

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035526.D
 Acq On : 05 May 2023 10:55
 Operator : JC/MD
 Sample : VX0505MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505MBL01

Quant Time: May 08 00:49:42 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)

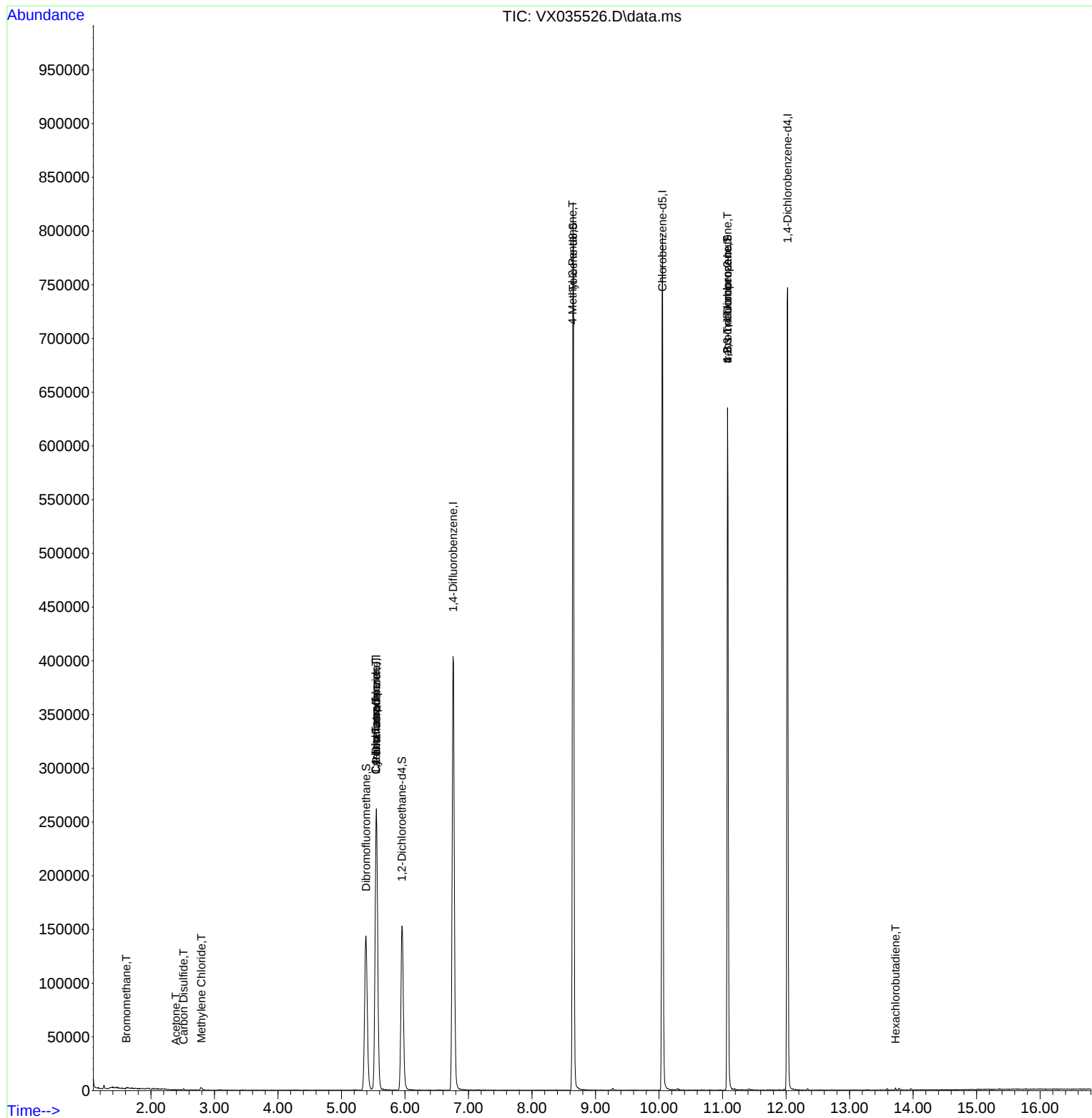
Internal Standards						
1) Pentafluorobenzene	5.550	168	256643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	424416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150827	48.713	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.420%
35) Dibromofluoromethane	5.385	113	127490	48.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.647	98	493853	50.256	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.520%
62) 4-Bromofluorobenzene	11.079	95	177648	48.057	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	350	0.213	ug/l #	41
16) Acetone	2.392	43	534	0.397	ug/l #	44
17) Carbon Disulfide	2.514	76	1330	0.223	ug/l #	95
20) Methylene Chloride	2.794	84	1201	0.389	ug/l #	71
31) Cyclohexane	5.544	56	4998	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	19208	4.722	ug/l #	50
38) Carbon Tetrachloride	5.544	117	25791	6.679	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	2068	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88021	27.394	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	88021	88.725	ug/l #	8
94) Hexachlorobutadiene	13.725	225	376	0.245	ug/l	89

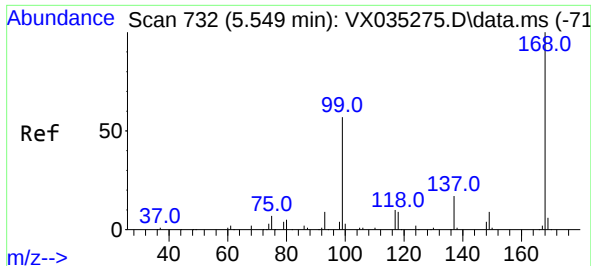
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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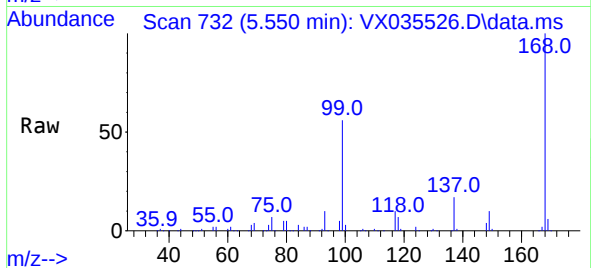
Quant Time: May 08 00:49:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



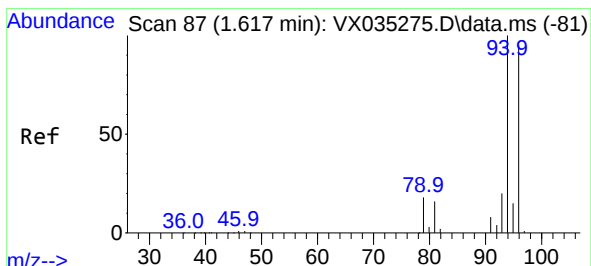
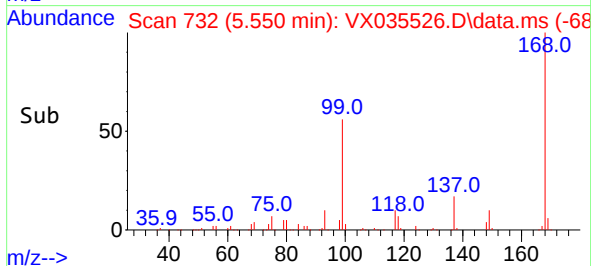
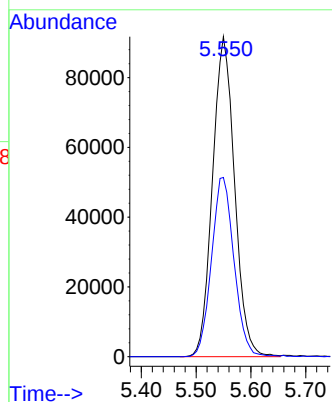


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0505MBL01

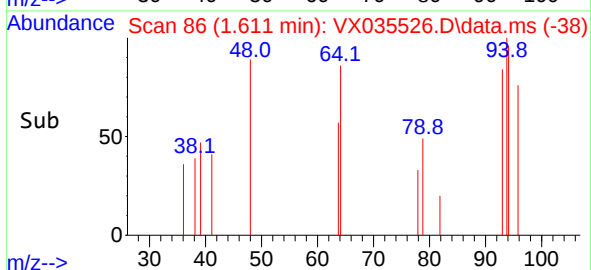
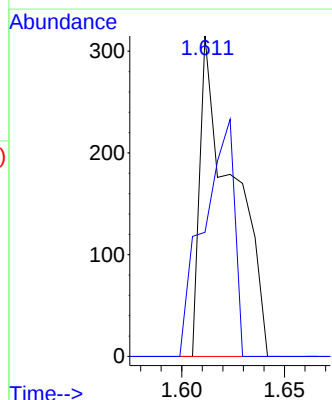
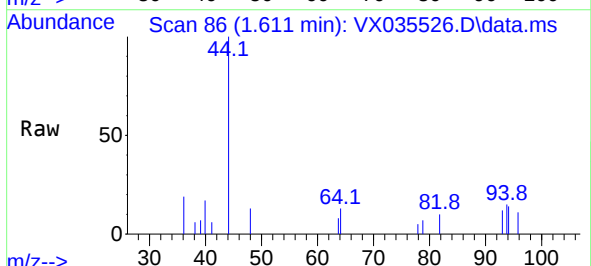


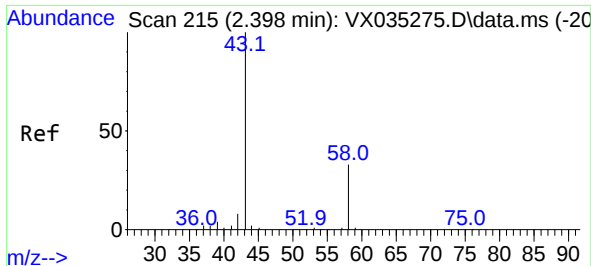
Tgt Ion:168 Resp: 256643
Ion Ratio Lower Upper
168 100
99 56.0 45.7 68.5



#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 38.7 77.0 115.6#

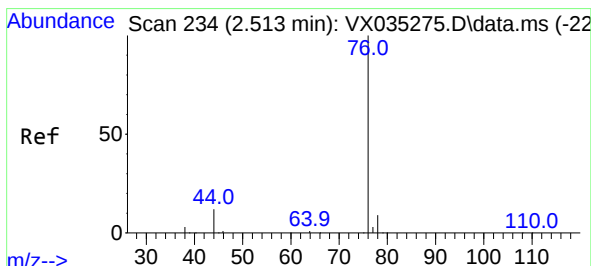
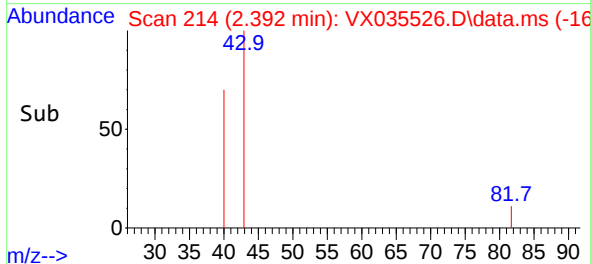
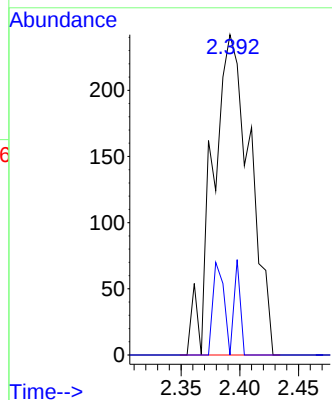
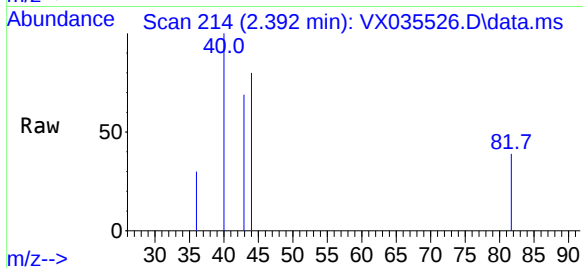




#16
Acetone
Concen: 0.397 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

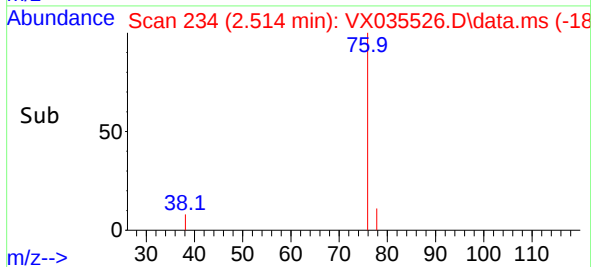
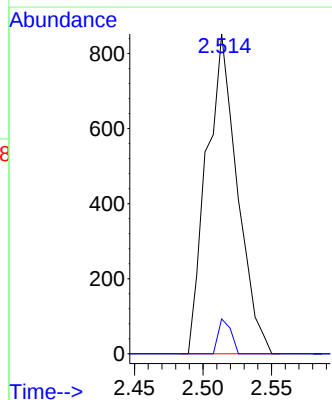
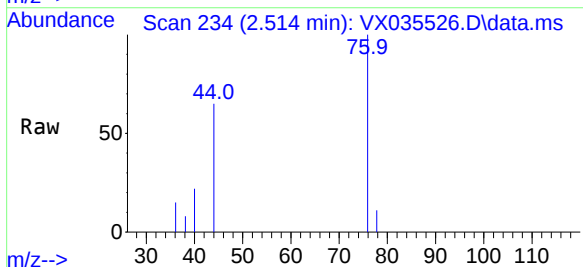
Instrument :
MSVOA_X
ClientSampleId :
VX0505MBL01

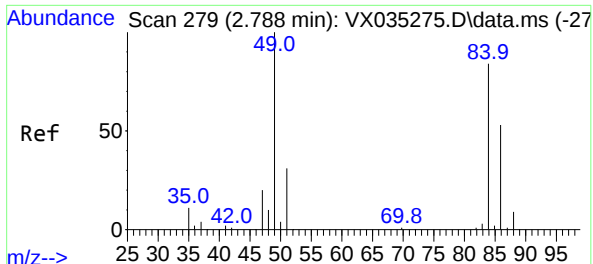
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

Tgt Ion: 76 Resp: 1330
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#



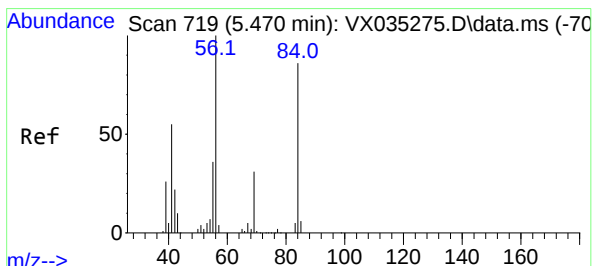
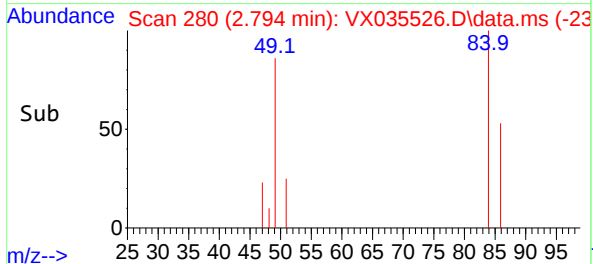
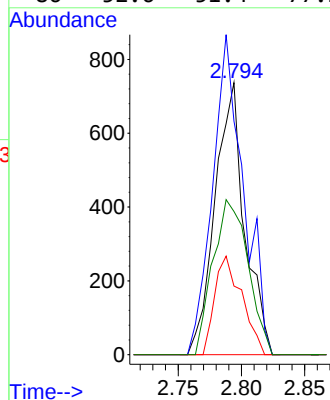
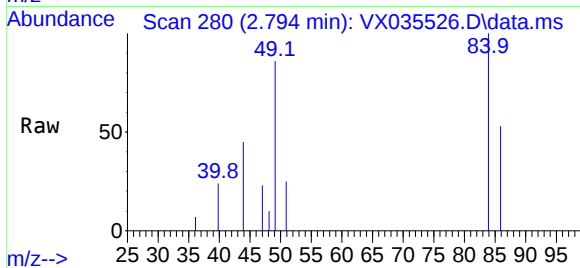


#20
Methylene Chloride
Concen: 0.389 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0505MBL01

Tgt Ion: 84 Resp: 1201

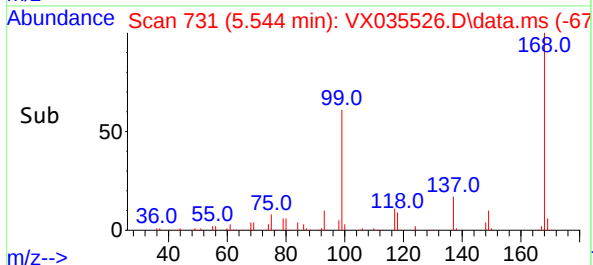
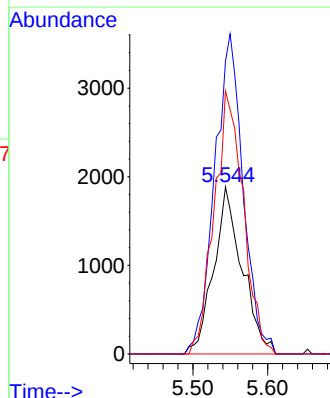
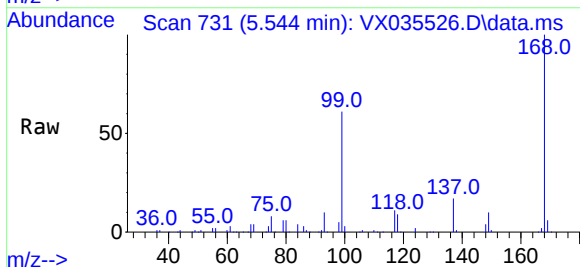
Ion	Ratio	Lower	Upper
84	100		
49	85.9	103.8	155.8#
51	25.2	31.8	47.8#
86	52.6	51.4	77.2

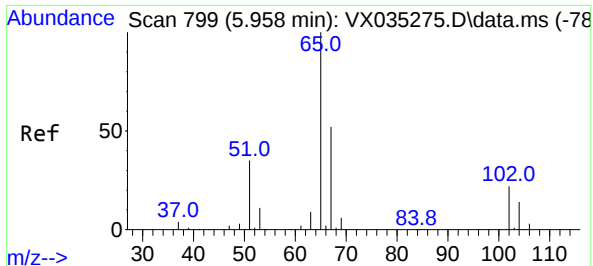


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

Tgt Ion: 56 Resp: 4998

Ion	Ratio	Lower	Upper
56	100		
69	175.2	23.7	35.5#
84	157.5	68.5	102.7#

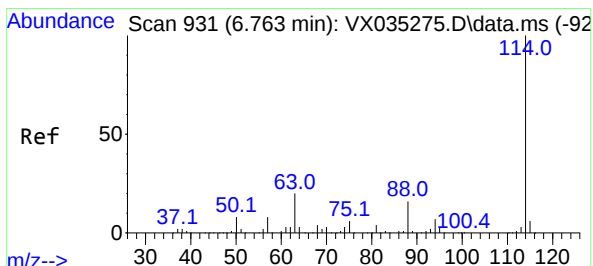
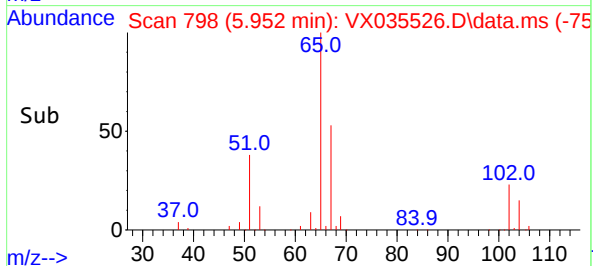
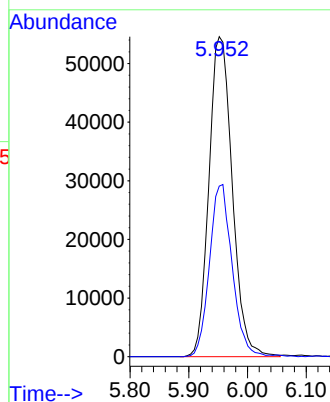
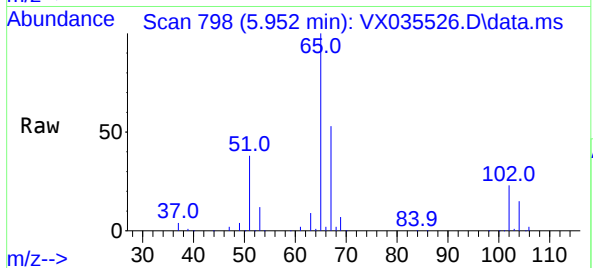




#33
1,2-Dichloroethane-d4
Concen: 48.713 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

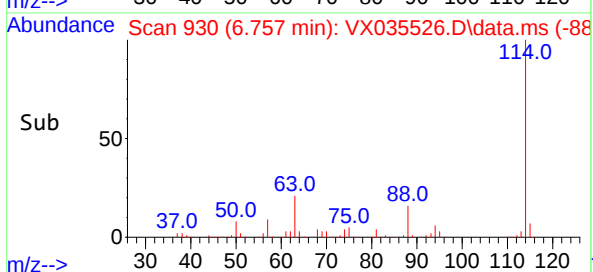
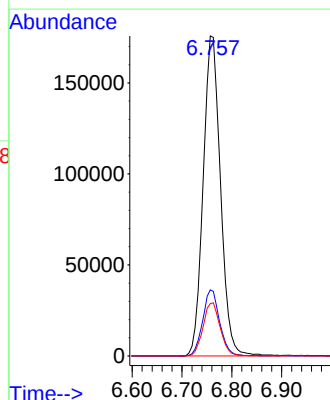
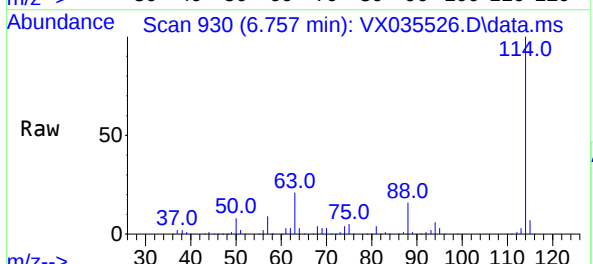
Instrument :
MSVOA_X
ClientSampleId :
VX0505MBL01

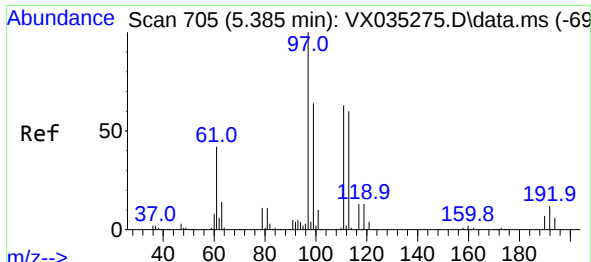
Tgt Ion: 65 Resp: 150827
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

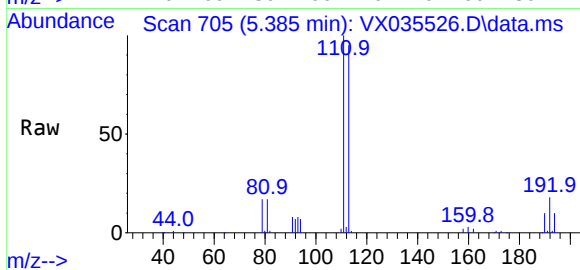
Tgt Ion: 114 Resp: 424416
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.2
88 16.3 0.0 33.2



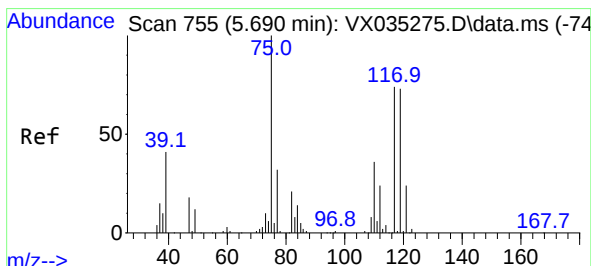
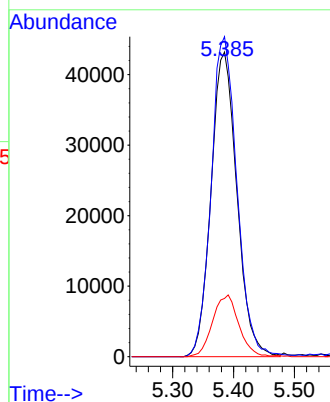
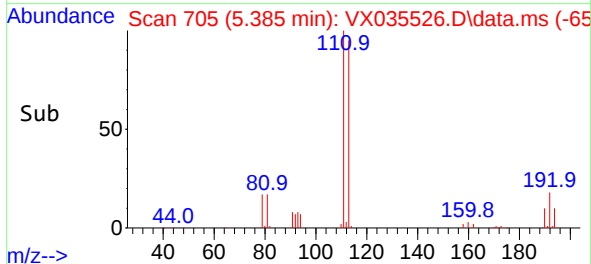


#35
Dibromofluoromethane
Concen: 48.942 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

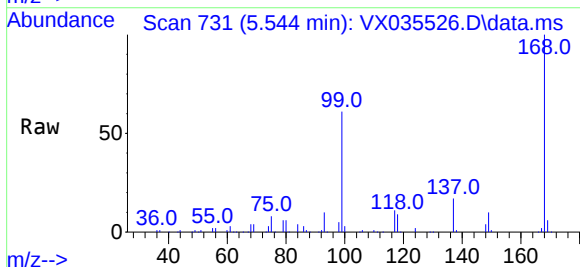
Instrument :
MSVOA_X
ClientSampleId :
VX0505MBL01



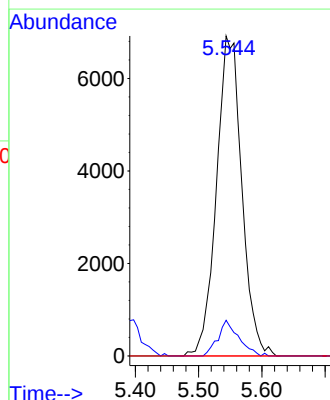
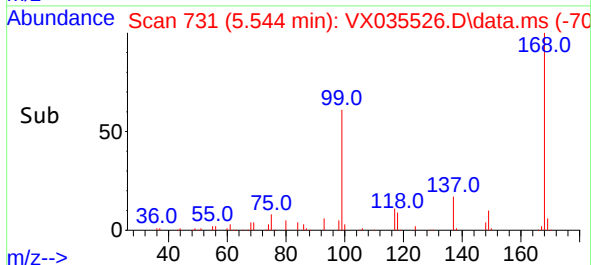
Tgt Ion:113 Resp: 127490
Ion Ratio Lower Upper
113 100
111 104.9 83.7 125.5
192 20.5 15.4 23.2

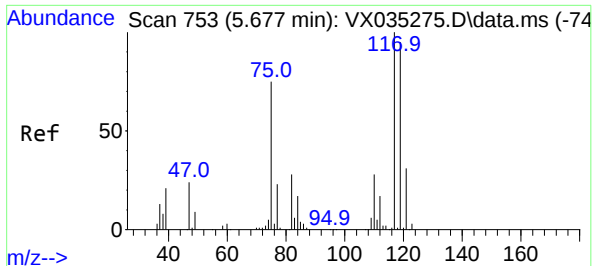


#36
1,1-Dichloropropene
Concen: 4.722 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55



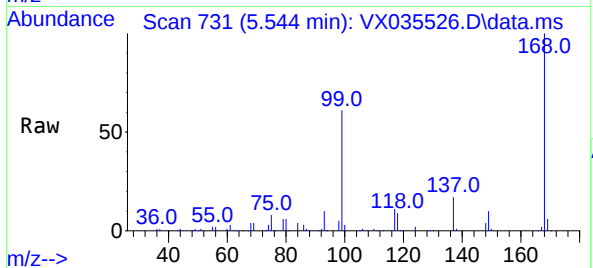
Tgt Ion: 75 Resp: 19208
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



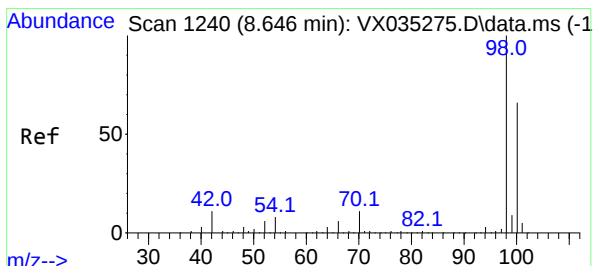
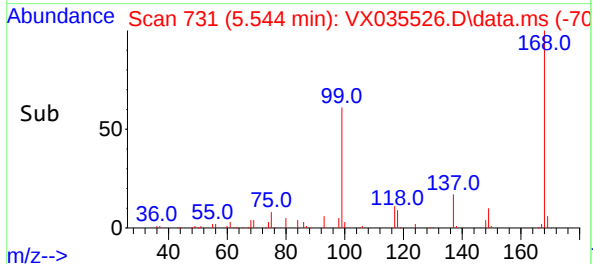
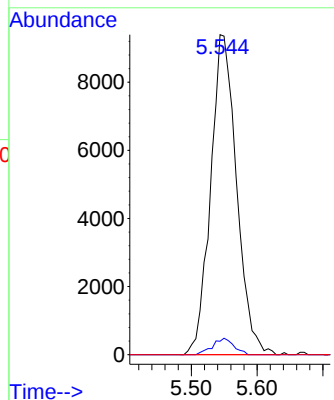


#38
Carbon Tetrachloride
Concen: 6.679 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0505MBL01

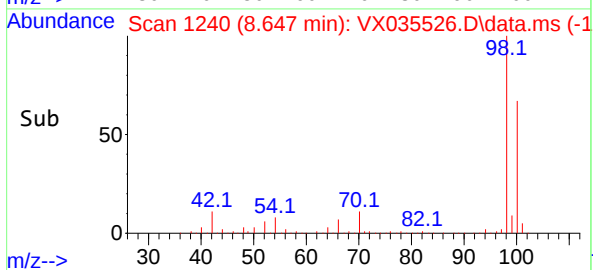
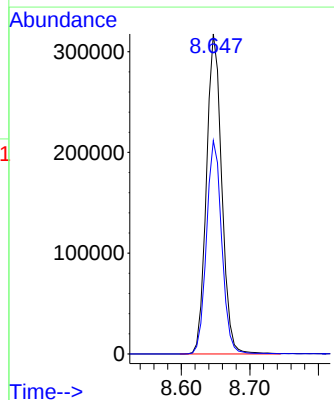
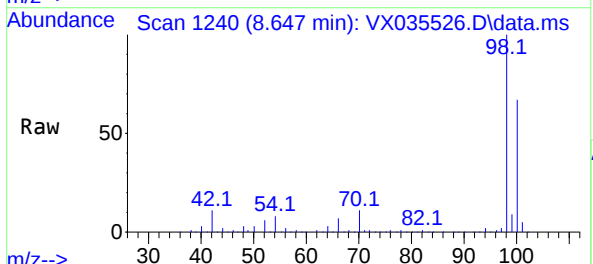


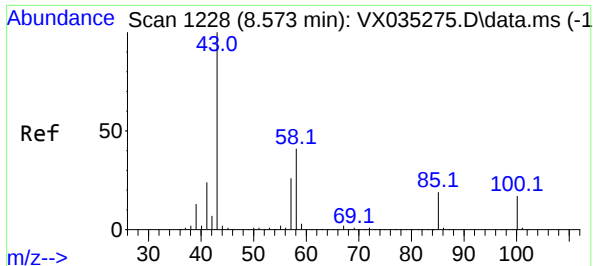
Tgt Ion:117 Resp: 25791
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.256 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

Tgt Ion: 98 Resp: 493853
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

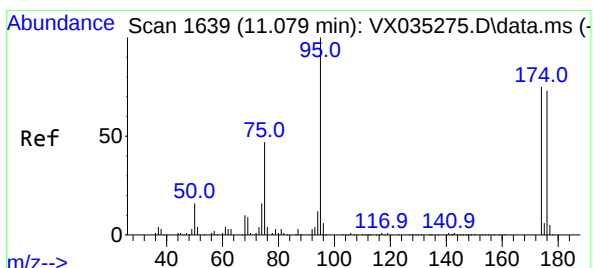
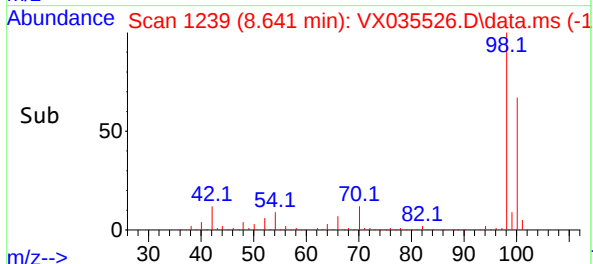
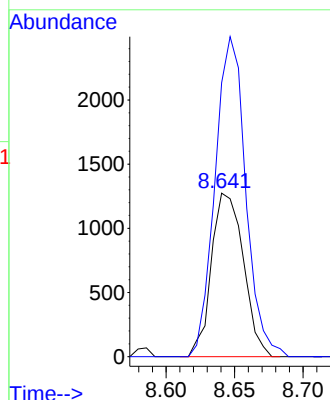
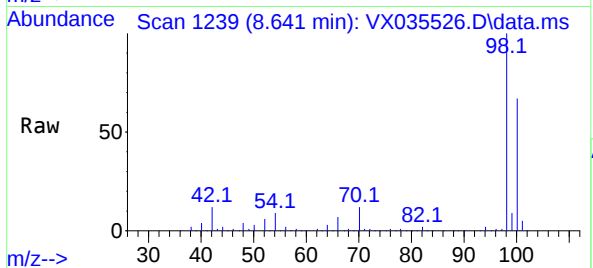




#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.068 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

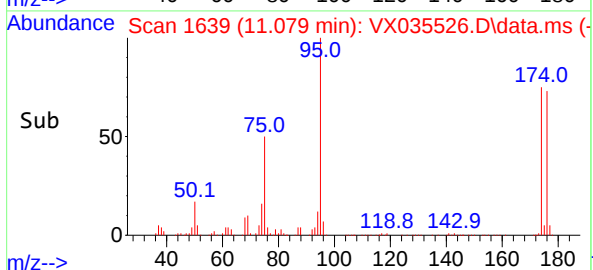
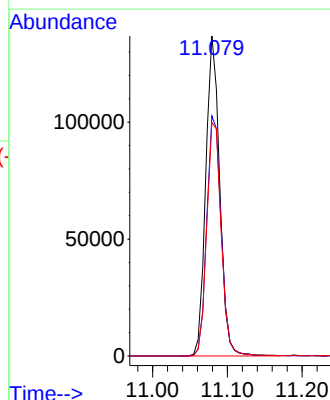
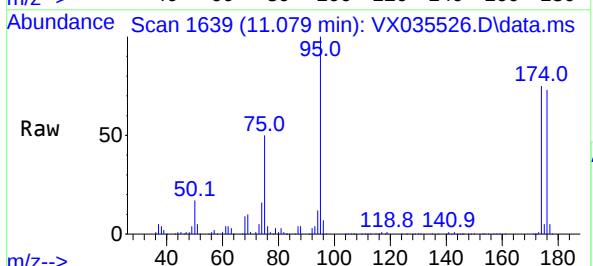
Instrument :
MSVOA_X
ClientSampleId :
VX0505MBL01

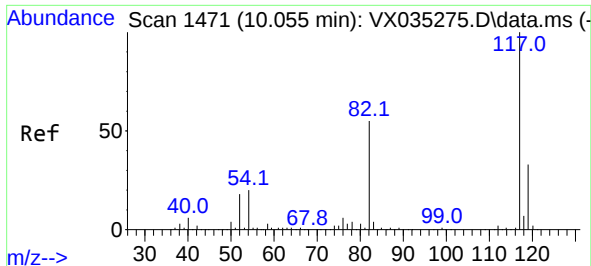
Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
58 187.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

Tgt Ion: 95 Resp: 177648
Ion Ratio Lower Upper
95 100
174 77.5 0.0 147.4
176 75.9 0.0 140.6

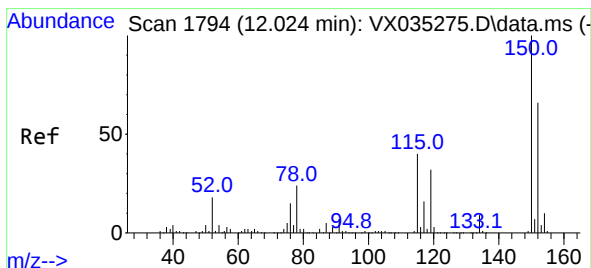
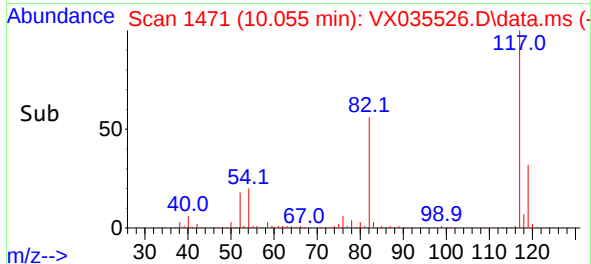
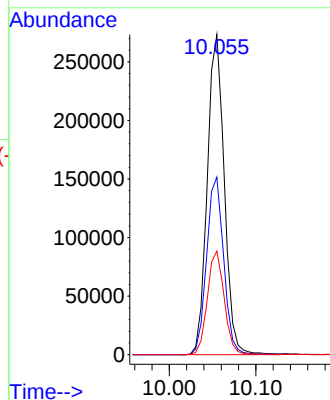
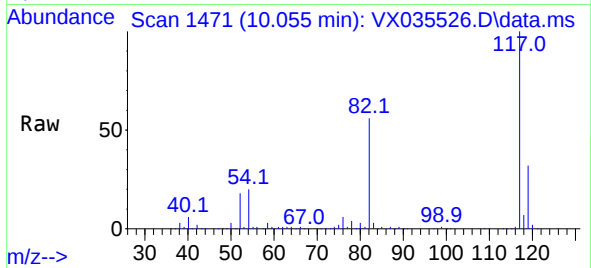




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

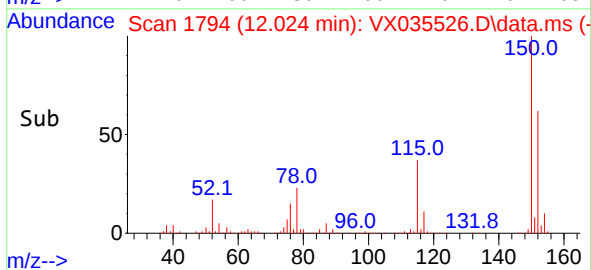
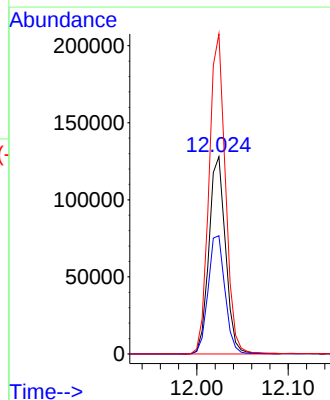
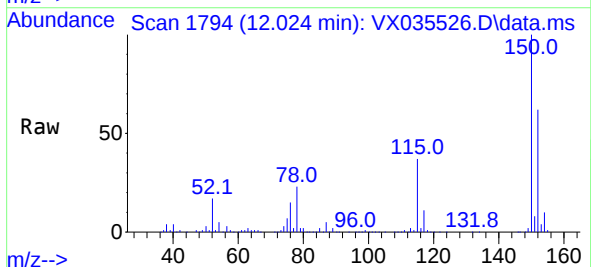
Instrument :
MSVOA_X
ClientSampleId :
VX0505MBL01

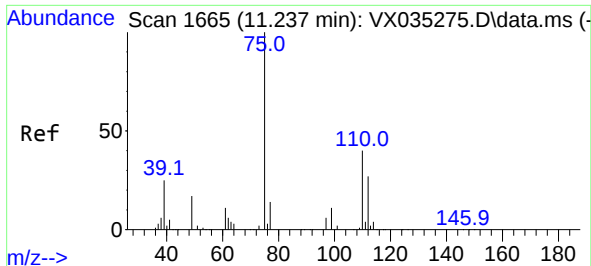
Tgt Ion:117 Resp: 373059
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

Tgt Ion:152 Resp: 161077
Ion Ratio Lower Upper
152 100
115 61.3 45.0 135.0
150 160.3 0.0 352.4

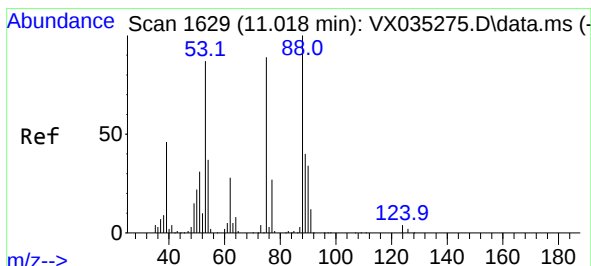
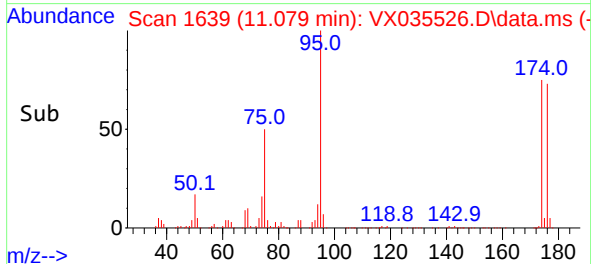
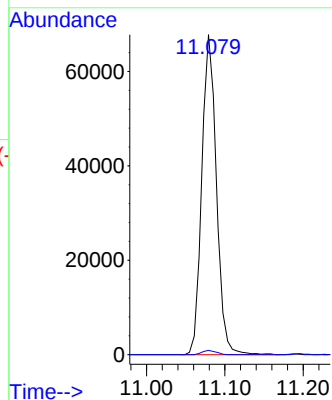
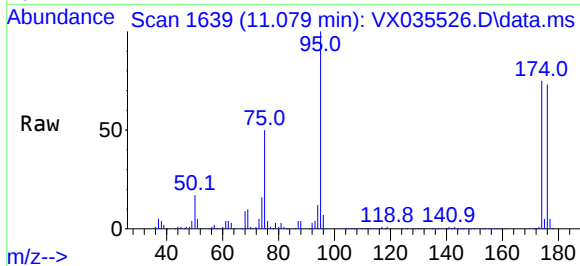




#76
1,2,3-Trichloropropane
Concen: 27.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

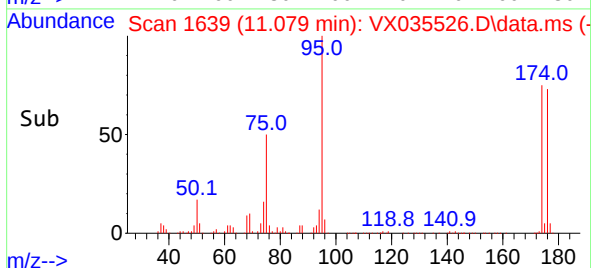
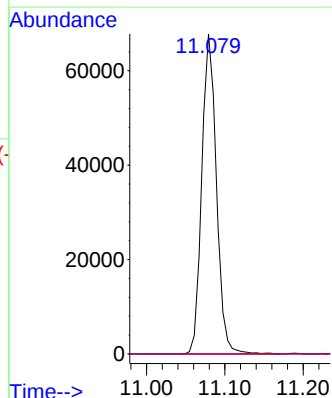
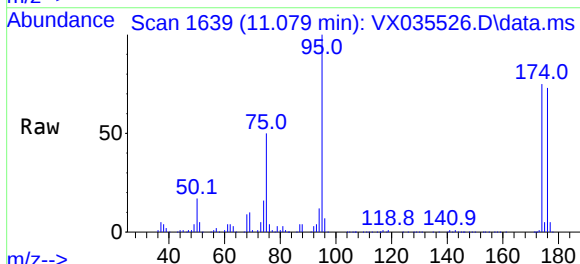
Instrument :
MSVOA_X
ClientSampleId :
VX0505MBL01

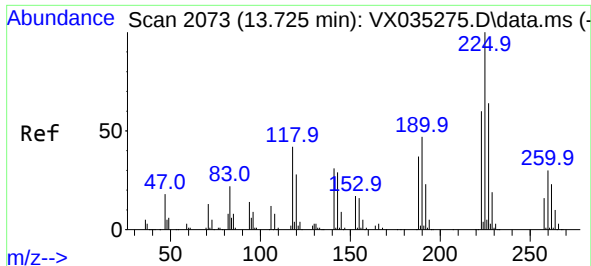
Tgt Ion: 75 Resp: 88021
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035526.D
Acq: 05 May 2023 10:55

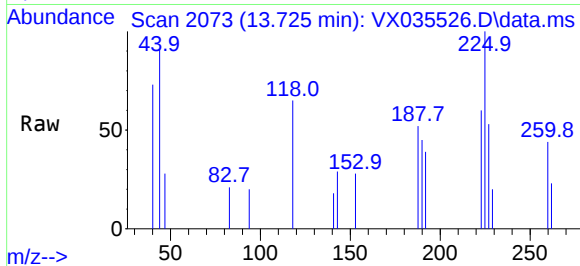
Tgt Ion: 75 Resp: 88021
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.245 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX035526.D
 Acq: 05 May 2023 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505MBL01



Tgt Ion:	225	Resp:	376
Ion	Ratio	Lower	Upper
225	100		
223	48.1	32.1	96.5
227	62.8	31.8	95.4

