

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036782.D
 Acq On : 02 Aug 2023 19:53
 Operator : JC/MD
 Sample : 03881-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50109

Quant Time: Aug 03 07:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

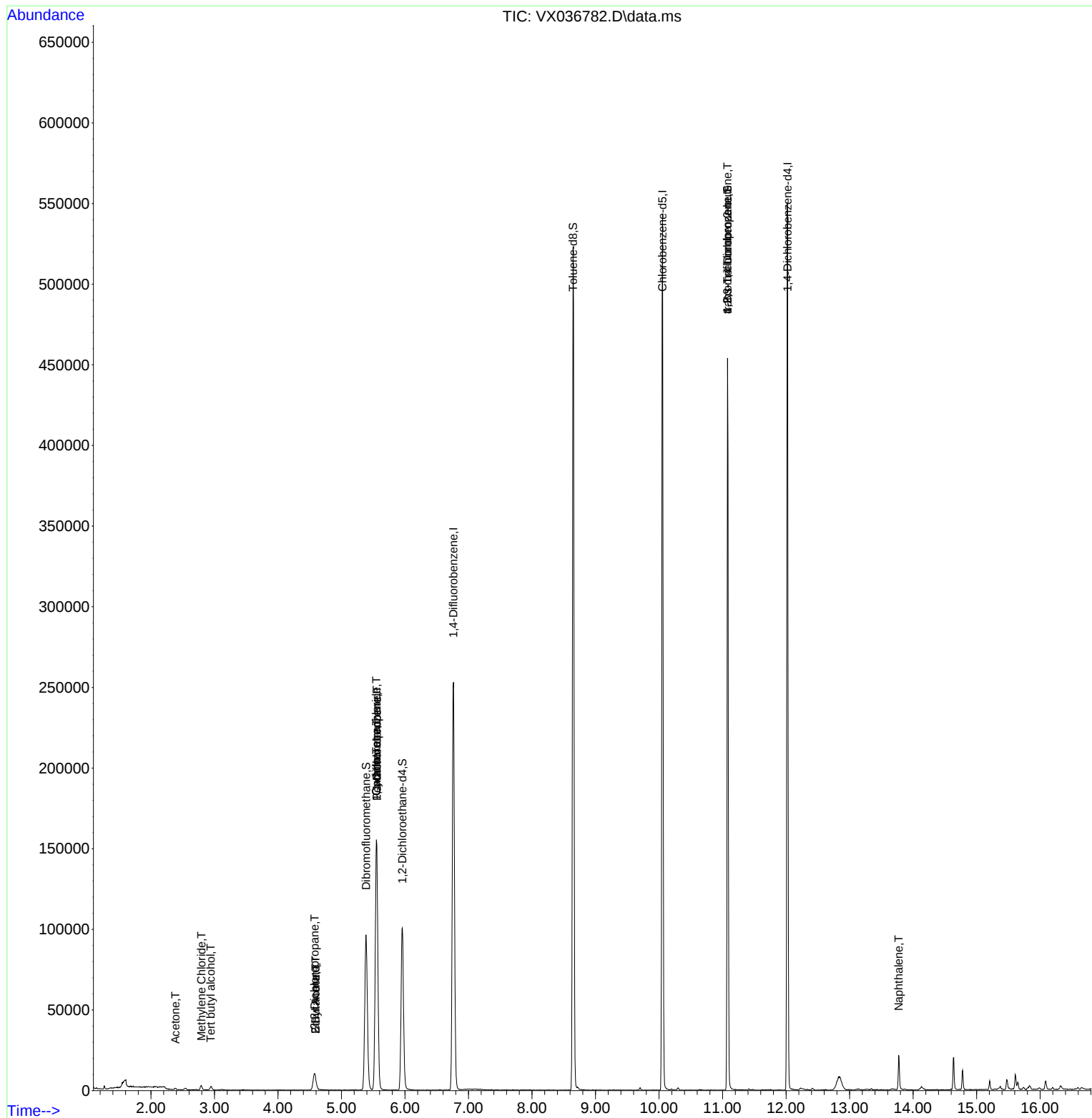
Internal Standards						
1) Pentafluorobenzene	5.556	168	144960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98695	46.014	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.385	113	83625	45.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.980%
50) Toluene-d8	8.647	98	315609	48.942	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.880%
62) 4-Bromofluorobenzene	11.079	95	120936	49.707	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1563	3.078	ug/l #	78
16) Acetone	2.386	43	1157	1.300	ug/l #	86
20) Methylene Chloride	2.794	84	1456	0.736	ug/l	85
25) 2-Butanone	4.593	43	859	0.595	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	882	0.275	ug/l #	54
31) Cyclohexane	5.550	56	3398	1.144	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11979	4.420	ug/l #	51
37) Ethyl Acetate	4.593	43	859	0.280	ug/l #	69
38) Carbon Tetrachloride	5.550	117	15312	5.314	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	62669	23.516	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62669	53.300	ug/l #	5
95) Naphthalene	13.774	128	15132	1.847	ug/l	98

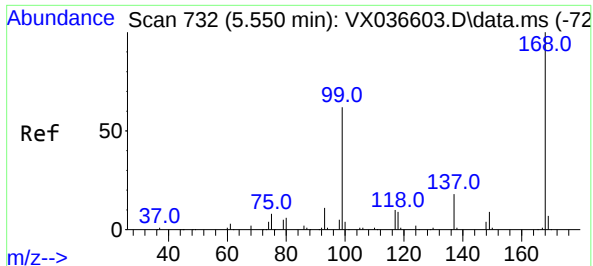
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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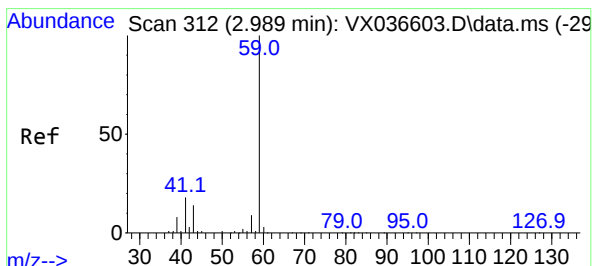
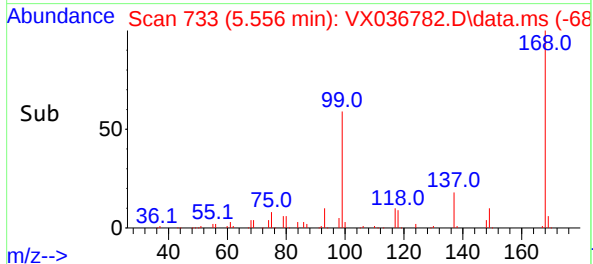
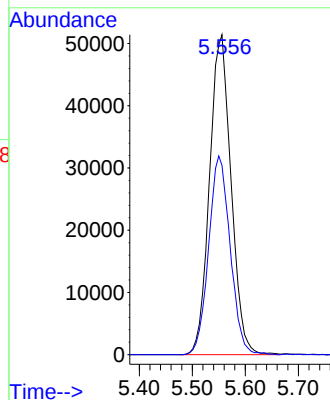
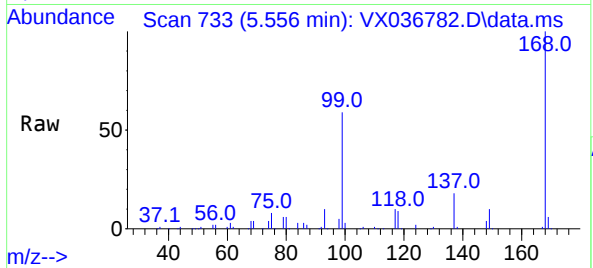




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

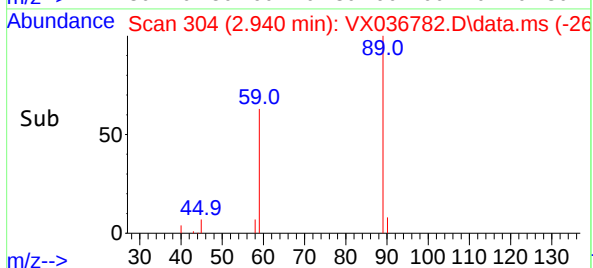
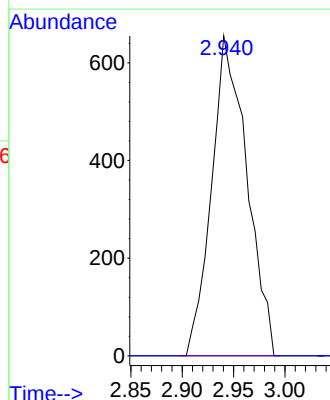
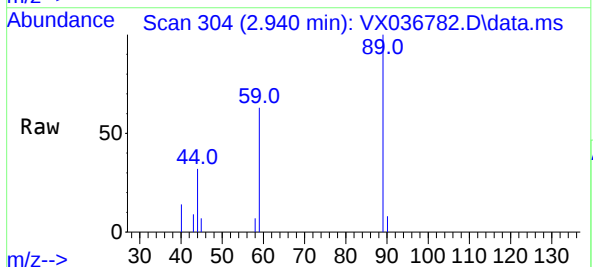
Instrument :
MSVOA_X
ClientSampleId :
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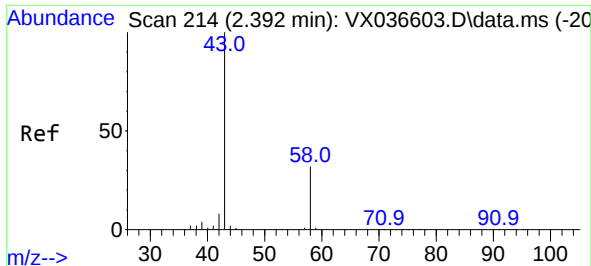
Tgt Ion:168 Resp: 144960
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.078 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 59 Resp: 1563
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

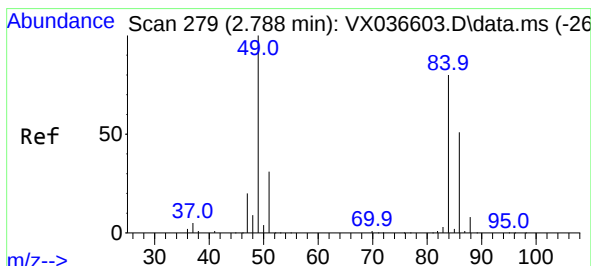
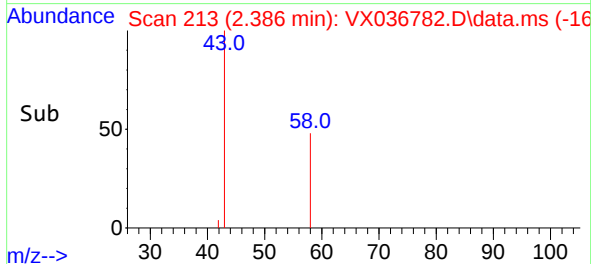
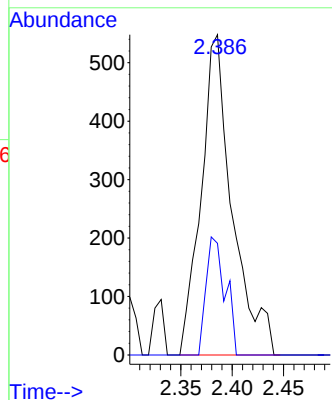
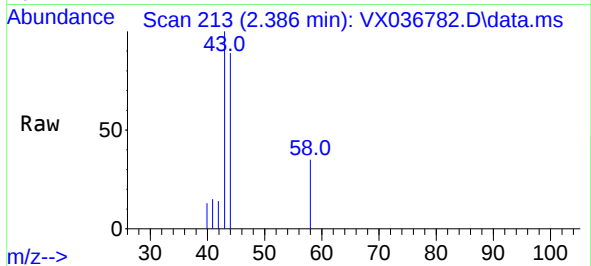




#16
Acetone
Concen: 1.300 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

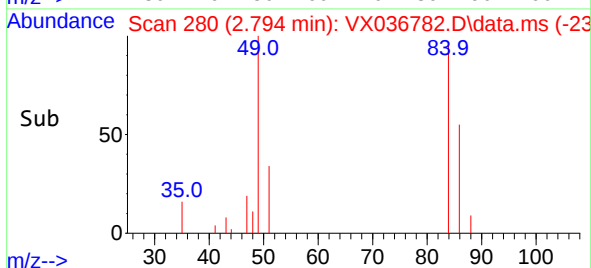
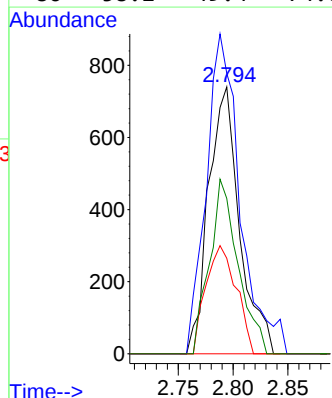
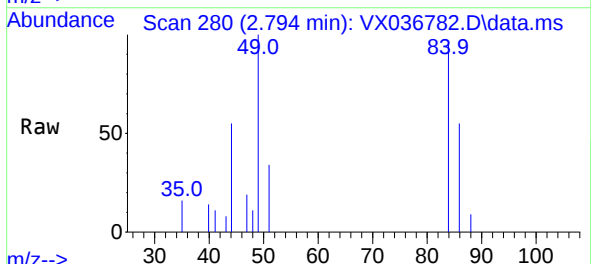
Instrument :
MSVOA_X
ClientSampleId :
50109

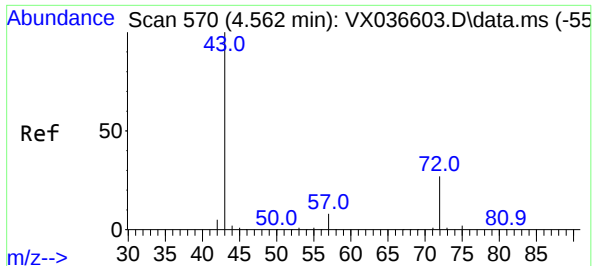
Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
58 34.9 21.9 32.9#



#20
Methylene Chloride
Concen: 0.736 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 84 Resp: 1456
Ion Ratio Lower Upper
84 100
49 105.1 103.6 155.4
51 35.8 33.8 50.6
86 58.2 49.4 74.0





#25

2-Butanone

Concen: 0.595 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX036782.D

Acq: 02 Aug 2023 19:53

Instrument :

MSVOA_X

ClientSampleId :

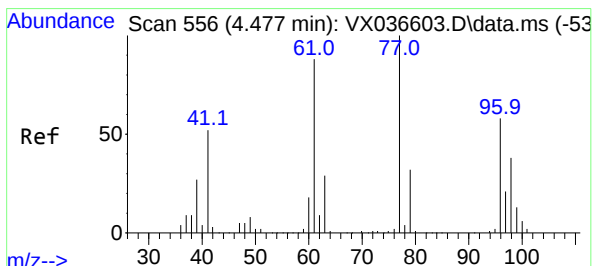
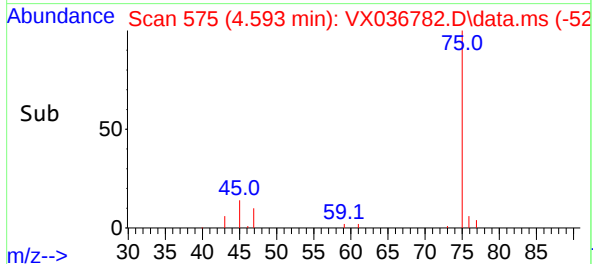
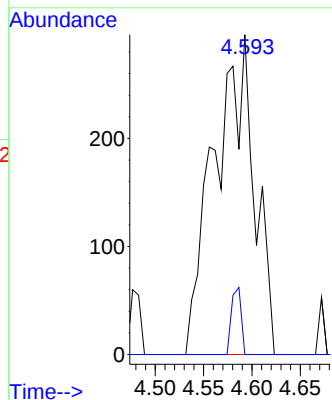
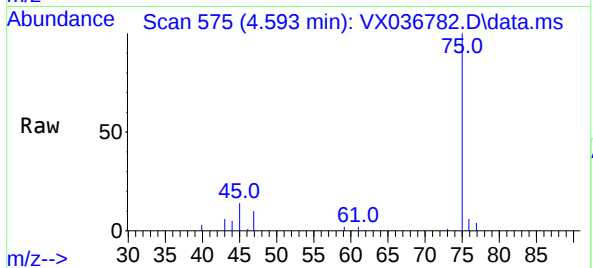
50109

Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.275 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.098 min

Lab File: VX036782.D

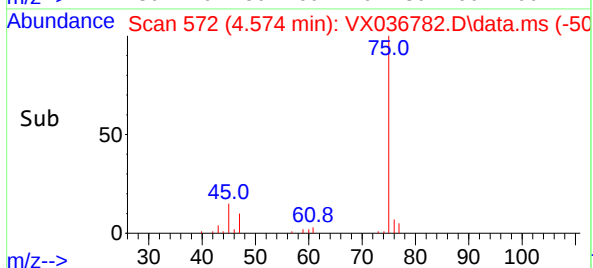
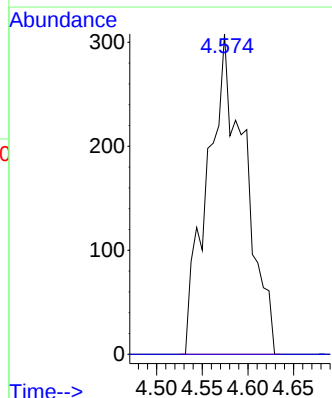
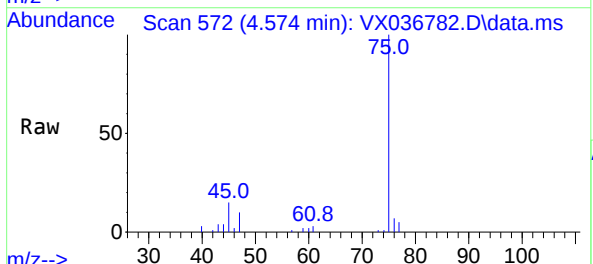
Acq: 02 Aug 2023 19:53

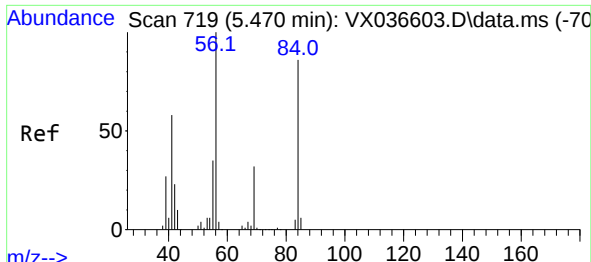
Tgt Ion: 77 Resp: 882

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#

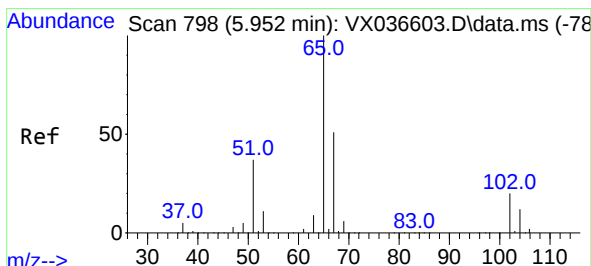
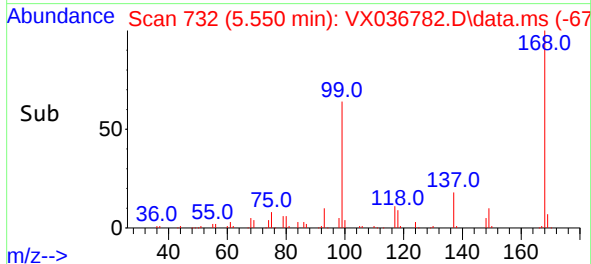
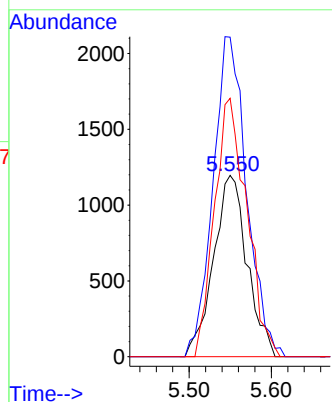
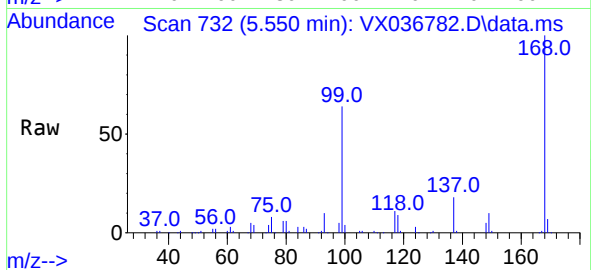




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

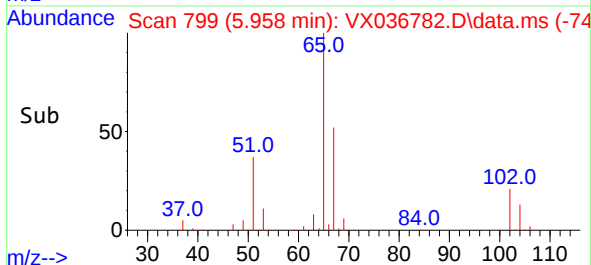
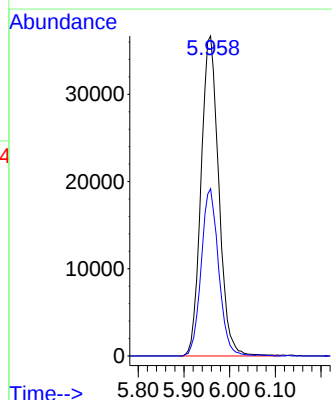
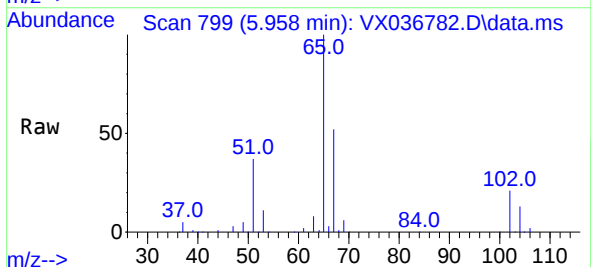
Instrument :
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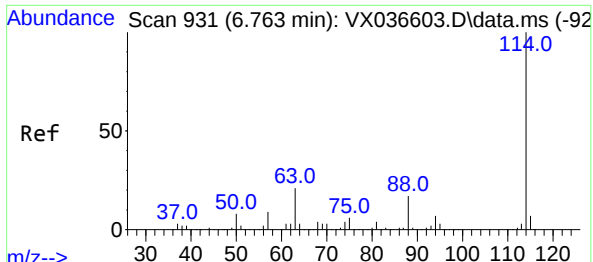
Tgt Ion: 56 Resp: 3398
Ion Ratio Lower Upper
56 100
69 176.3 23.4 35.2#
84 142.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.014 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 65 Resp: 98695
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

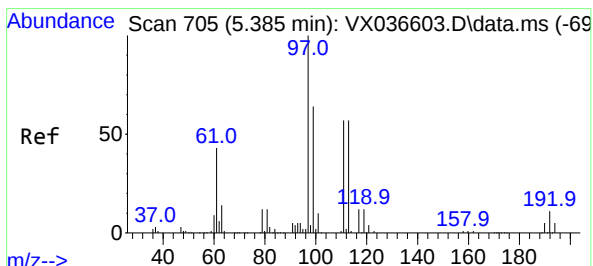
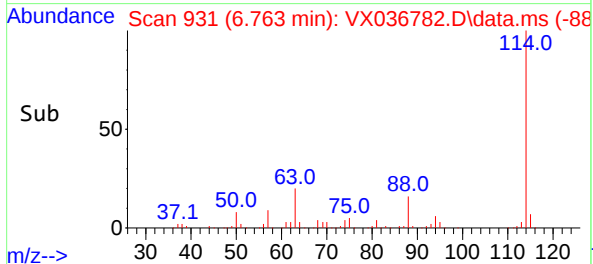
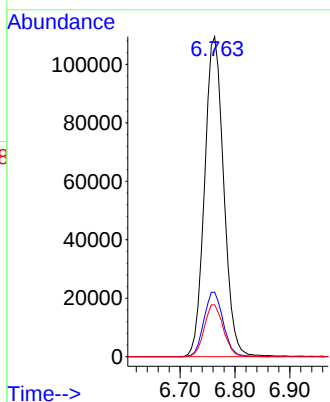
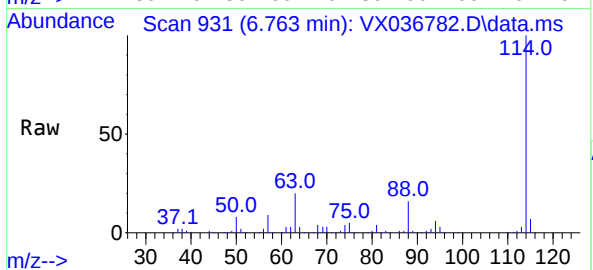




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

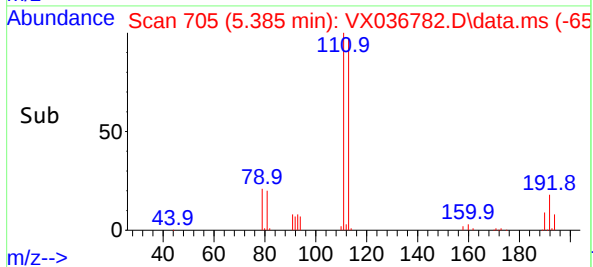
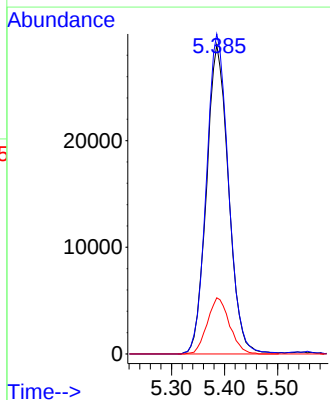
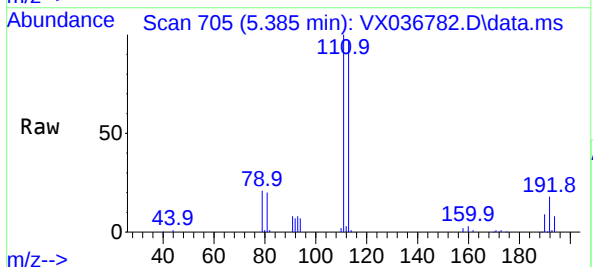
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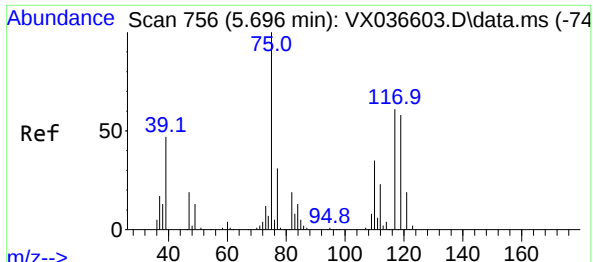
Tgt Ion:114 Resp: 264562
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.987 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion:113 Resp: 83625
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.3 13.3 19.9

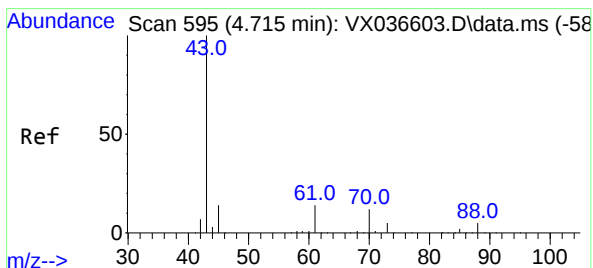
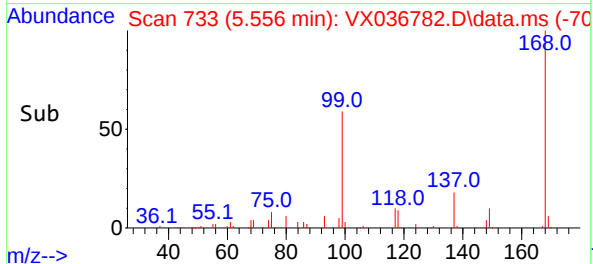
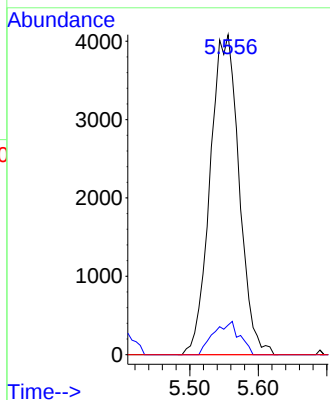
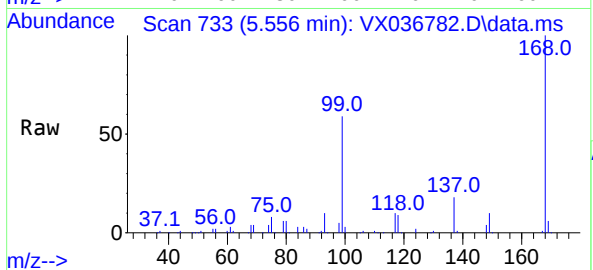




#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

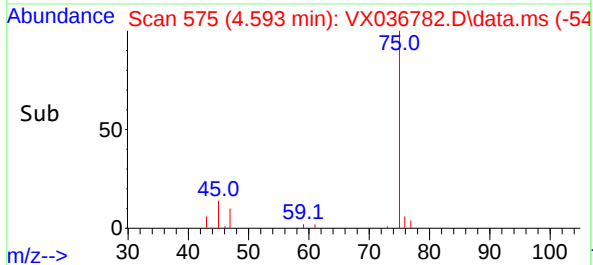
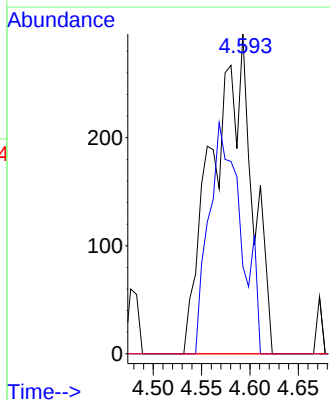
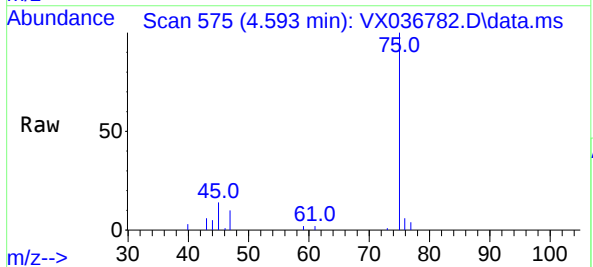
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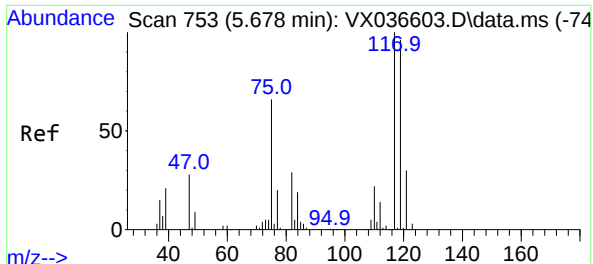
Tgt Ion: 75 Resp: 11979
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.280 ug/l
RT: 4.593 min Scan# 575
Delta R.T. -0.122 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

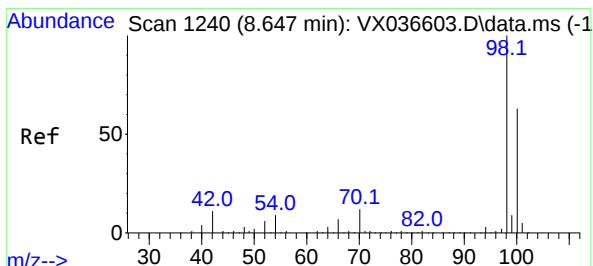
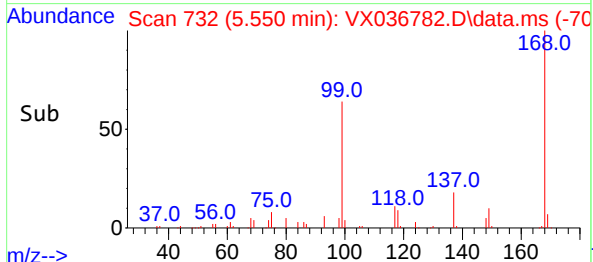
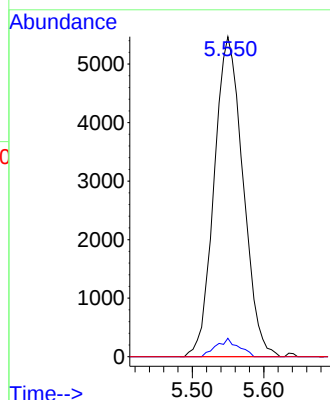
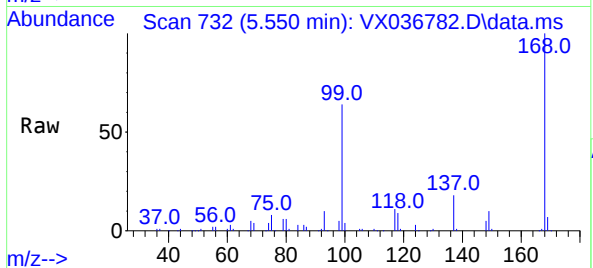




#38
Carbon Tetrachloride
Concen: 5.314 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

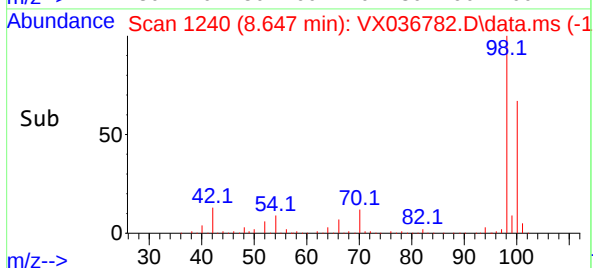
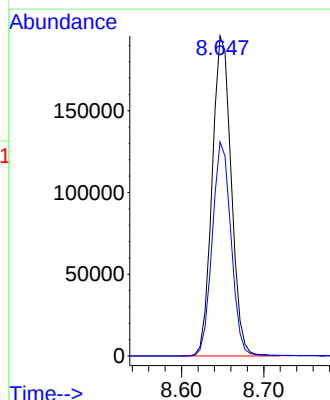
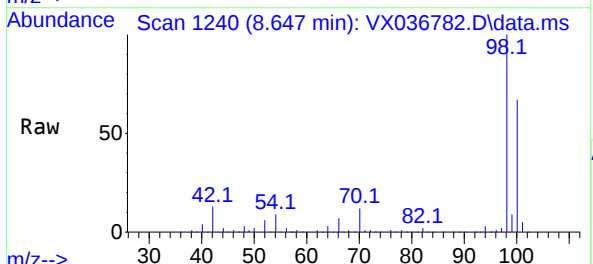
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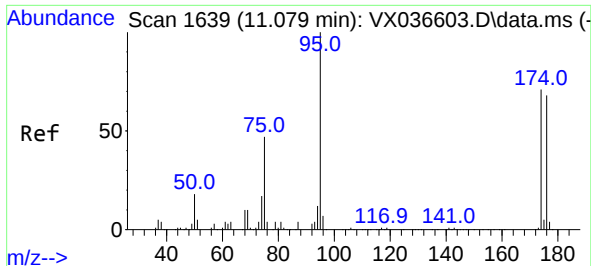
Tgt Ion:117 Resp: 15312
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.942 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 98 Resp: 315609
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

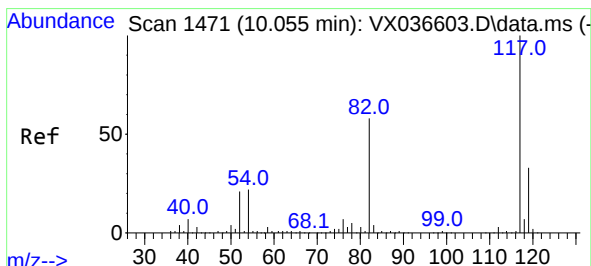
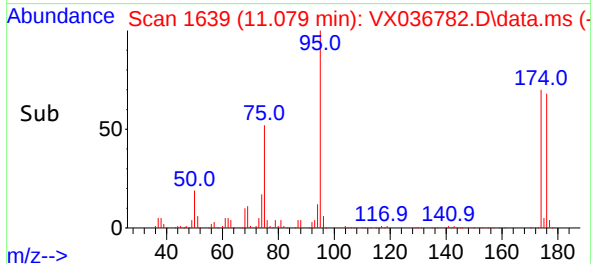
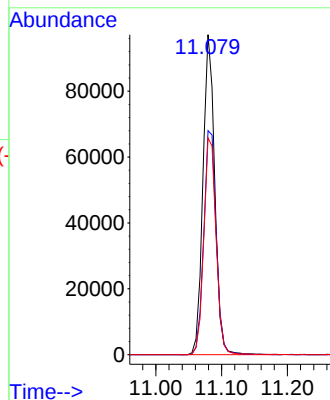
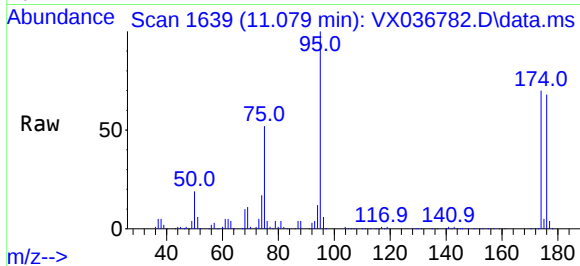




#62
4-Bromofluorobenzene
Concen: 49.707 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

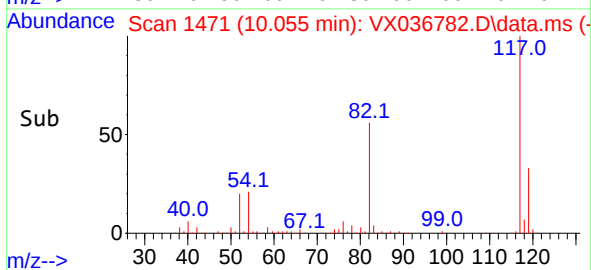
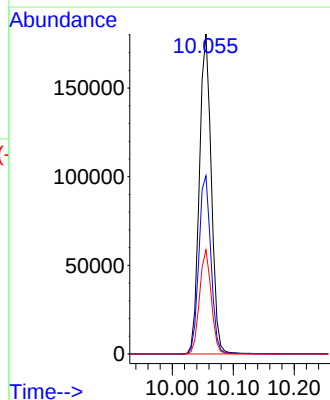
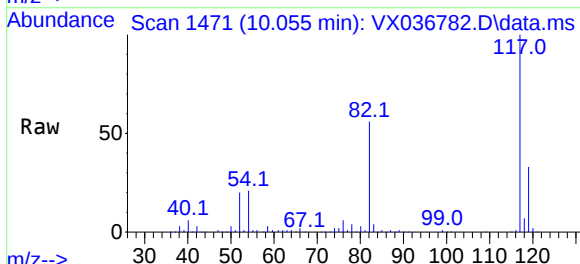
Instrument :
MSVOA_X
ClientSampleId :
50109

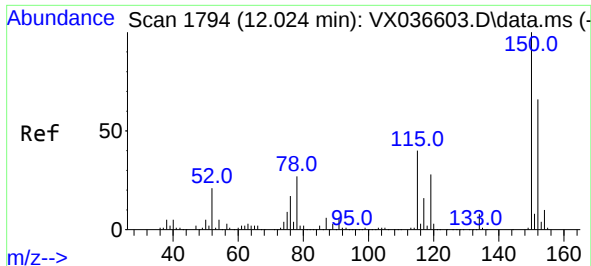
Tgt Ion: 95 Resp: 120936
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 117 Resp: 245590
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.6 25.5 38.3

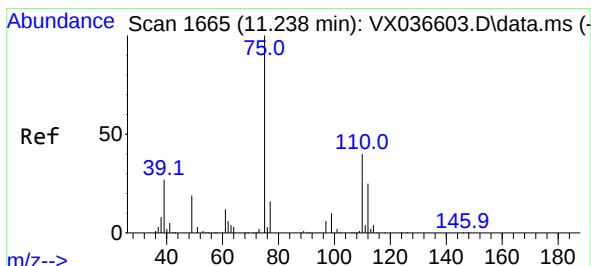
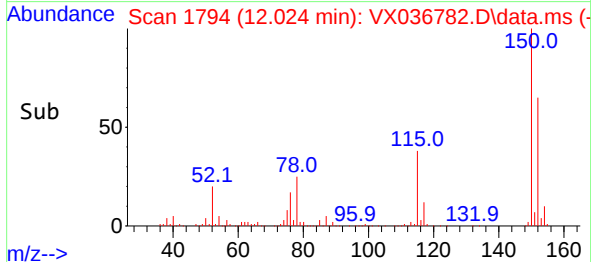
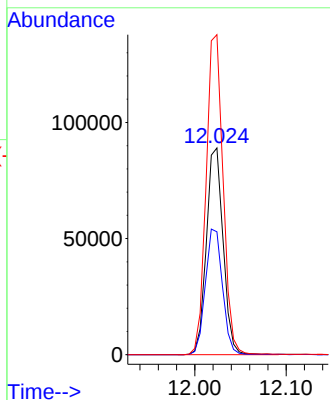
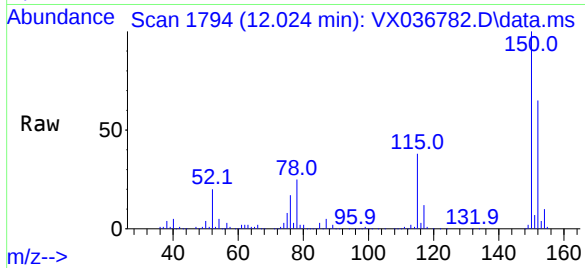




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

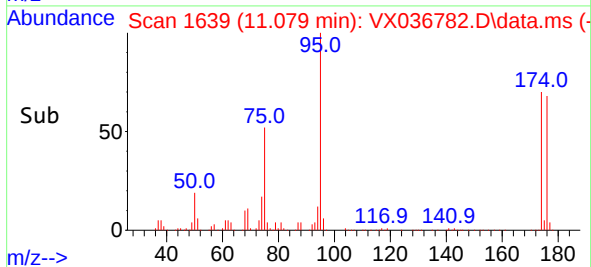
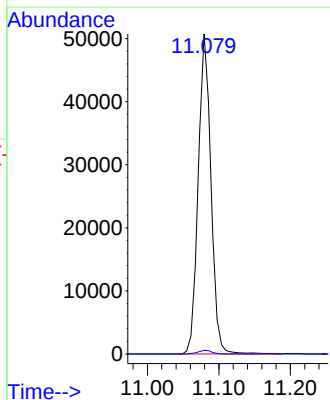
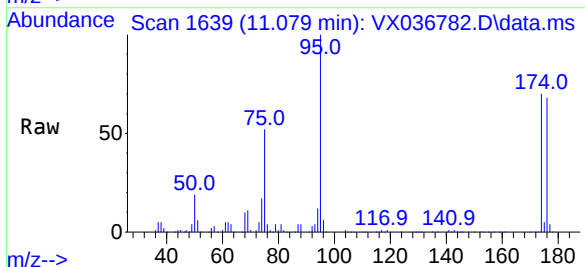
Instrument :
MSVOA_X
ClientSampleId :
50109

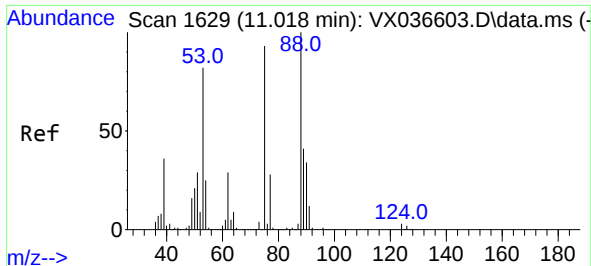
Tgt Ion:152 Resp: 113302
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 156.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 75 Resp: 62669
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

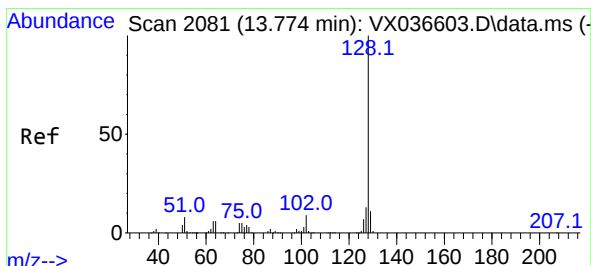
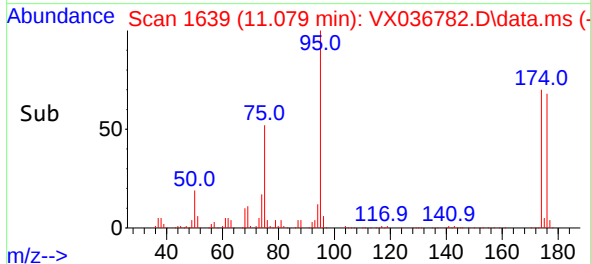
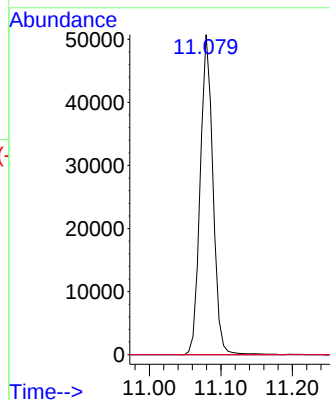
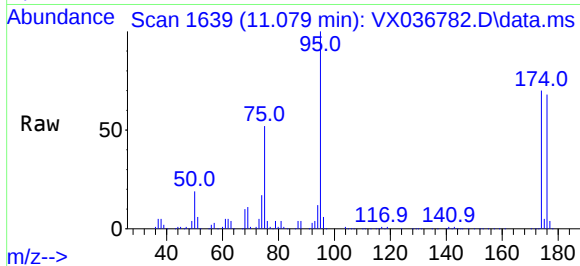




#81
trans-1,4-Dichloro-2-butene
Concen: 53.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Instrument :
MSVOA_X
ClientSampleId :
50109

Tgt Ion: 75 Resp: 62669
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.847 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 128 Resp: 15132
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.0 8.8 13.2

