

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035287.D
 Acq On : 25 Apr 2023 16:36
 Operator : JC/MD
 Sample : 02403-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1DL

Quant Time: Apr 25 17:08:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

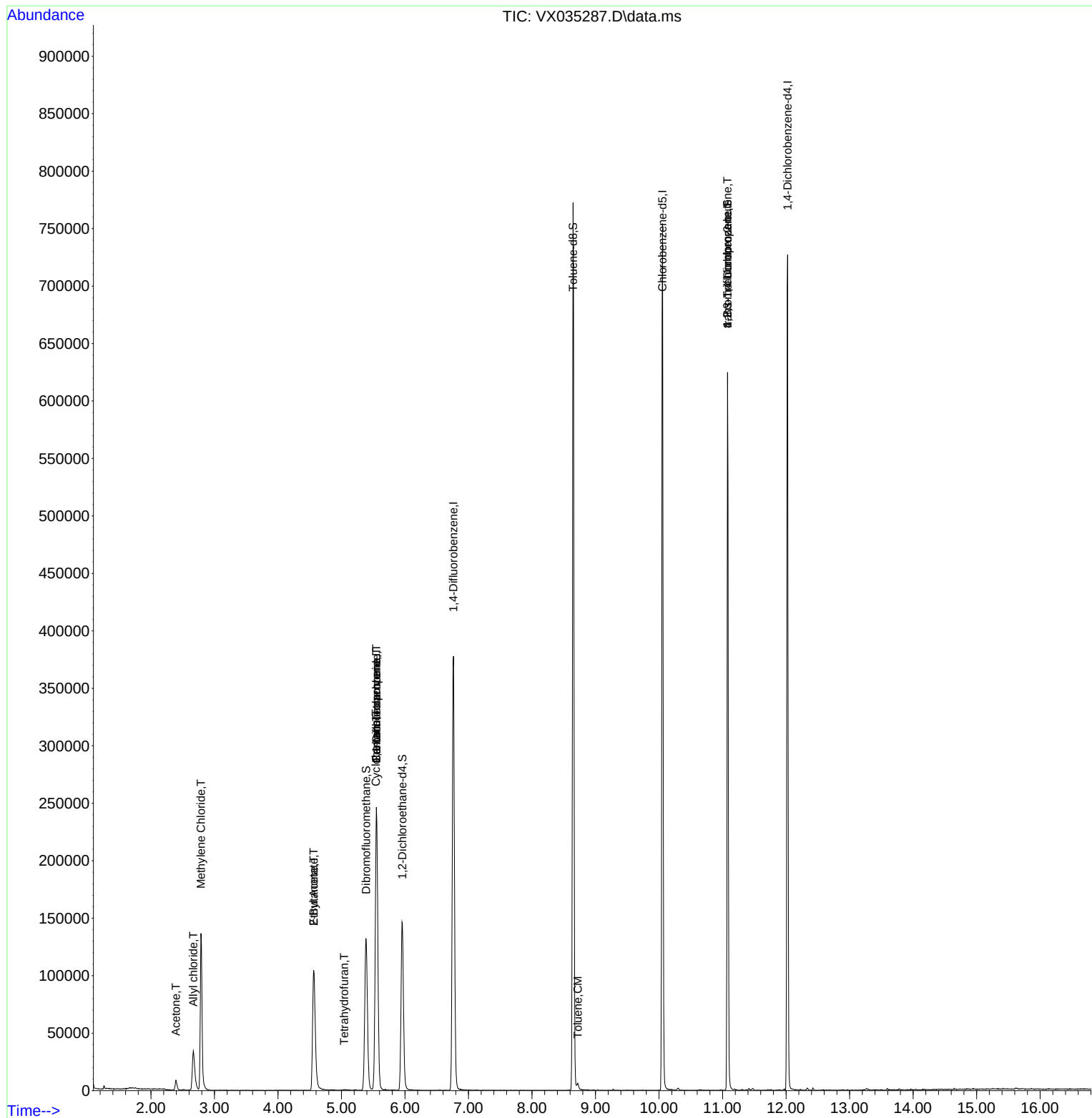
Internal Standards						
1) Pentafluorobenzene	5.550	168	241098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143527	49.344	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.680%
35) Dibromofluoromethane	5.385	113	118121	48.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	8.647	98	461764	50.349	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.700%
62) 4-Bromofluorobenzene	11.079	95	169732	49.197	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.400%
Target Compounds						
					Qvalue	
14) Allyl chloride	2.666	41	51099	12.400	ug/l #	42
16) Acetone	2.392	43	11334	8.972	ug/l	97
20) Methylene Chloride	2.788	84	66119	22.826	ug/l	95
25) 2-Butanone	4.562	43	201716	109.396	ug/l	97
29) Tetrahydrofuran	5.044	42	403	0.341	ug/l #	77
31) Cyclohexane	5.544	56	4539	1.100	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	17109	4.507	ug/l #	51
37) Ethyl Acetate	4.562	43	201716	58.179	ug/l #	70
38) Carbon Tetrachloride	5.550	117	23810	6.607	ug/l #	16
52) Toluene	8.720	92	2013	0.292	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	83384	26.177	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	83384	84.783	ug/l #	8

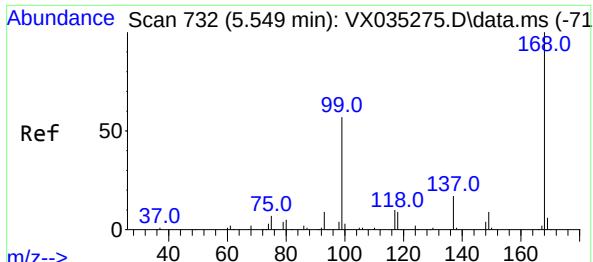
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

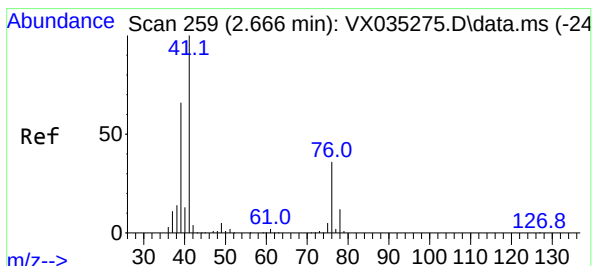
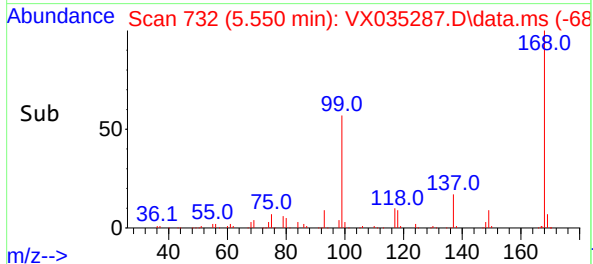
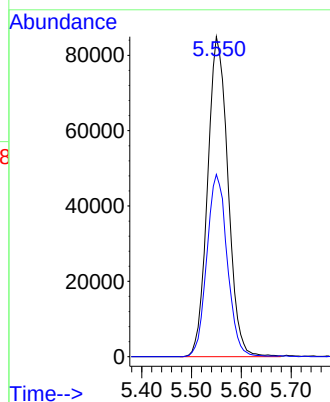
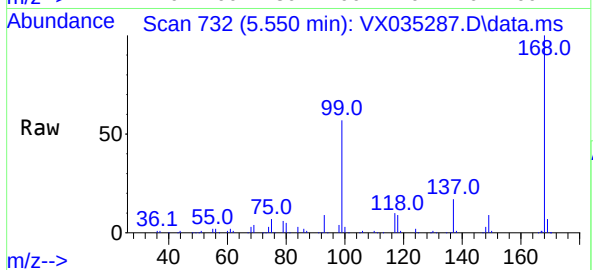




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

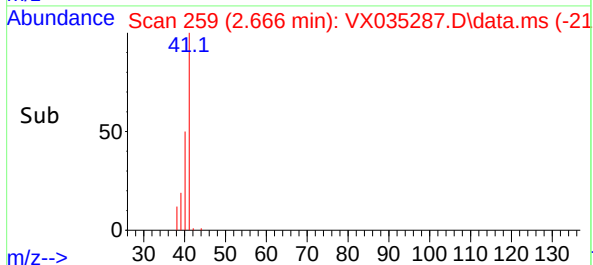
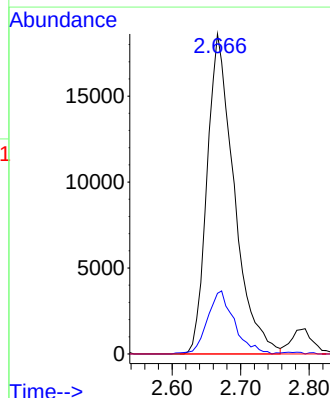
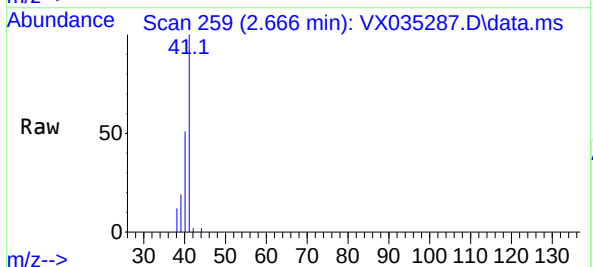
Instrument :
MSVOA_X
ClientSampleId :
COMP-1DL

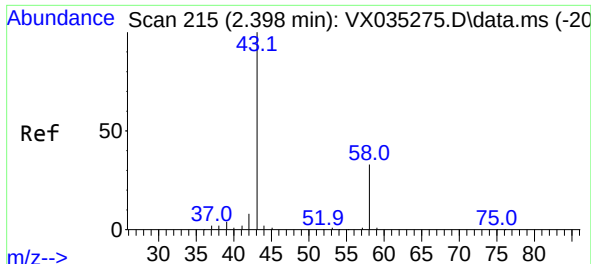
Tgt Ion:168 Resp: 241098
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#14
Allyl chloride
Concen: 12.400 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Tgt Ion: 41 Resp: 51099
Ion Ratio Lower Upper
41 100
39 19.6 52.4 78.6#
76 0.0 26.0 39.0#

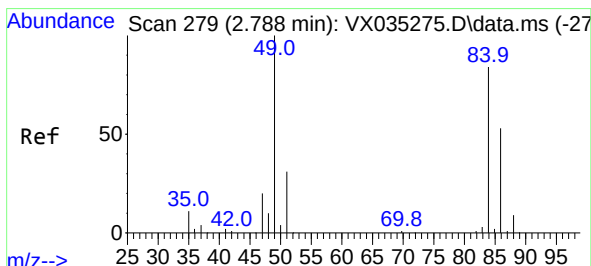
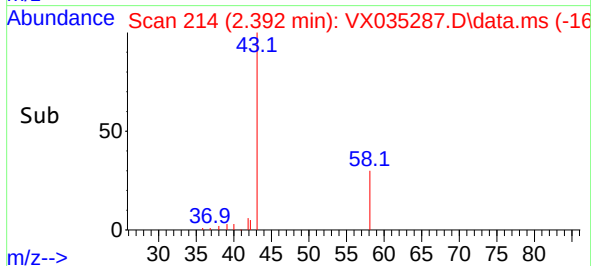
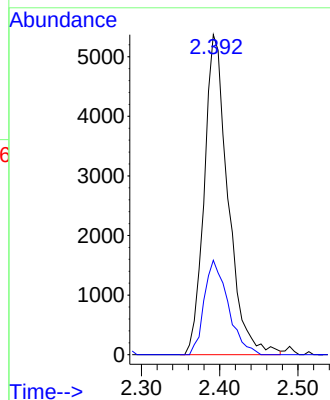
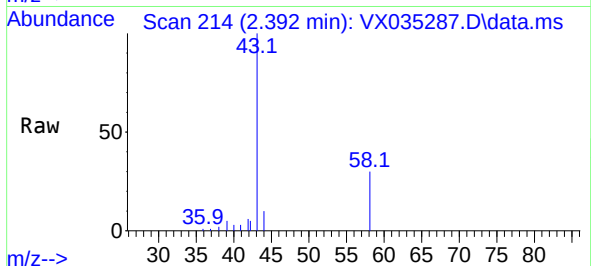




#16
Acetone
Concen: 8.972 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

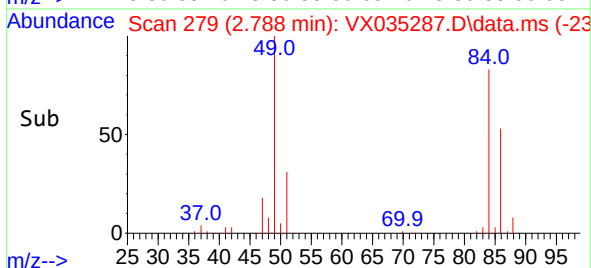
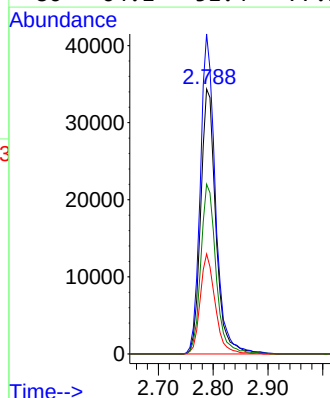
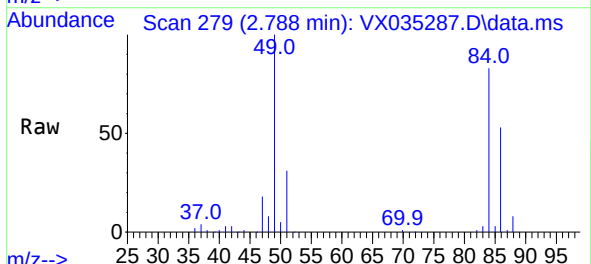
Instrument :
MSVOA_X
ClientSampleId :
COMP-1DL

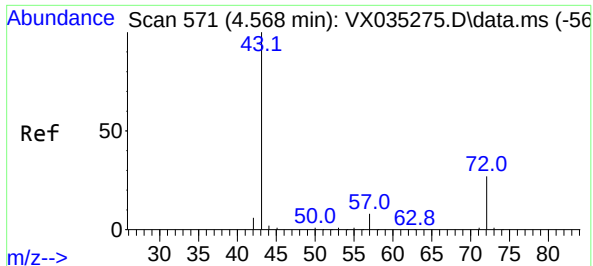
Tgt Ion: 43 Resp: 11334
Ion Ratio Lower Upper
43 100
58 29.5 24.7 37.1



#20
Methylene Chloride
Concen: 22.826 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Tgt Ion: 84 Resp: 66119
Ion Ratio Lower Upper
84 100
49 120.8 103.8 155.8
51 37.7 31.8 47.8
86 64.1 51.4 77.2

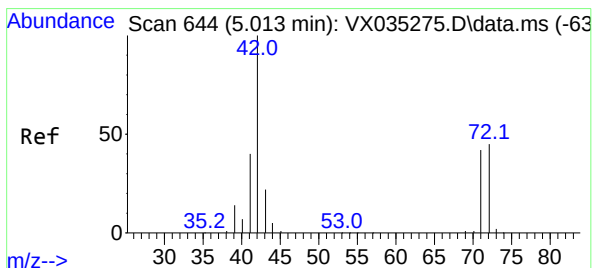
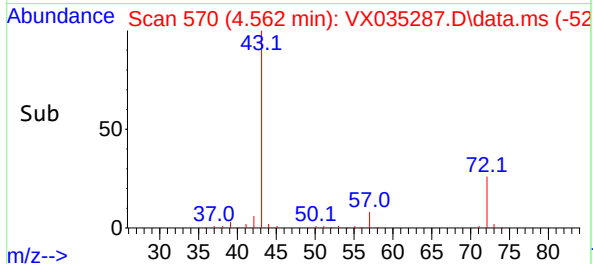
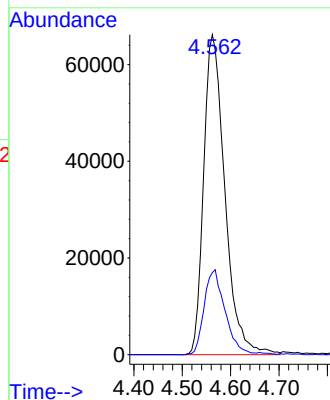
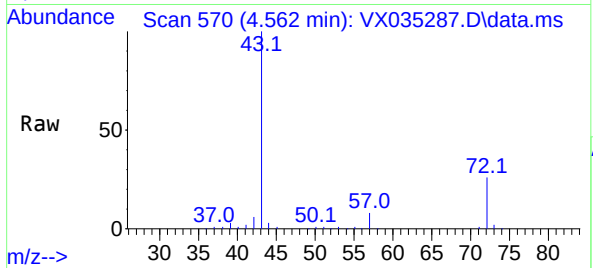




#25
2-Butanone
Concen: 109.396 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

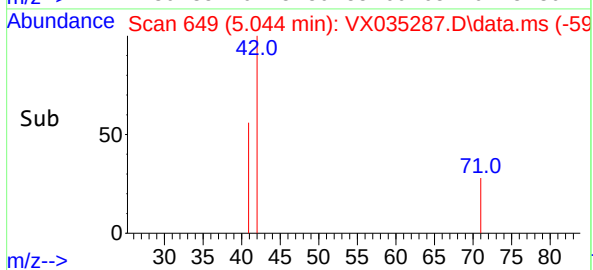
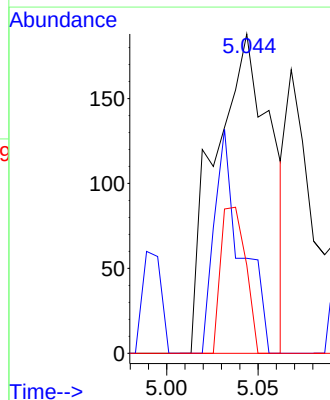
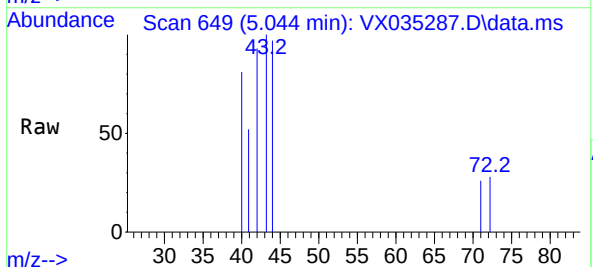
Instrument :
MSVOA_X
ClientSampleId :
COMP-1DL

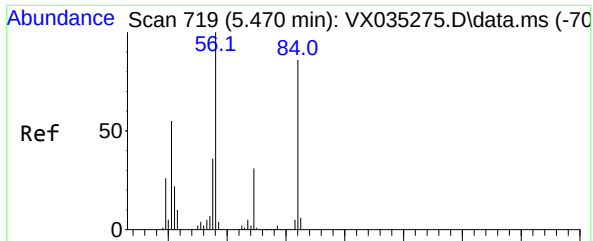
Tgt Ion: 43 Resp: 201716
Ion Ratio Lower Upper
43 100
72 25.7 19.3 28.9



#29
Tetrahydrofuran
Concen: 0.341 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

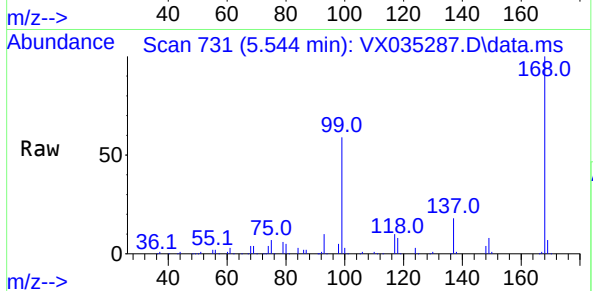
Tgt Ion: 42 Resp: 403
Ion Ratio Lower Upper
42 100
72 33.7 34.5 51.7#
71 20.3 32.1 48.1#



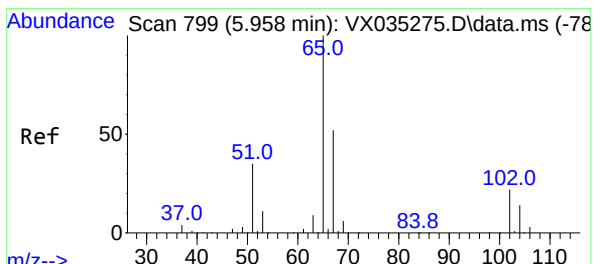
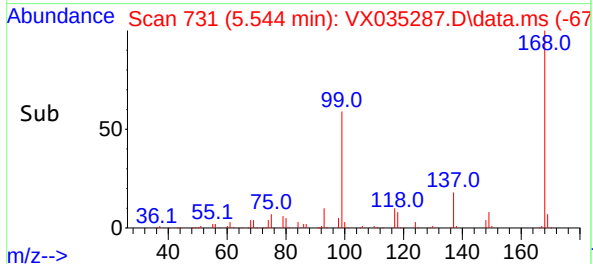
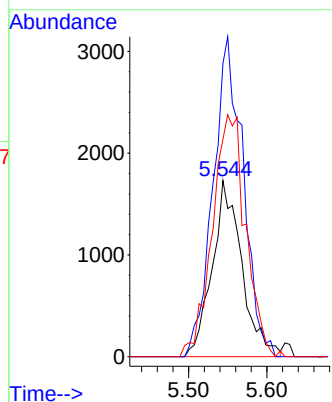


#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :
COMP-1DL

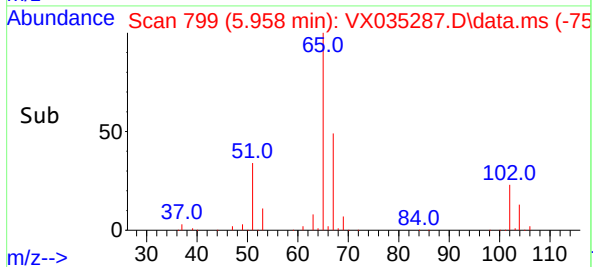
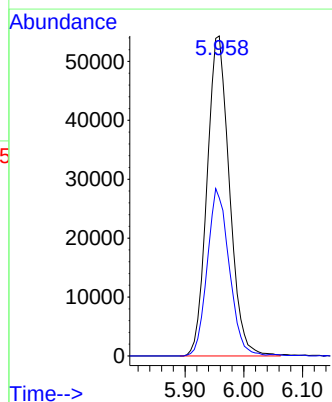
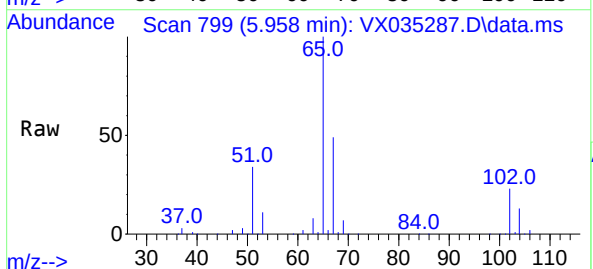


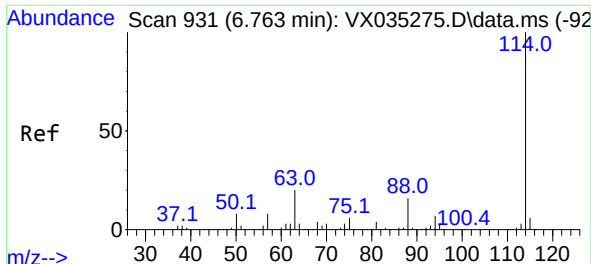
Tgt Ion: 56 Resp: 4539
Ion Ratio Lower Upper
56 100
69 166.3 23.7 35.5#
84 123.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.344 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Tgt Ion: 65 Resp: 143527
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

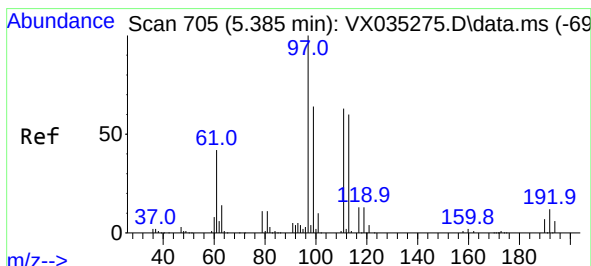
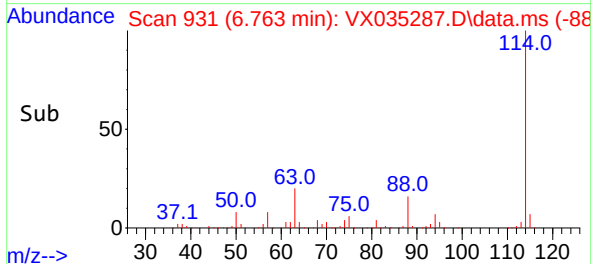
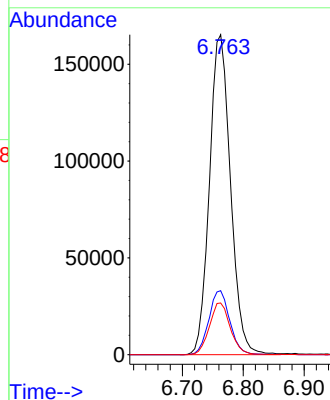
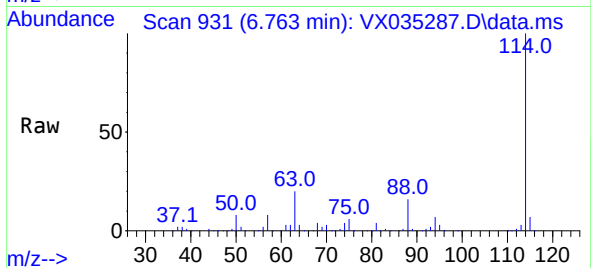




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

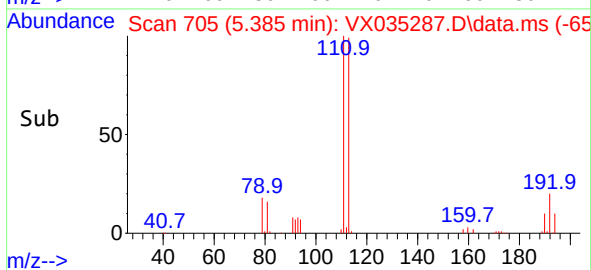
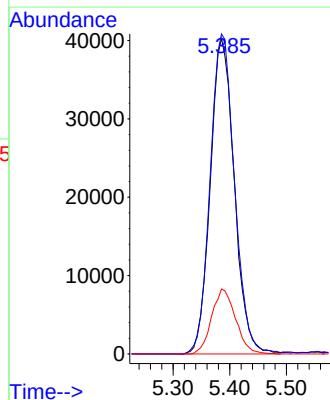
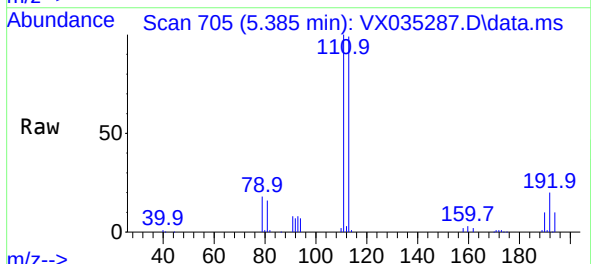
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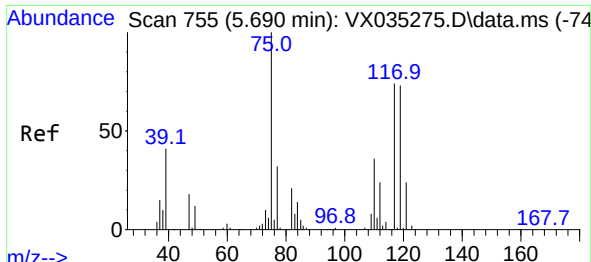
Tgt Ion:114 Resp: 396106
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.586 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Tgt Ion:113 Resp: 118121
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 20.6 15.4 23.2

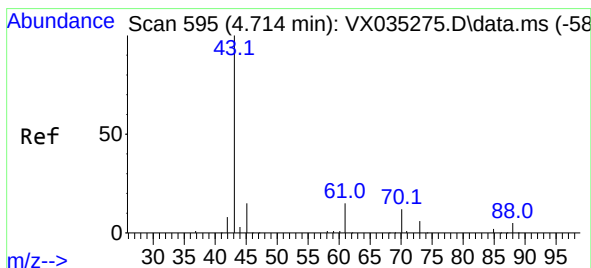
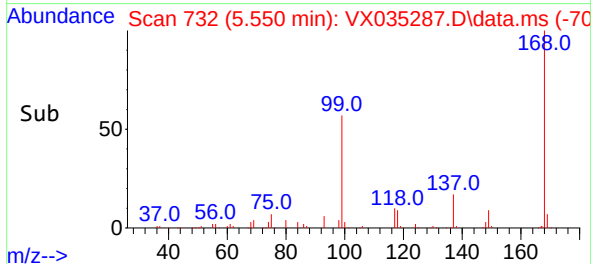
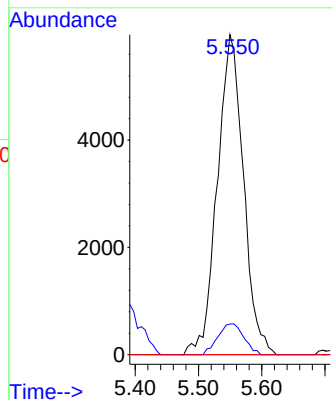
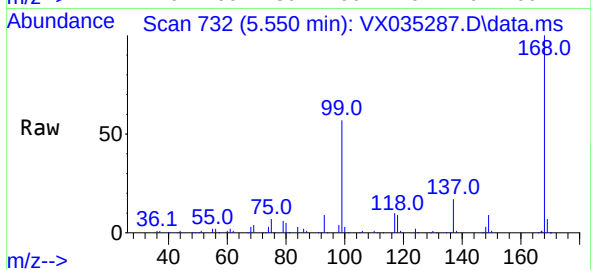




#36
1,1-Dichloropropene
Concen: 4.507 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

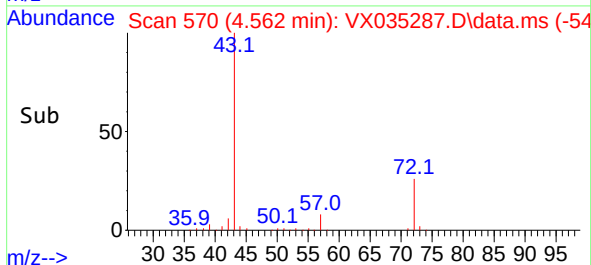
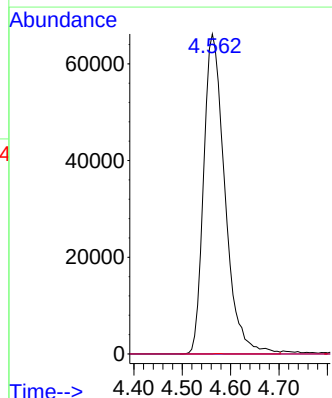
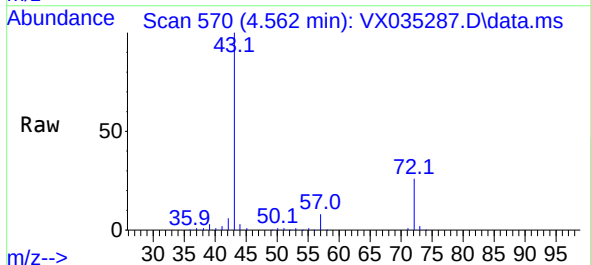
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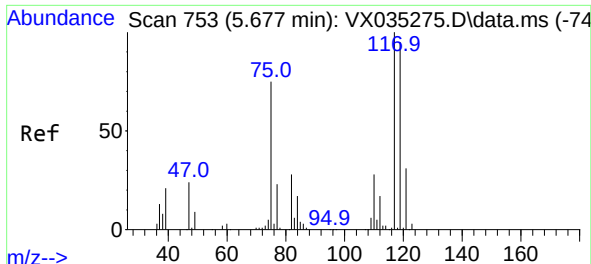
Tgt Ion: 75 Resp: 17109
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 58.179 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.152 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Tgt Ion: 43 Resp: 201716
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 0.0 8.2 12.4#

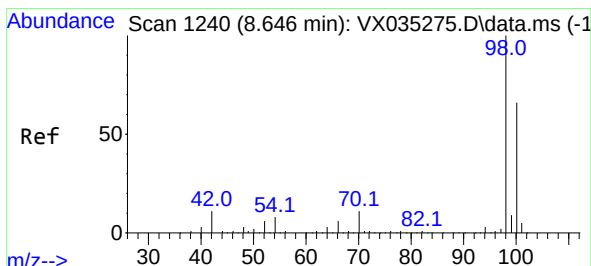
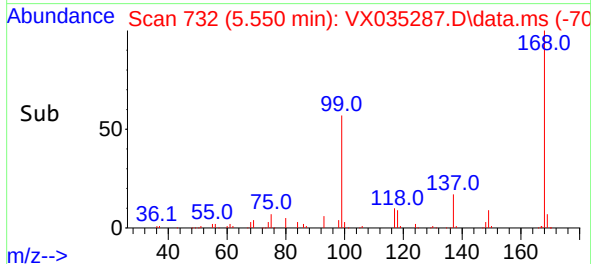
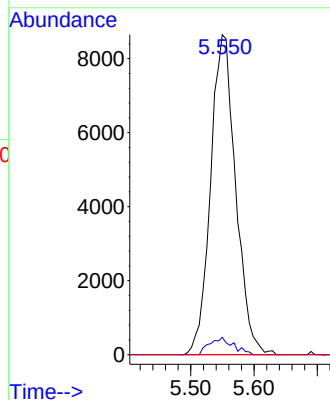
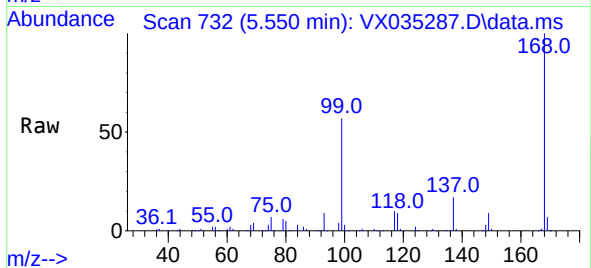




#38
Carbon Tetrachloride
Concen: 6.607 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

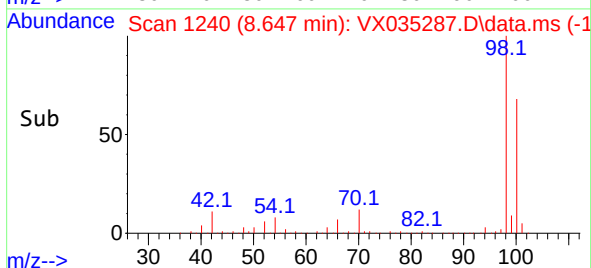
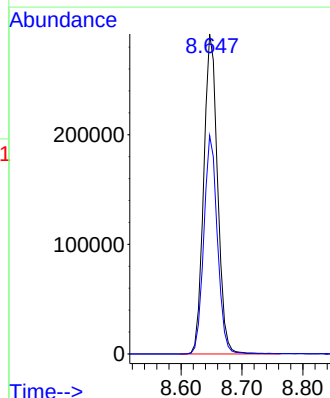
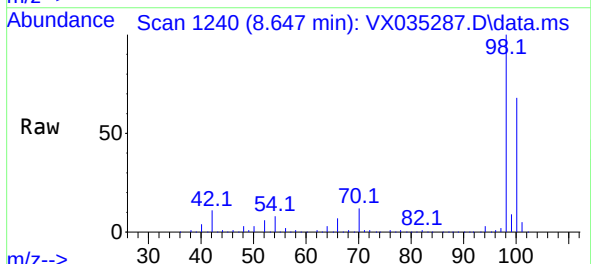
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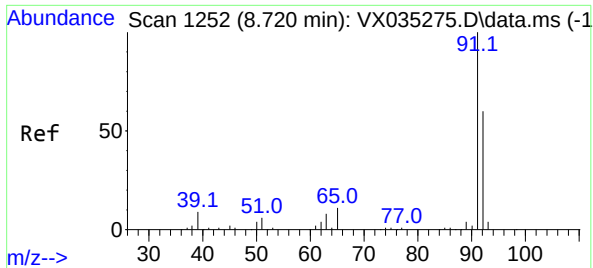
Tgt Ion:117 Resp: 23810
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.349 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Tgt Ion: 98 Resp: 461764
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

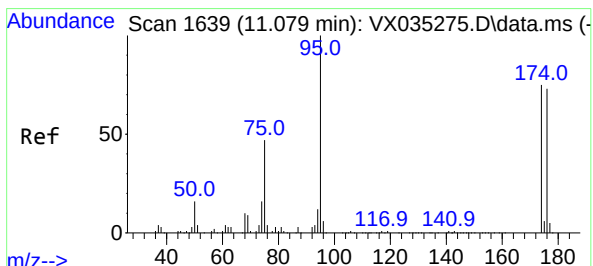
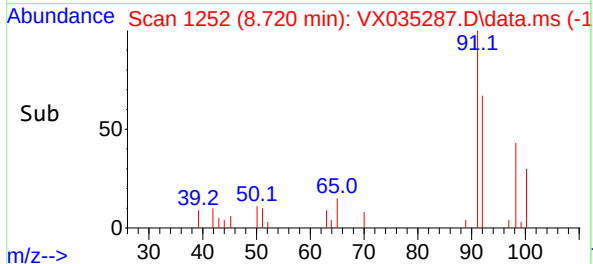
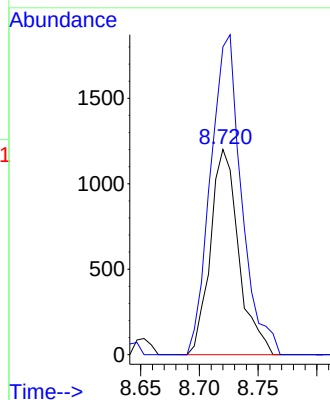
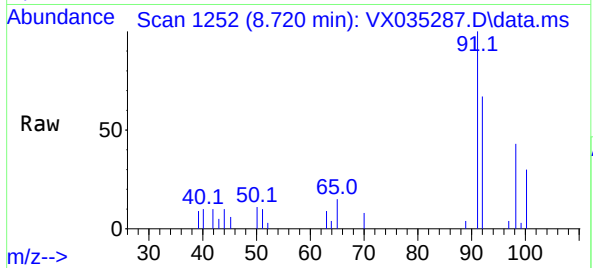




#52
Toluene
Concen: 0.292 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

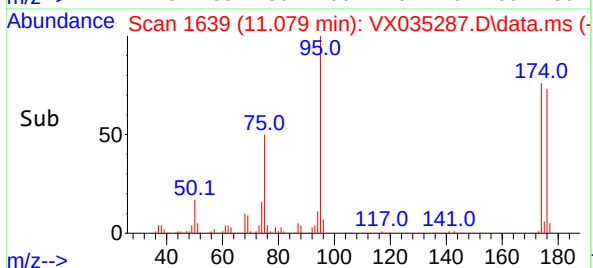
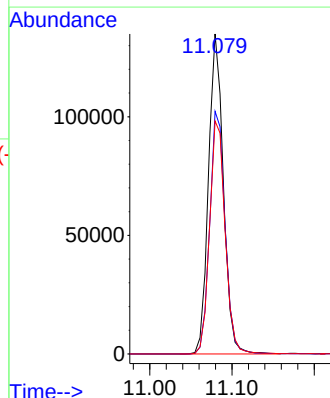
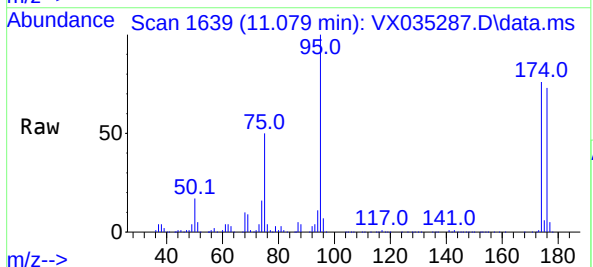
Instrument :
MSVOA_X
ClientSampleId :
COMP-1DL

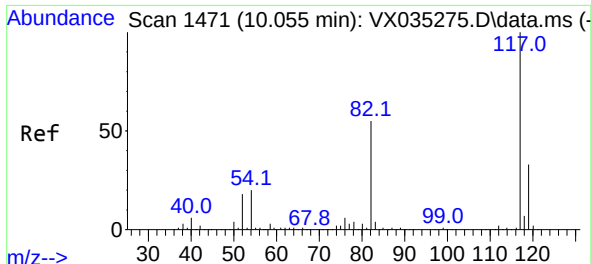
Tgt Ion: 92 Resp: 2013
Ion Ratio Lower Upper
92 100
91 170.5 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 49.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Tgt Ion: 95 Resp: 169732
Ion Ratio Lower Upper
95 100
174 78.1 0.0 147.4
176 76.3 0.0 140.6

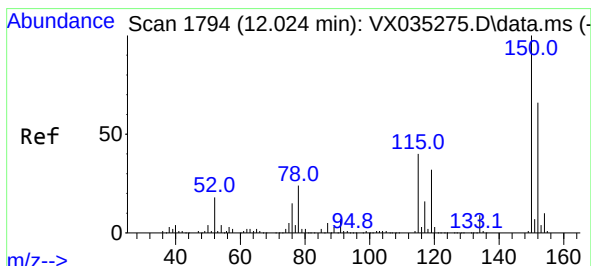
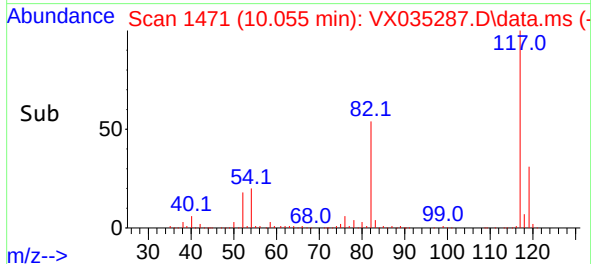
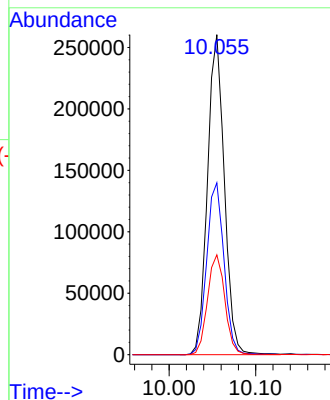
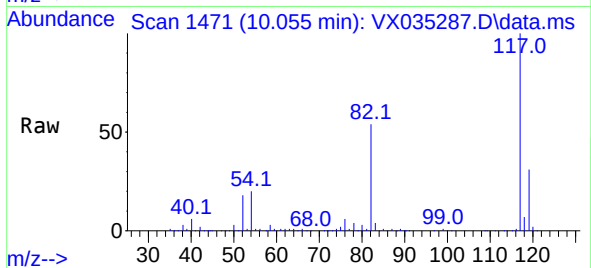




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

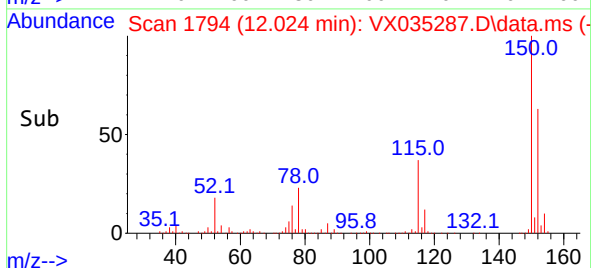
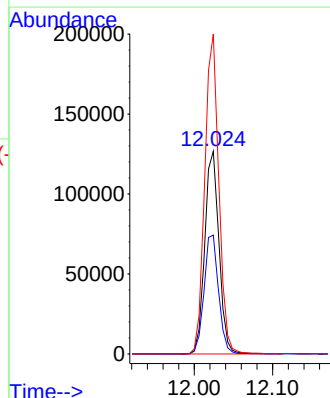
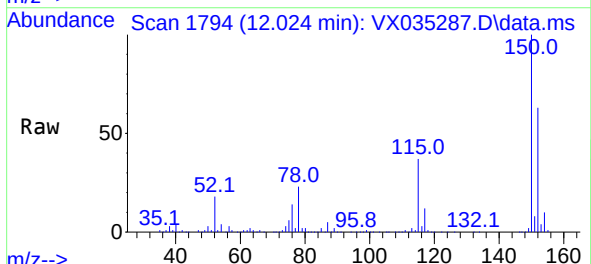
Instrument :
MSVOA_X
ClientSampleId :
COMP-1DL

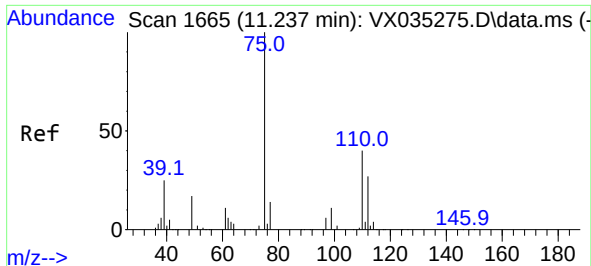
Tgt Ion:117 Resp: 352224
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 31.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Tgt Ion:152 Resp: 159685
Ion Ratio Lower Upper
152 100
115 60.1 45.0 135.0
150 155.9 0.0 352.4

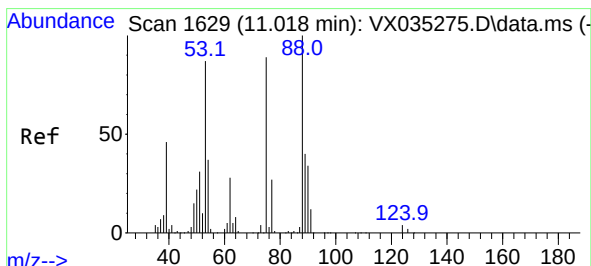
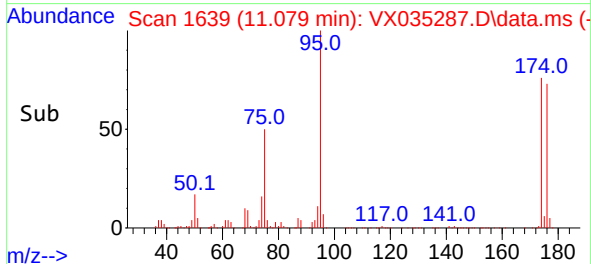
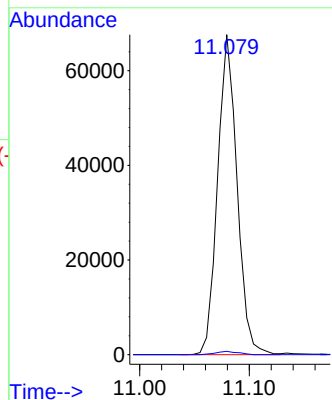
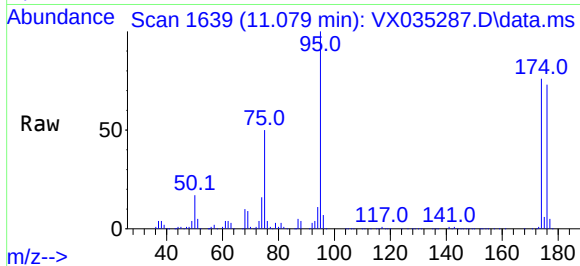




#76
1,2,3-Trichloropropane
Concen: 26.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :
COMP-1DL

Tgt Ion: 75 Resp: 83384
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035287.D
Acq: 25 Apr 2023 16:36

Tgt Ion: 75 Resp: 83384
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

