

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035507.D
 Acq On : 03 May 2023 14:14
 Operator : JC/MD
 Sample : 02583-02
 Misc : 22.44g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CF-22

Quant Time: May 04 03:56:31 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)

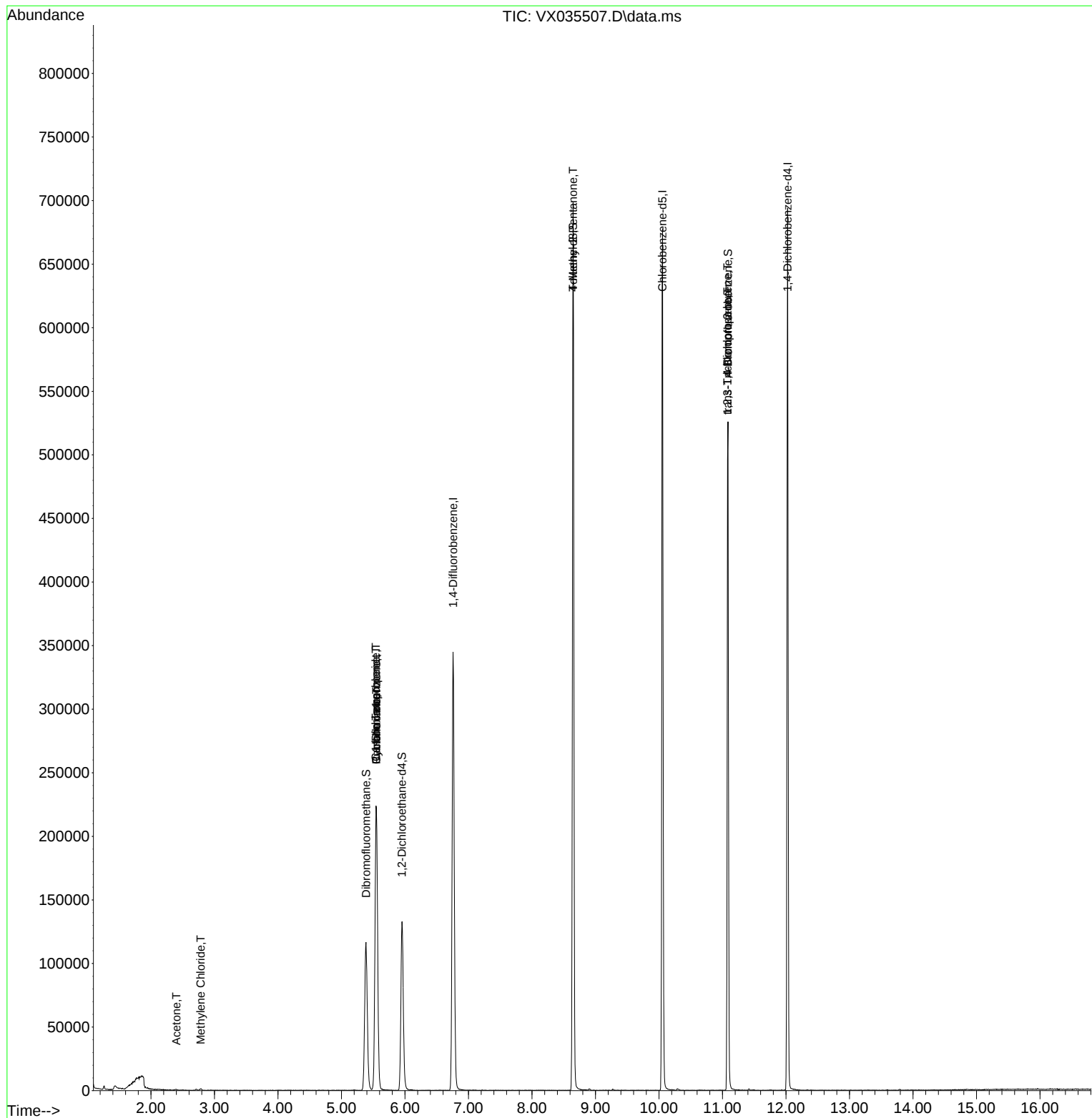
Internal Standards						
1) Pentafluorobenzene	5.550	168	225921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	360942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129164	47.389	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.780%		
35) Dibromofluoromethane	5.385	113	103187	46.578	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	8.647	98	418318	50.056	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.120%		
62) 4-Bromofluorobenzene	11.086	95	156795	49.875	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.740%		
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	801	0.677	ug/l #	71
20) Methylene Chloride	2.782	84	627	0.231	ug/l #	74
31) Cyclohexane	5.550	56	4095	1.059	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	16203	4.684	ug/l #	51
38) Carbon Tetrachloride	5.544	117	21506	6.549	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1742	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	76270	25.565	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	76270	82.801	ug/l #	8

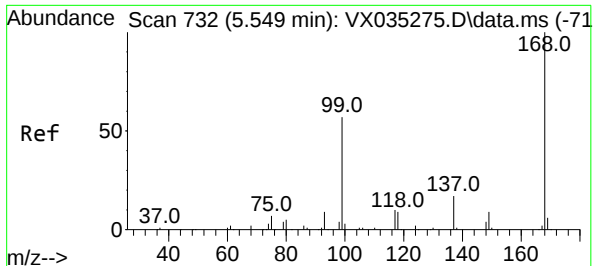
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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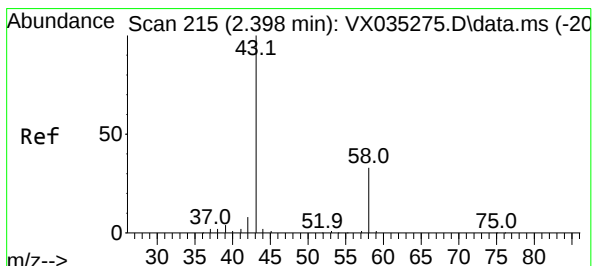
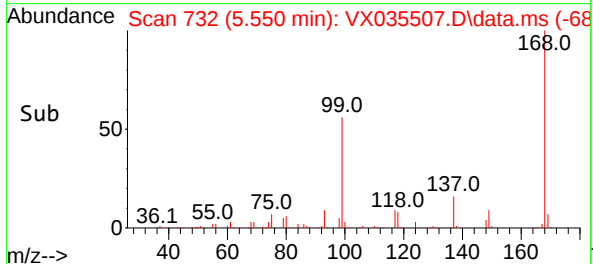
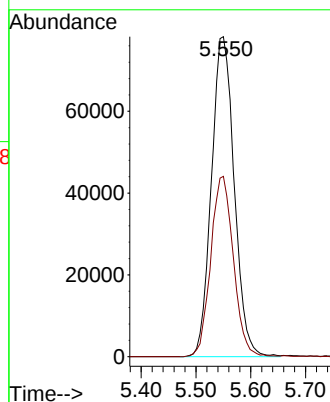
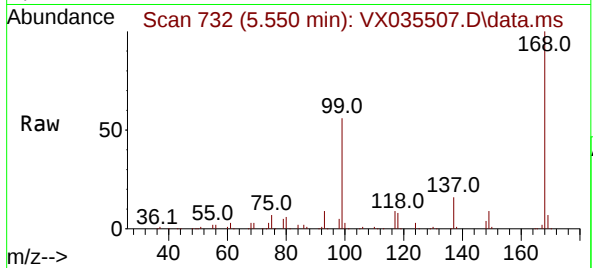




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

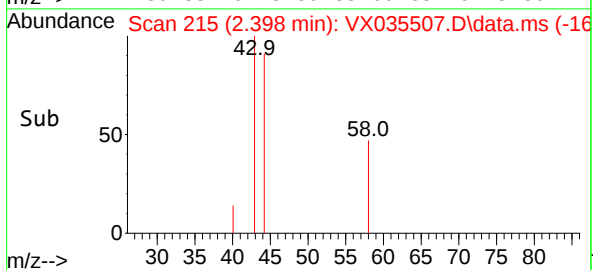
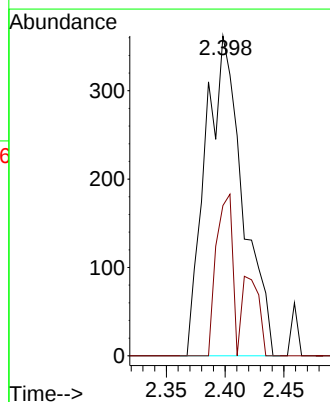
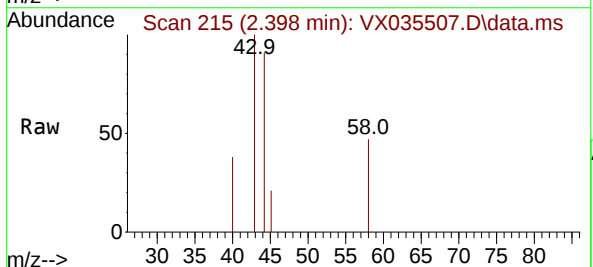
Instrument :
MSVOA_X
ClientSampleId :
CF-22

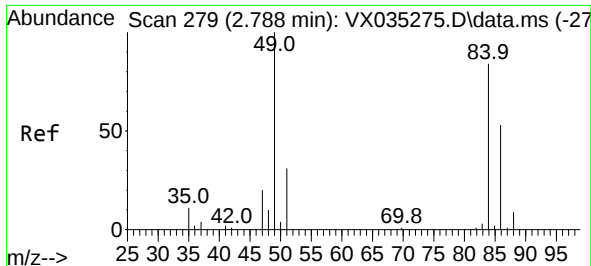
Tgt Ion:168 Resp: 225921
Ion Ratio Lower Upper
168 100
99 56.4 45.7 68.5



#16
Acetone
Concen: 0.677 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 47.0 24.7 37.1#

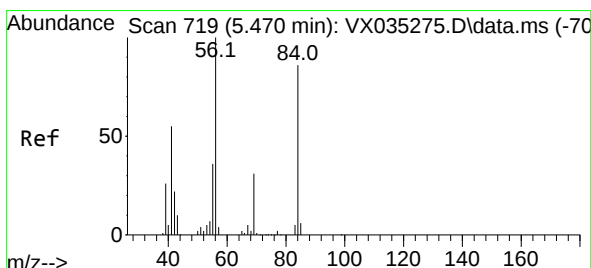
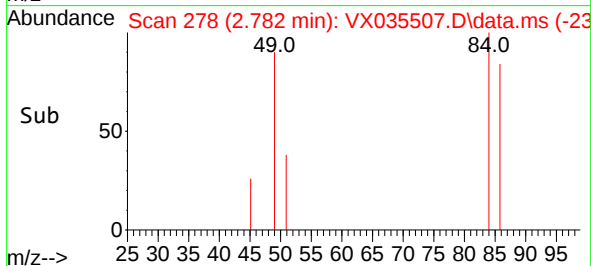
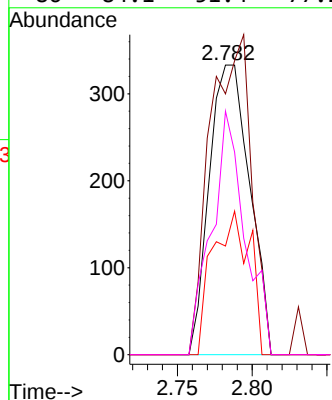
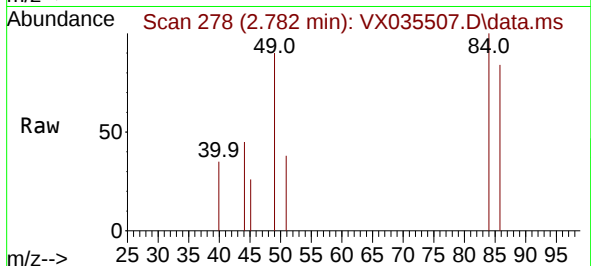




#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

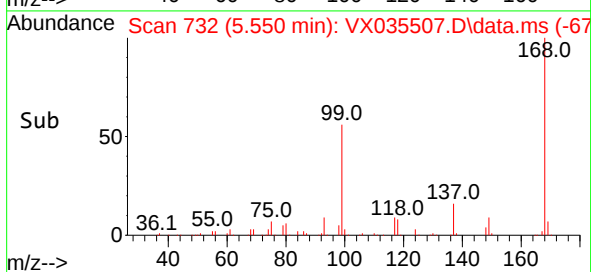
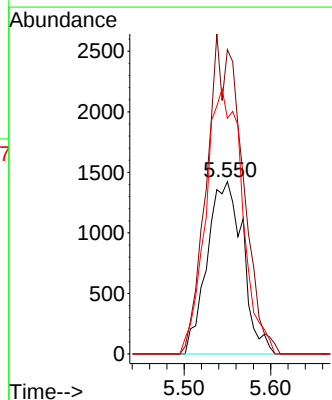
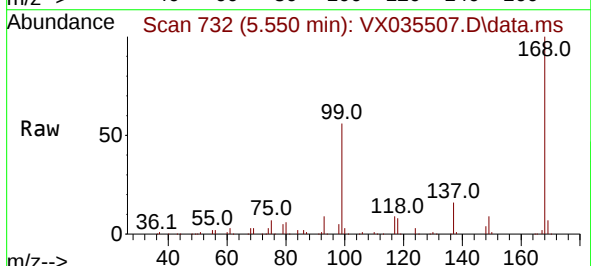
Instrument :
MSVOA_X
ClientSampleId :
CF-22

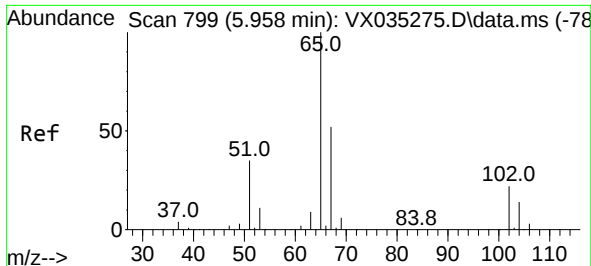
Tgt Ion:	84	Resp:	627
Ion	Ratio	Lower	Upper
84	100		
49	90.1	103.8	155.8#
51	37.5	31.8	47.8
86	84.1	51.4	77.2#



#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

Tgt Ion:	56	Resp:	4095
Ion	Ratio	Lower	Upper
56	100		
69	176.7	23.7	35.5#
84	136.8	68.5	102.7#

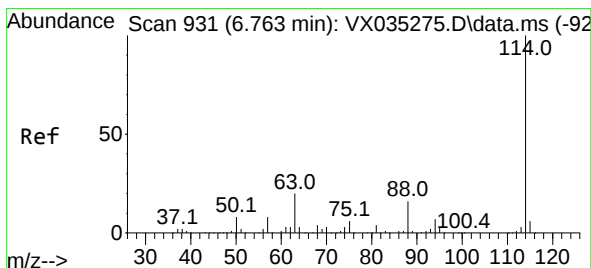
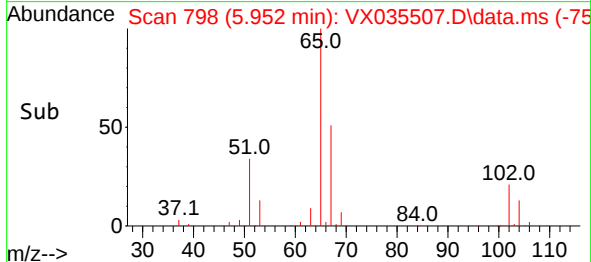
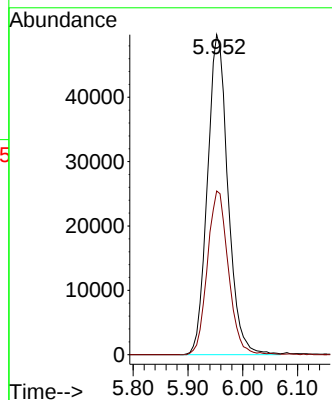
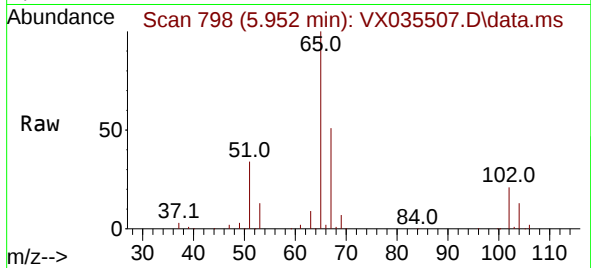




#33
 1,2-Dichloroethane-d4
 Concen: 47.389 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX035507.D
 Acq: 03 May 2023 14:14

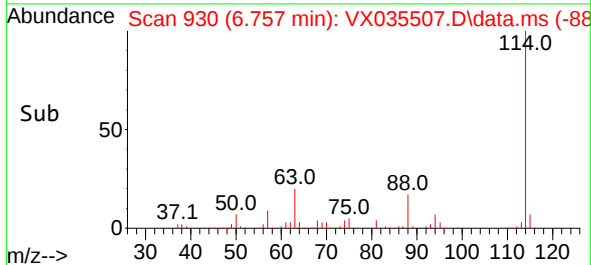
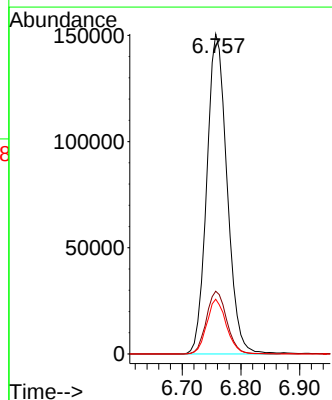
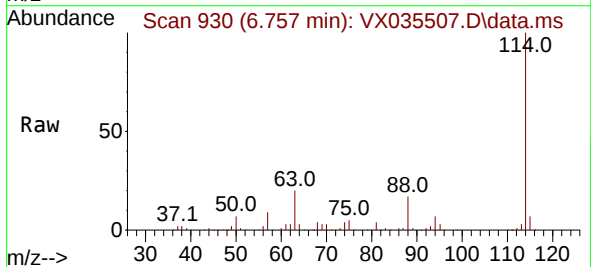
Instrument :
 MSVOA_X
 ClientSampleId :
 CF-22

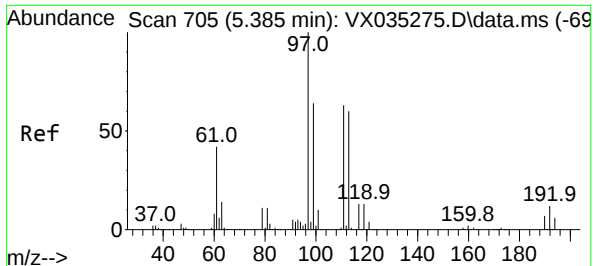
Tgt Ion: 65 Resp: 129164
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035507.D
 Acq: 03 May 2023 14:14

Tgt Ion: 114 Resp: 360942
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.2
 88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.578 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035507.D

Acq: 03 May 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

CF-22

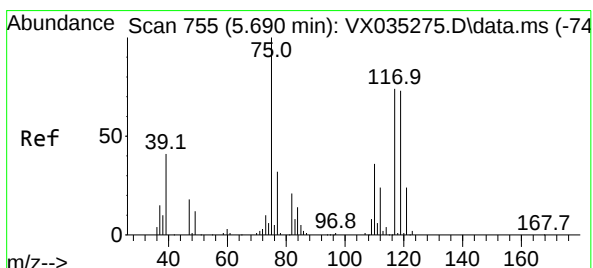
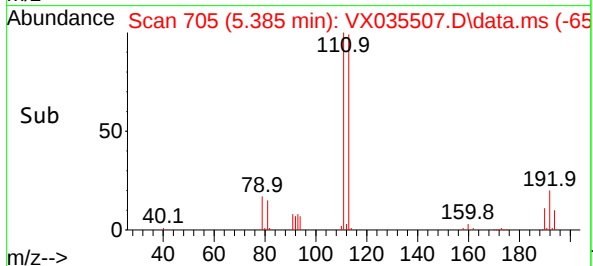
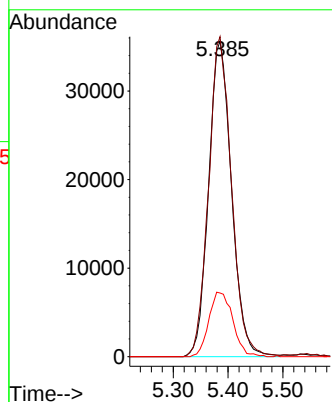
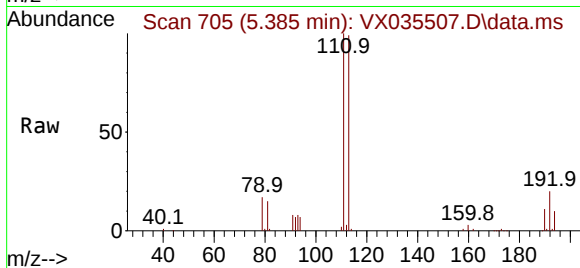
Tgt Ion:113 Resp: 103187

Ion Ratio Lower Upper

113 100

111 101.4 83.7 125.5

192 21.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.684 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX035507.D

Acq: 03 May 2023 14:14

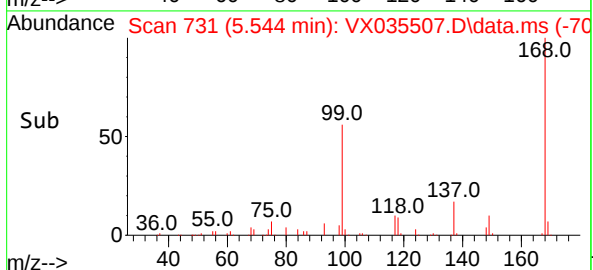
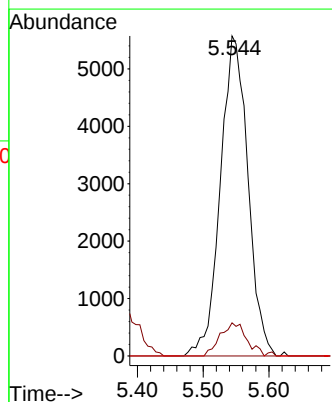
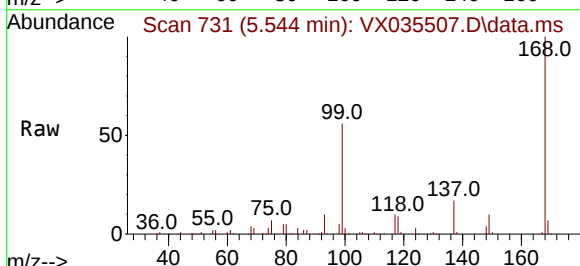
Tgt Ion: 75 Resp: 16203

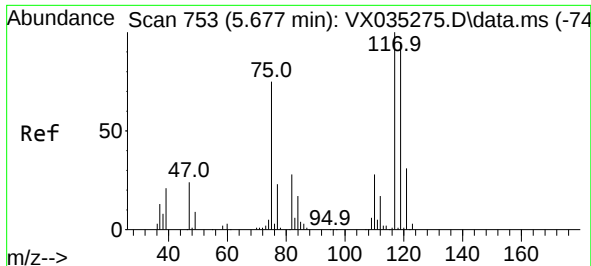
Ion Ratio Lower Upper

75 100

110 10.2 17.5 52.5#

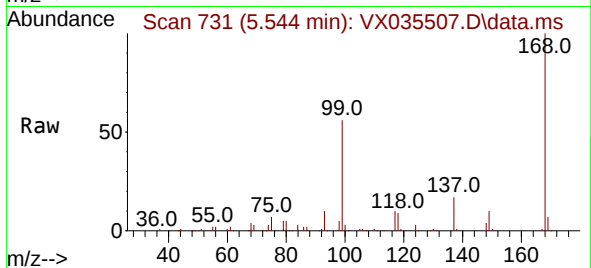
77 0.0 24.3 36.5#



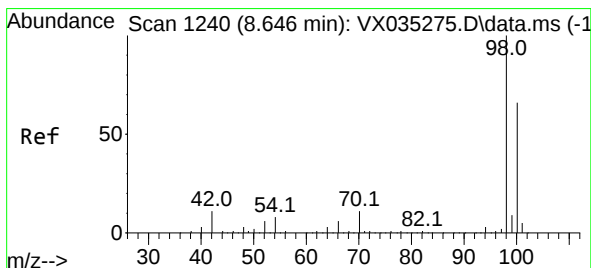
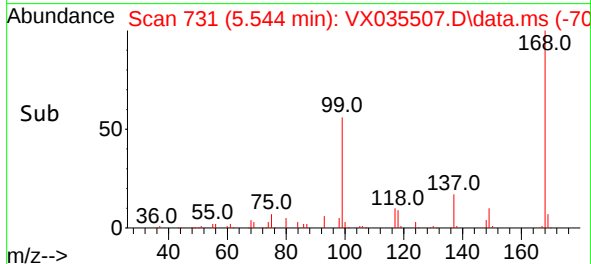
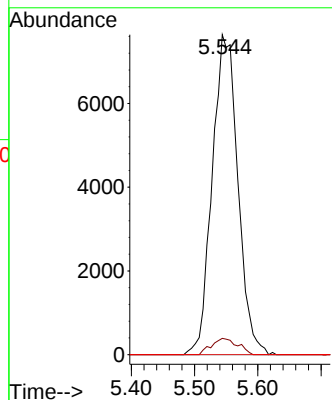


#38
Carbon Tetrachloride
Concen: 6.549 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
CF-22

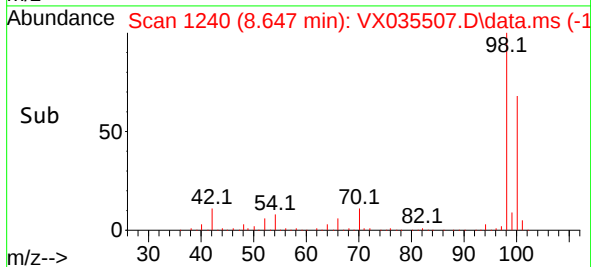
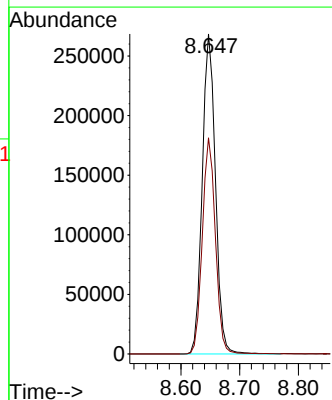
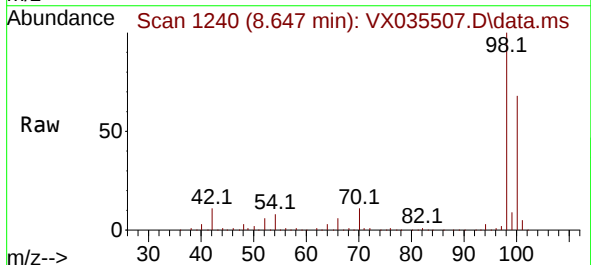


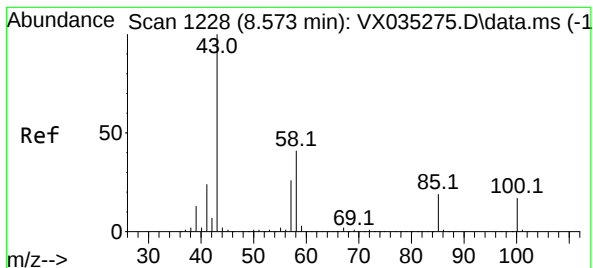
Tgt Ion:117 Resp: 21506
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.056 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

Tgt Ion: 98 Resp: 418318
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.534 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX035507.D

Acq: 03 May 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

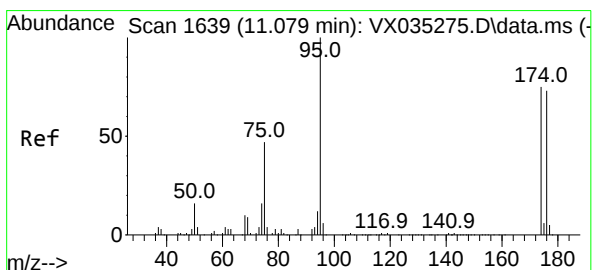
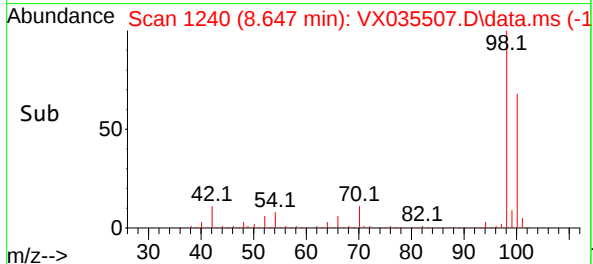
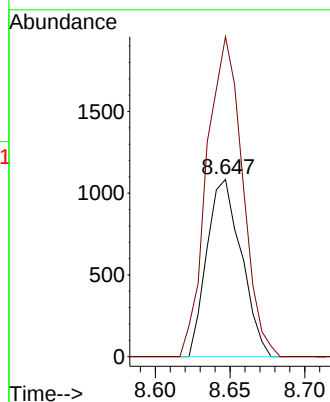
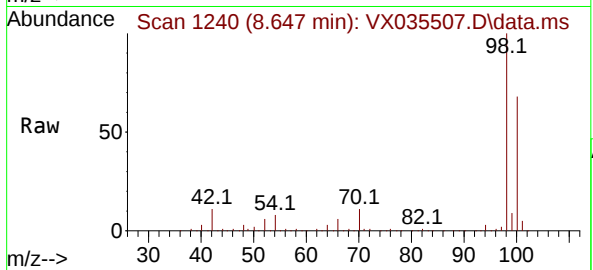
CF-22

Tgt Ion: 43 Resp: 1742

Ion Ratio Lower Upper

43 100

58 186.6 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 49.875 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.007 min

Lab File: VX035507.D

Acq: 03 May 2023 14:14

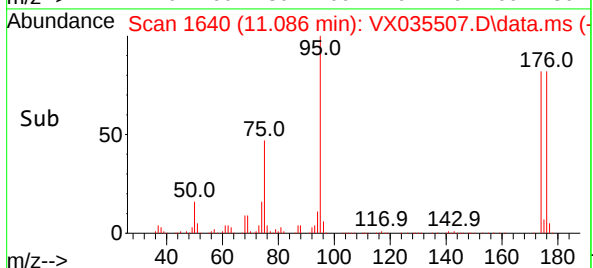
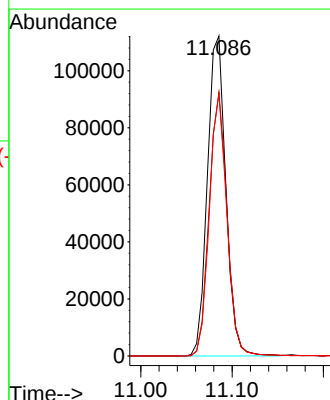
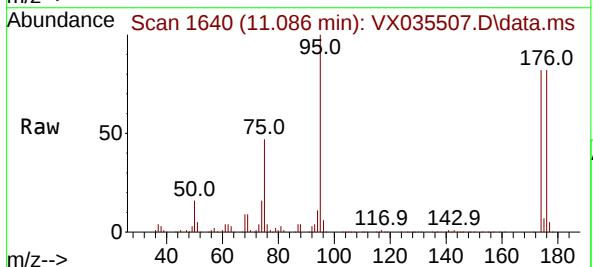
Tgt Ion: 95 Resp: 156795

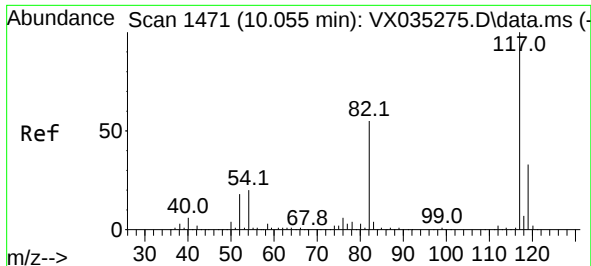
Ion Ratio Lower Upper

95 100

174 80.2 0.0 147.4

176 78.1 0.0 140.6

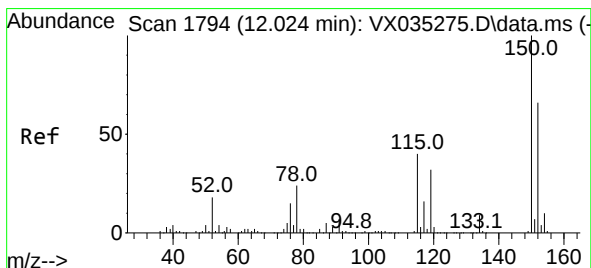
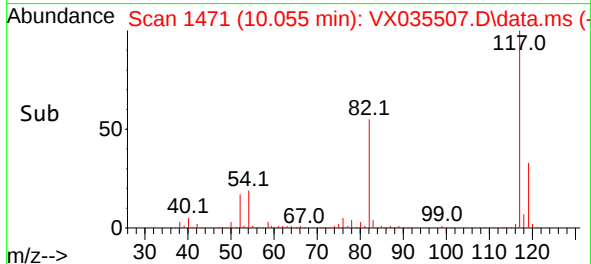
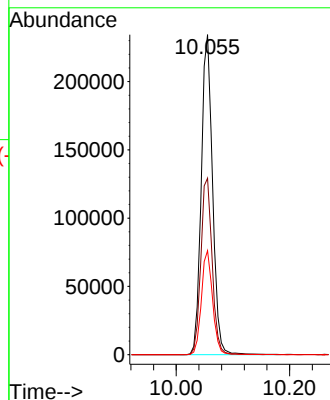
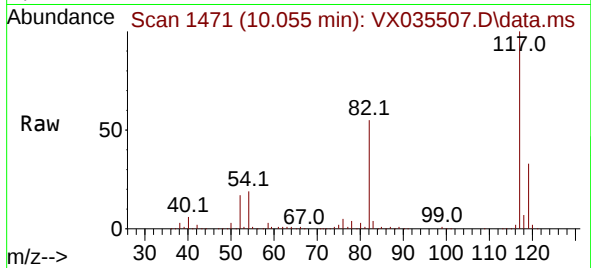




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

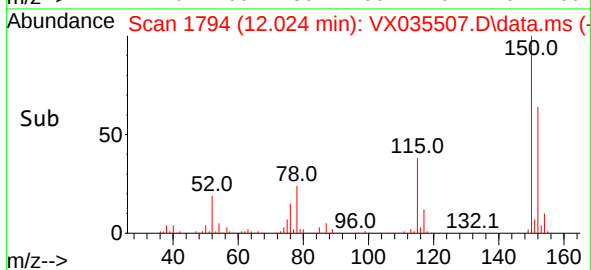
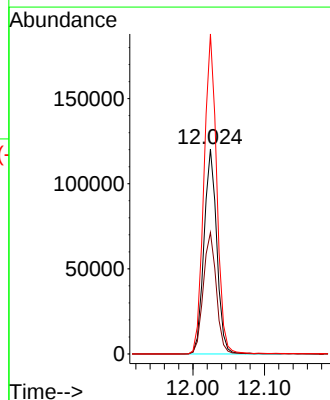
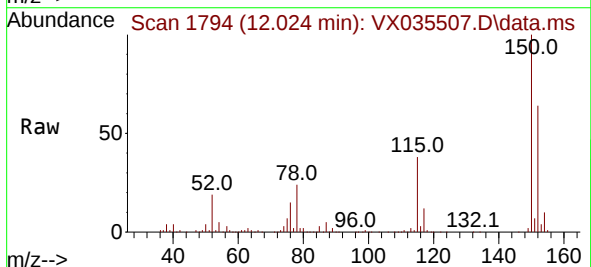
Instrument :
MSVOA_X
ClientSampleId :
CF-22

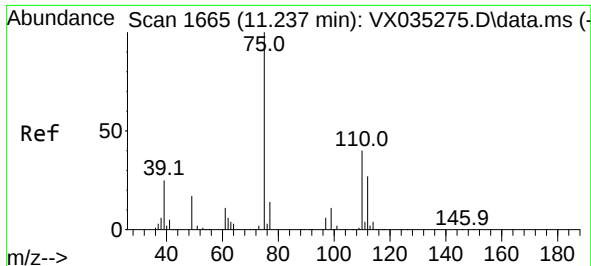
Tgt Ion:117 Resp: 324638
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

Tgt Ion:152 Resp: 149558
Ion Ratio Lower Upper
152 100
115 60.3 45.0 135.0
150 156.2 0.0 352.4

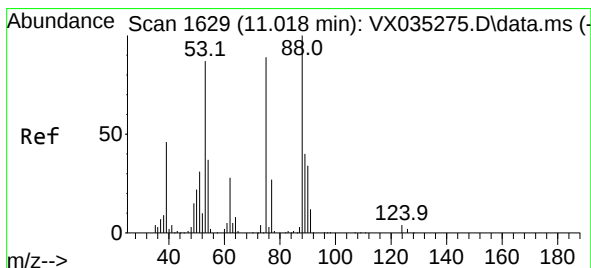
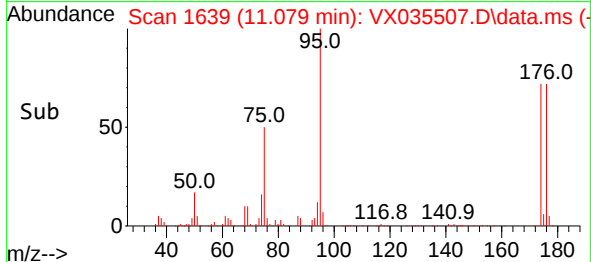
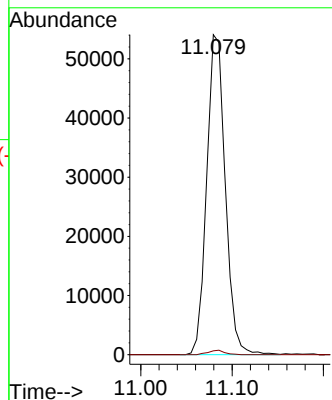
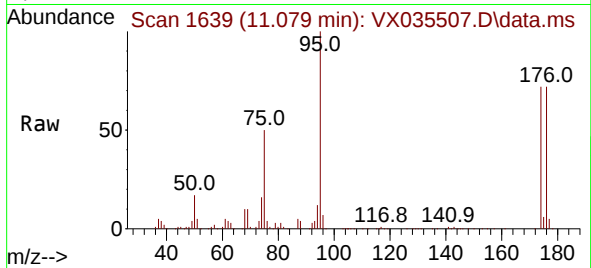




#76
1,2,3-Trichloropropane
Concen: 25.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
CF-22

Tgt Ion: 75 Resp: 76270
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035507.D
Acq: 03 May 2023 14:14

Tgt Ion: 75 Resp: 76270
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

