

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039820.D
 Acq On : 18 Jan 2024 15:46
 Operator : JC/MD
 Sample : P1171-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 19 00:41:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

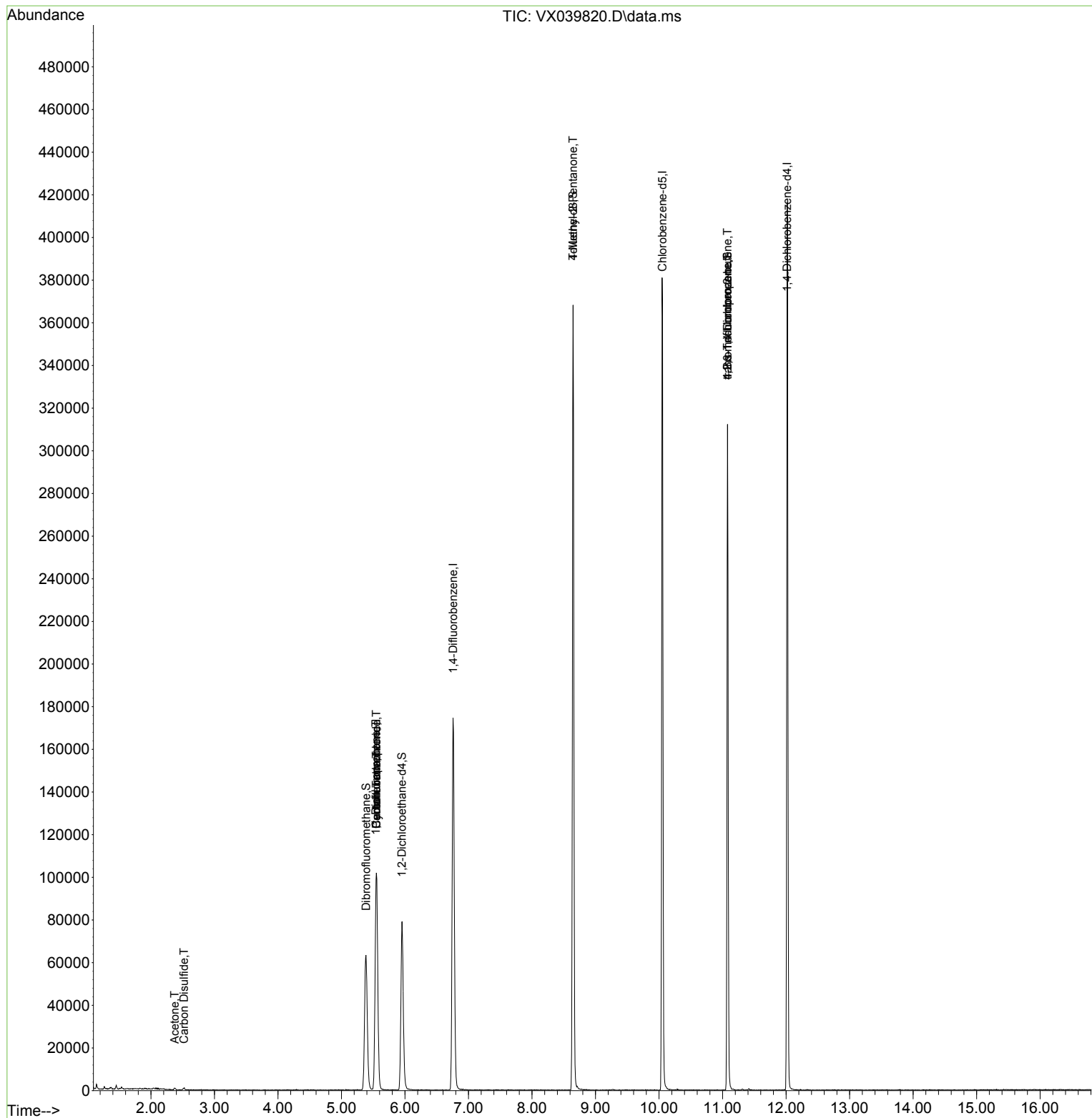
Internal Standards						
1) Pentafluorobenzene	5.550	168	92059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73070	47.383	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.760%
35) Dibromofluoromethane	5.385	113	56176	48.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	8.647	98	215457	49.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.120%
62) 4-Bromofluorobenzene	11.079	95	82086	48.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	887	1.023	ug/l	92
17) Carbon Disulfide	2.520	76	713	0.224	ug/l #	76
31) Cyclohexane	5.550	56	2663	1.308	ug/l #	50
36) 1,1-Dichloropropene	5.544	75	8419	4.692	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9956	6.059	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1108	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45153	22.002	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	45153	63.851	ug/l #	5

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

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Quant Time: Jan 19 00:41:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



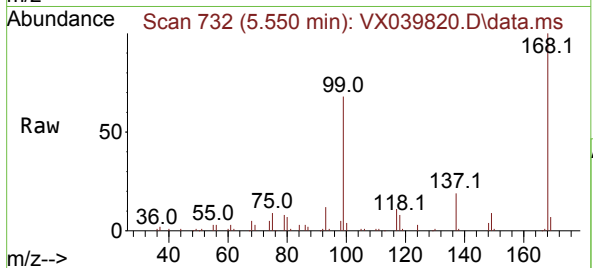


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46

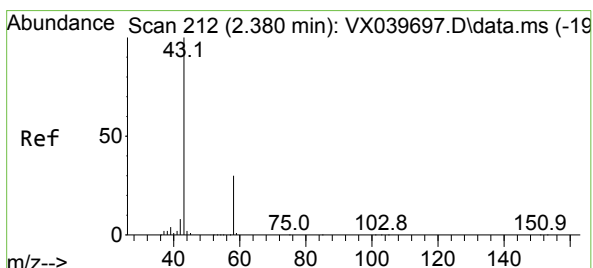
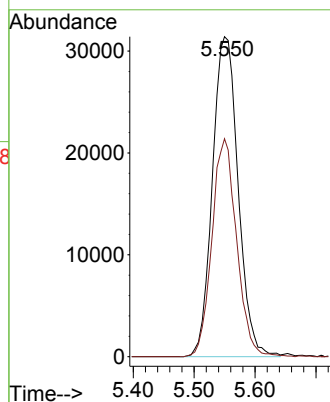
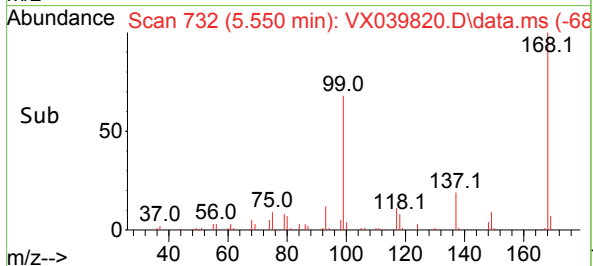
Instrument :

MSVOA_X

ClientSampleId :

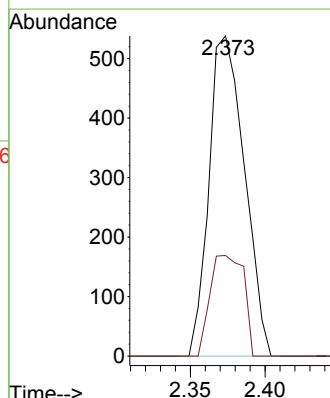
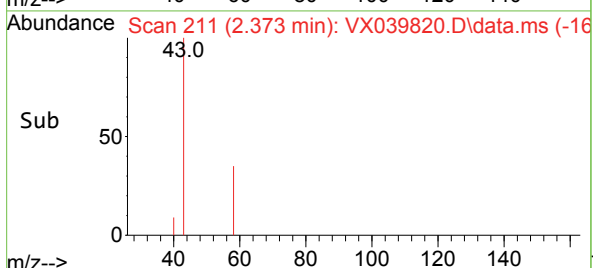
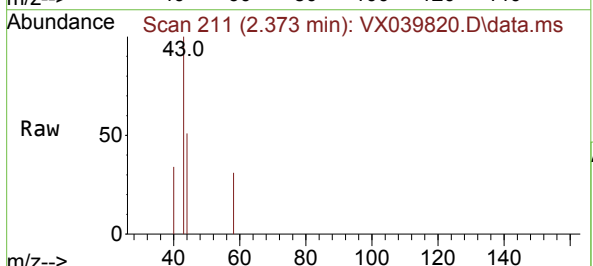


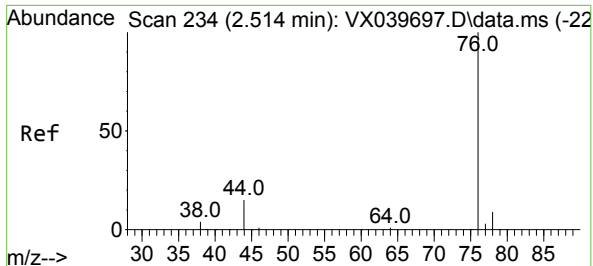
Tgt Ion:168 Resp: 92059
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0



#16
Acetone
Concen: 1.023 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46

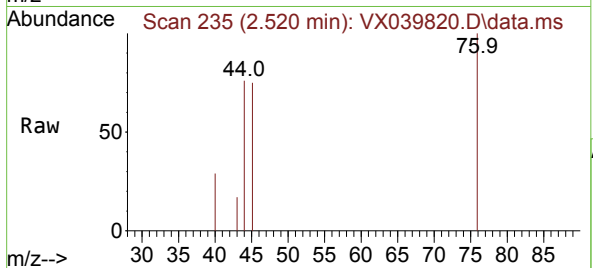
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



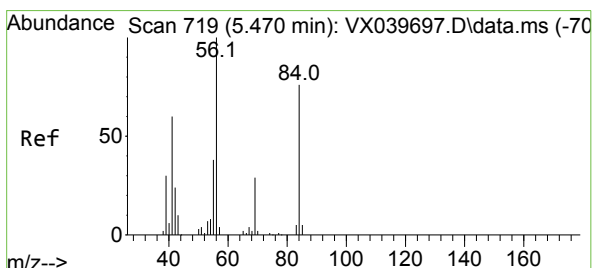
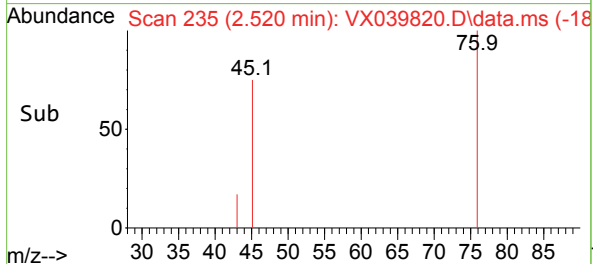
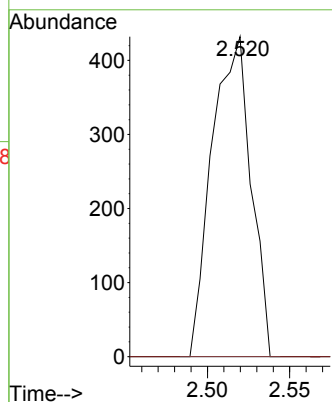


#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :

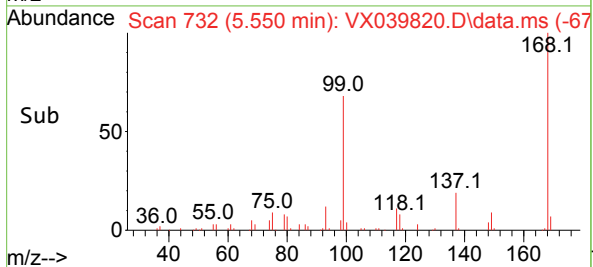
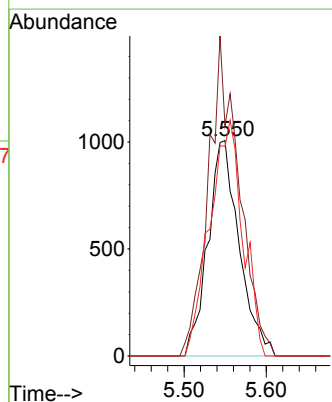
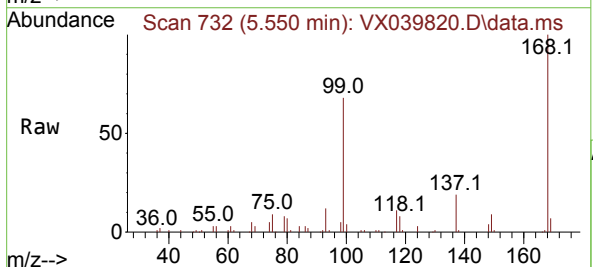


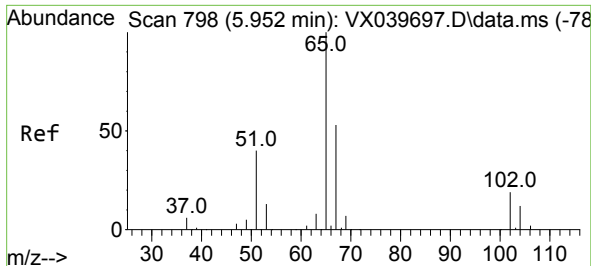
Tgt Ion: 76 Resp: 713
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46

Tgt Ion: 56 Resp: 2663
Ion Ratio Lower Upper
56 100
69 106.9 23.4 35.2#
84 97.3 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 47.383 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039820.D

Acq: 18 Jan 2024 15:46

Instrument :

MSVOA_X

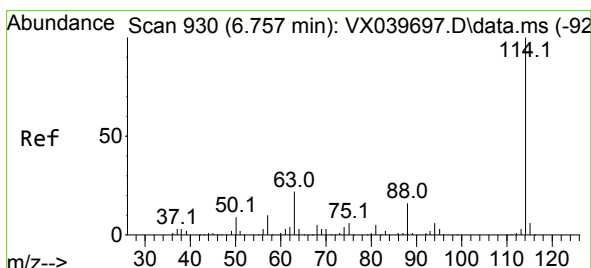
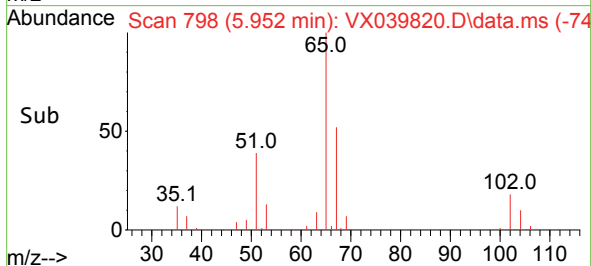
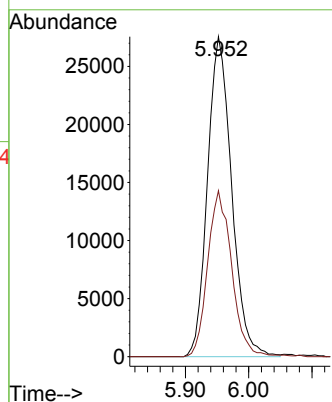
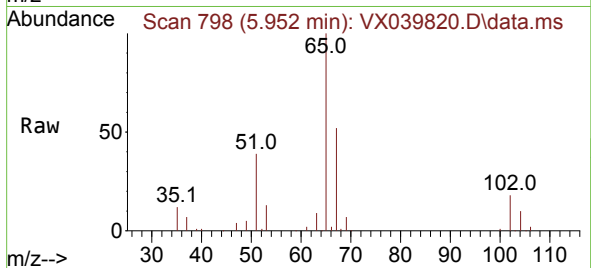
ClientSampleId :

Tgt Ion: 65 Resp: 73070

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039820.D

Acq: 18 Jan 2024 15:46

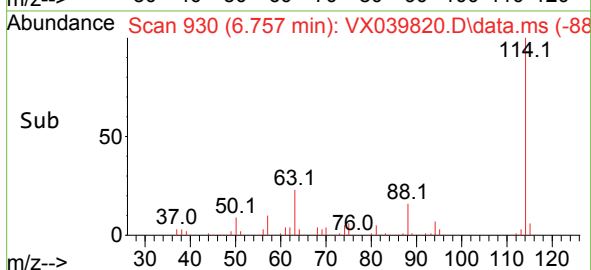
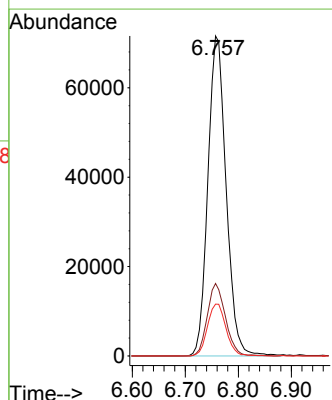
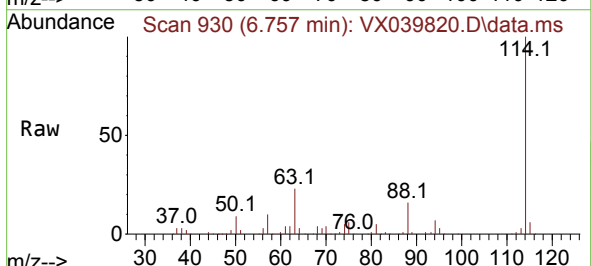
Tgt Ion: 114 Resp: 171136

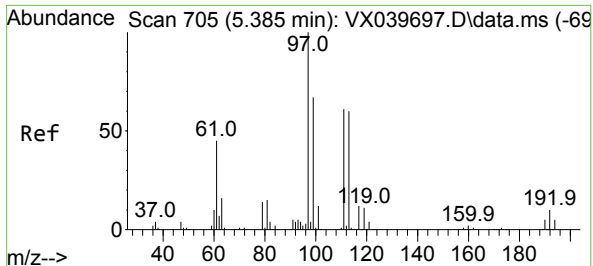
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

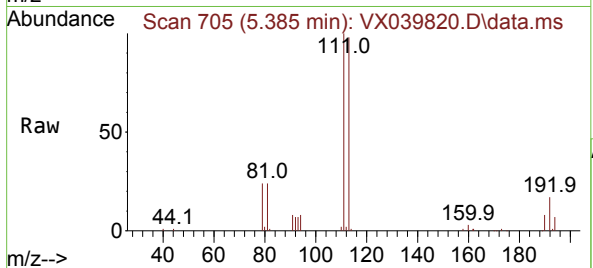
88 16.2 0.0 36.6



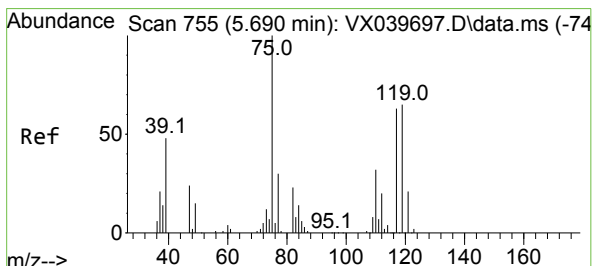
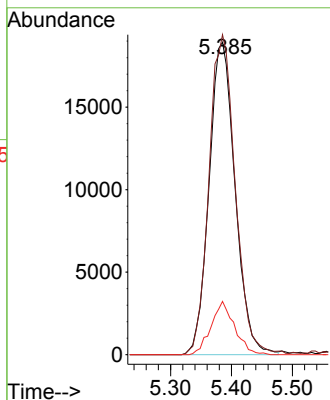
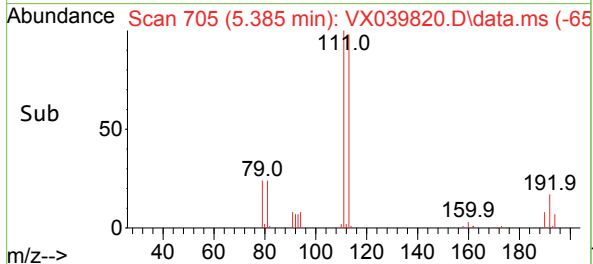


#35
Dibromofluoromethane
Concen: 48.735 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :

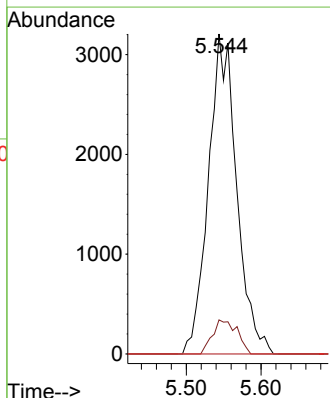
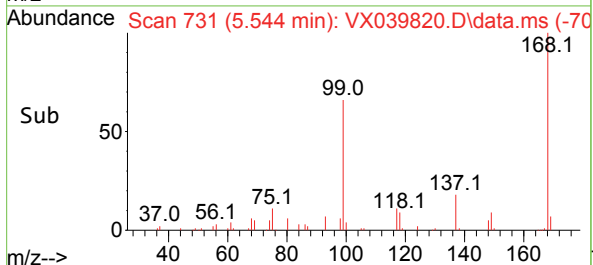
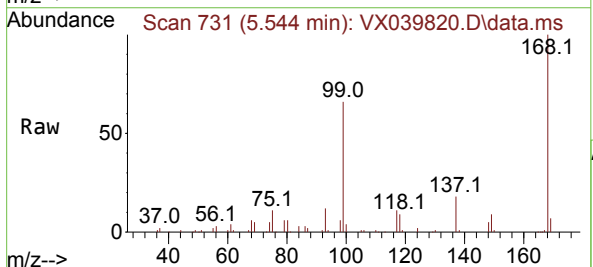


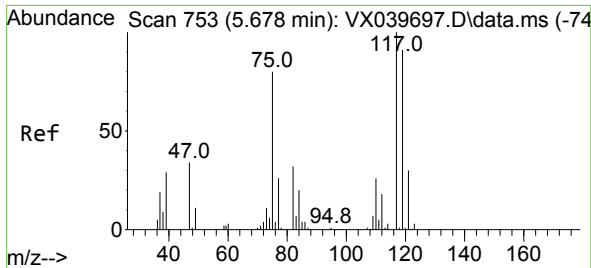
Tgt Ion:113 Resp: 56176
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46

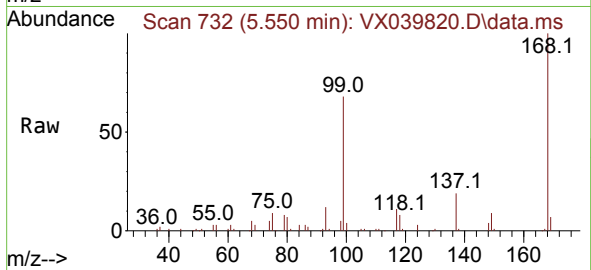
Tgt Ion: 75 Resp: 8419
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



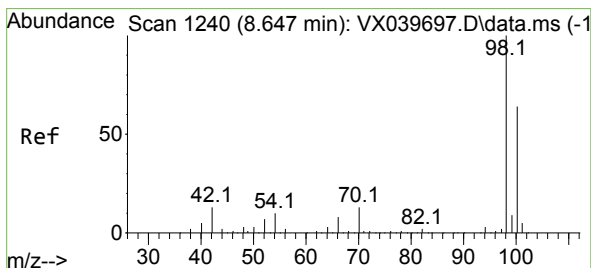
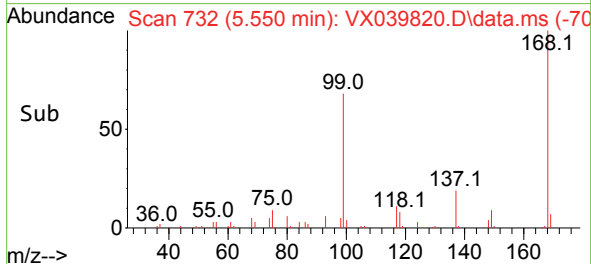
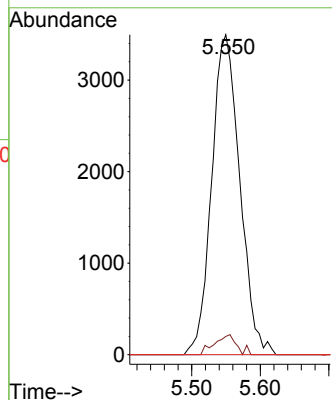


#38
Carbon Tetrachloride
Concen: 6.059 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :

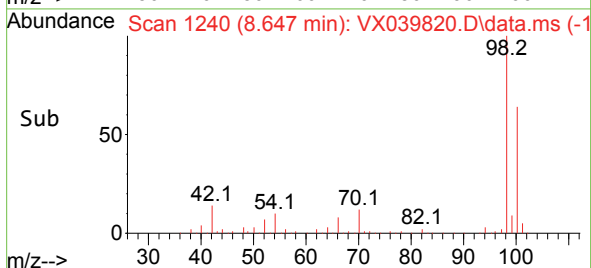
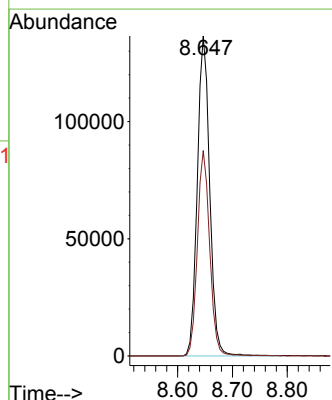
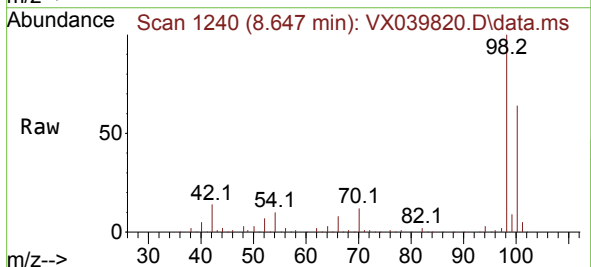


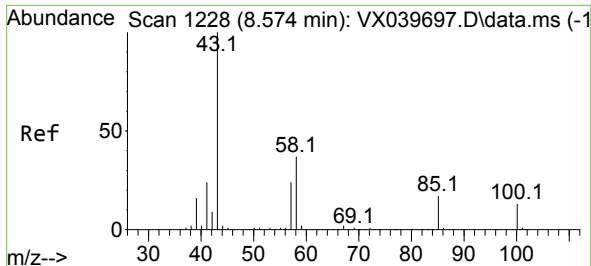
Tgt Ion:117 Resp: 9956
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.560 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46

Tgt Ion: 98 Resp: 215457
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.458 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

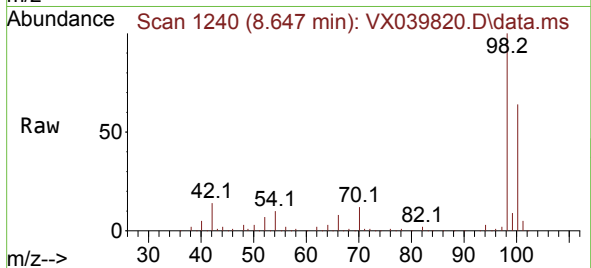
Lab File: VX039820.D

Acq: 18 Jan 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

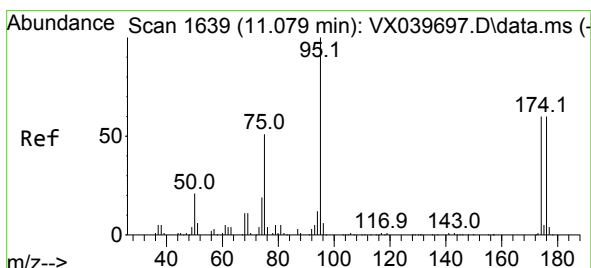
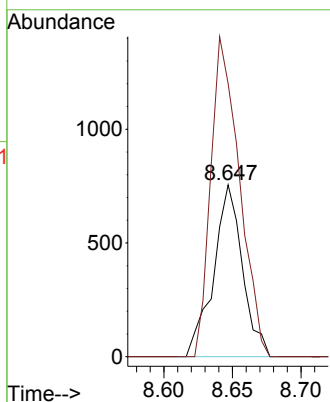
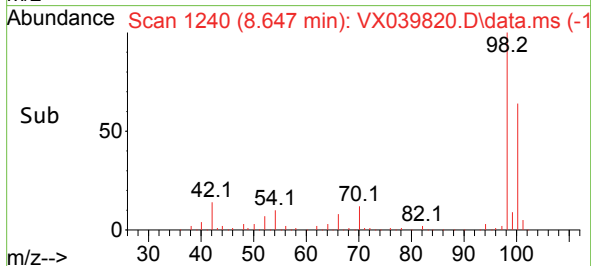


Tgt Ion: 43 Resp: 1108

Ion Ratio Lower Upper

43 100

58 184.3 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.285 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039820.D

Acq: 18 Jan 2024 15:46

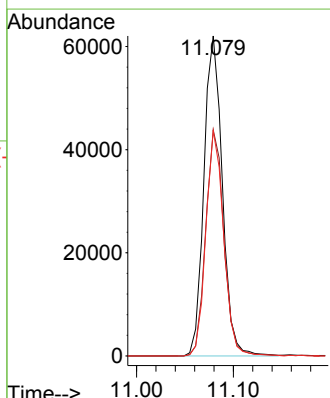
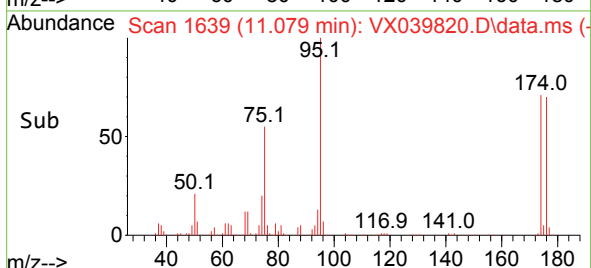
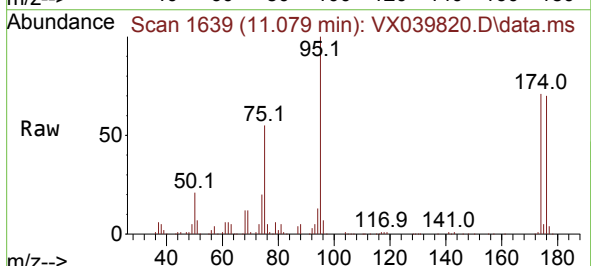
Tgt Ion: 95 Resp: 82086

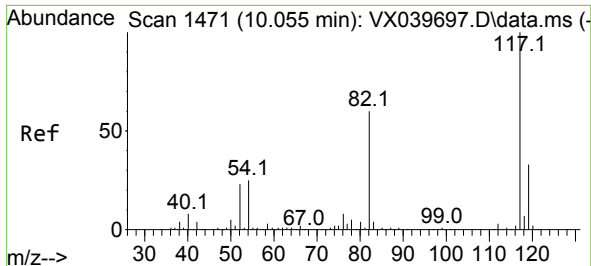
Ion Ratio Lower Upper

95 100

174 69.8 0.0 135.6

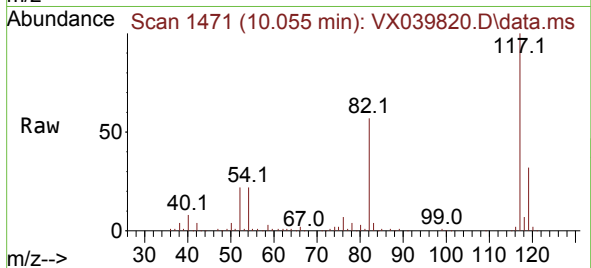
176 67.9 0.0 131.0



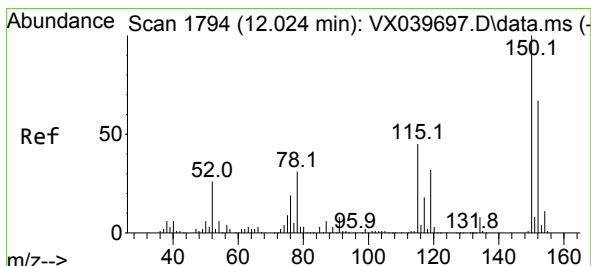
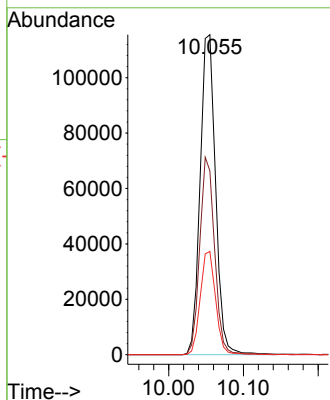
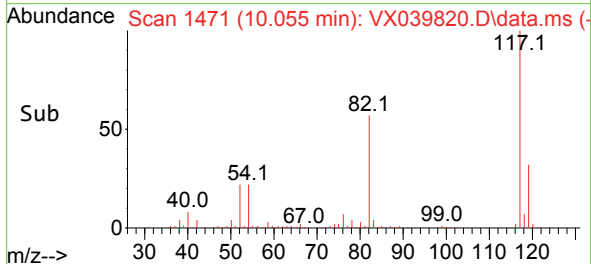


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46

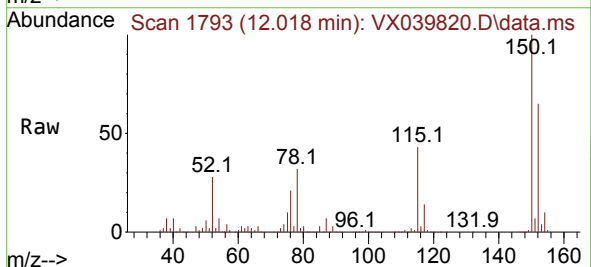
Instrument :
MSVOA_X
ClientSampleId :



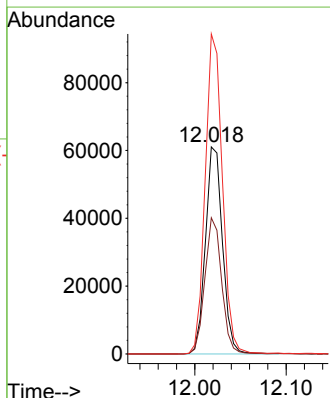
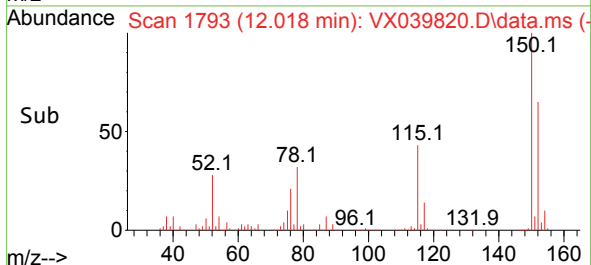
Tgt Ion:117 Resp: 165747
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.2 25.5 38.3

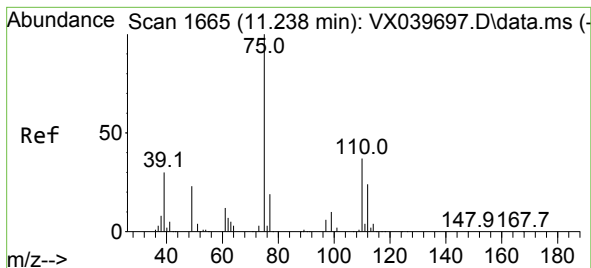


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039820.D
Acq: 18 Jan 2024 15:46



Tgt Ion:152 Resp: 79157
Ion Ratio Lower Upper
152 100
115 64.5 43.3 129.9
150 155.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.002 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

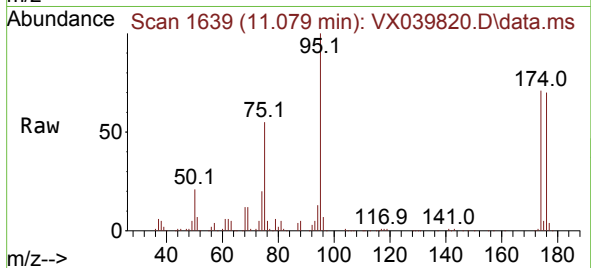
Lab File: VX039820.D

Acq: 18 Jan 2024 15:46

Instrument :

MSVOA_X

ClientSampleId :

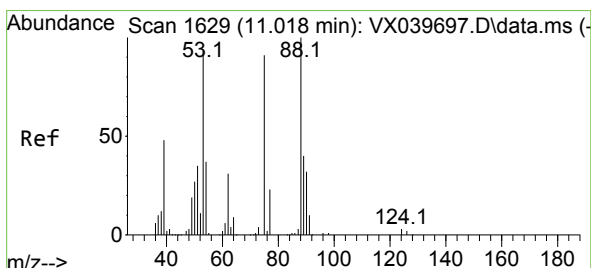
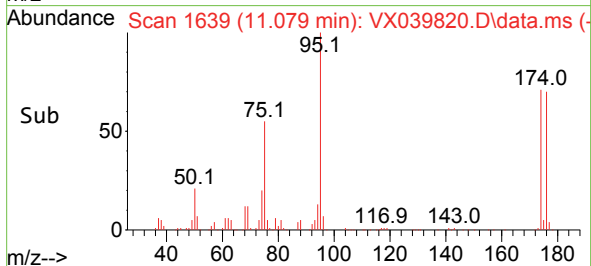
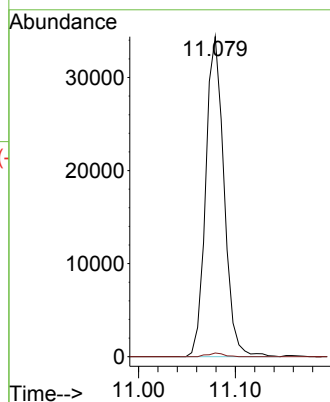


Tgt Ion: 75 Resp: 45153

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.851 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039820.D

Acq: 18 Jan 2024 15:46

Tgt Ion: 75 Resp: 45153

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

