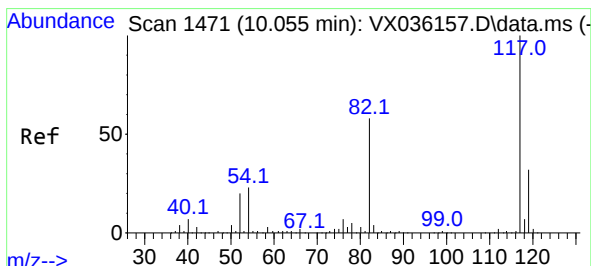
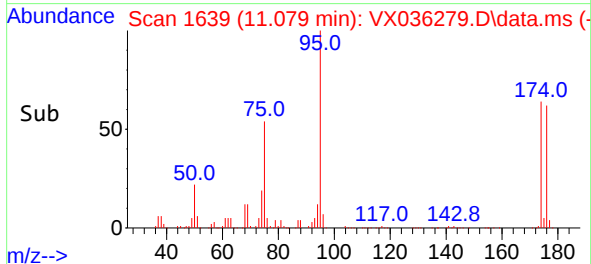
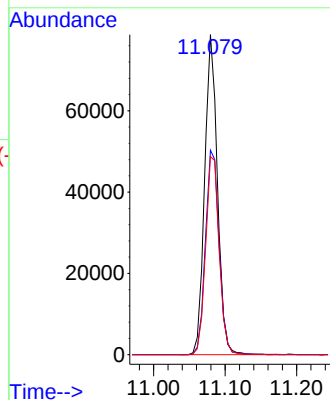
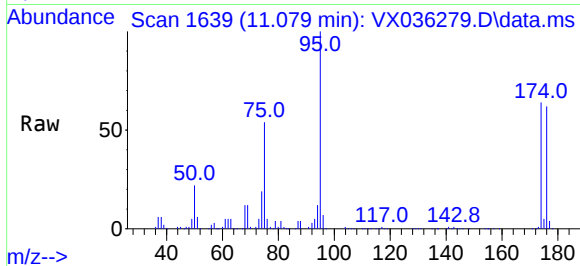




#62
4-Bromofluorobenzene
Concen: 47.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

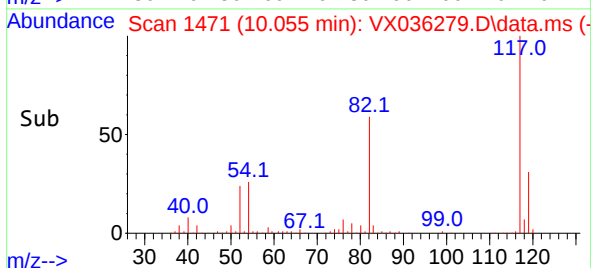
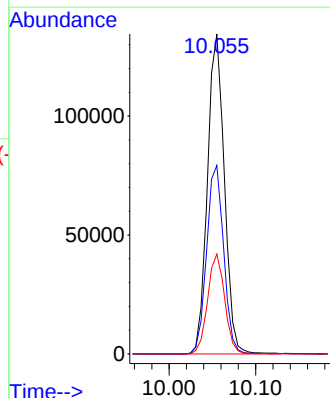
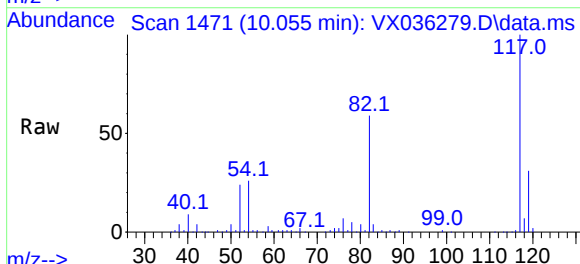
Instrument :
MSVOA_X
ClientSampleId :
FB02

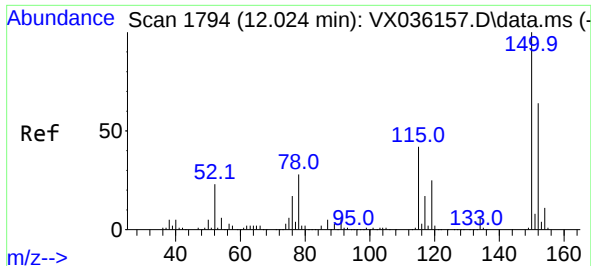
Tgt Ion: 95 Resp: 97774
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.6
176 65.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

Tgt Ion: 117 Resp: 182571
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.2 25.5 38.3

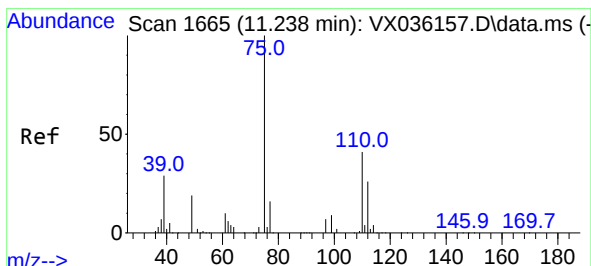
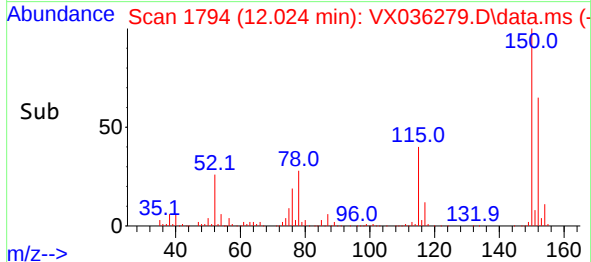
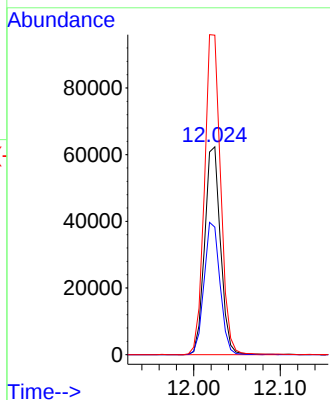
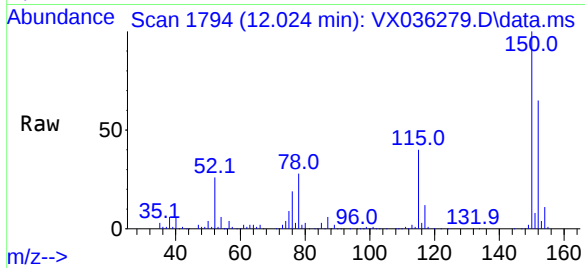




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

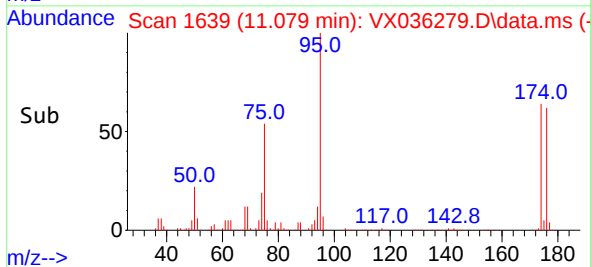
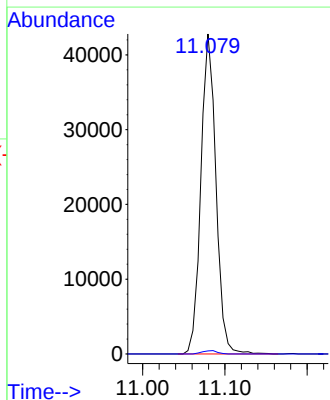
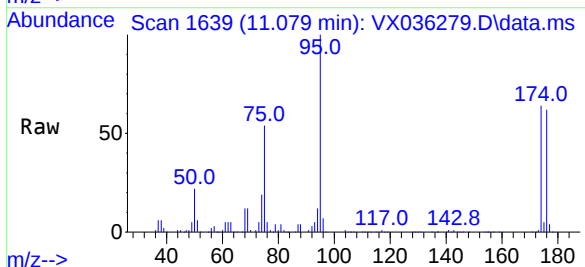
Instrument :
MSVOA_X
ClientSampleId :
FB02

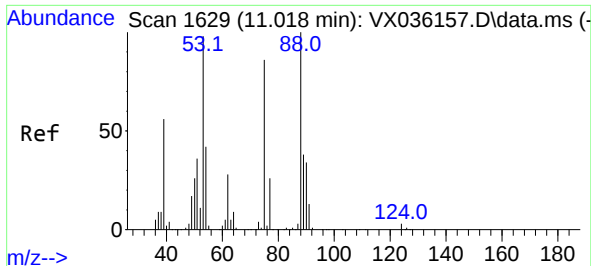
Tgt Ion:152 Resp: 79254
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 157.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 28.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036279.D
Acq: 21 Jun 2023 18:29

Tgt Ion: 75 Resp: 54407
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.246 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036279.D
 Acq: 21 Jun 2023 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02

Tgt Ion: 75 Resp: 54407
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

