

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039819.D
 Acq On : 18 Jan 2024 15:23
 Operator : JC/MD
 Sample : P1171-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 19 00:41:26 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)

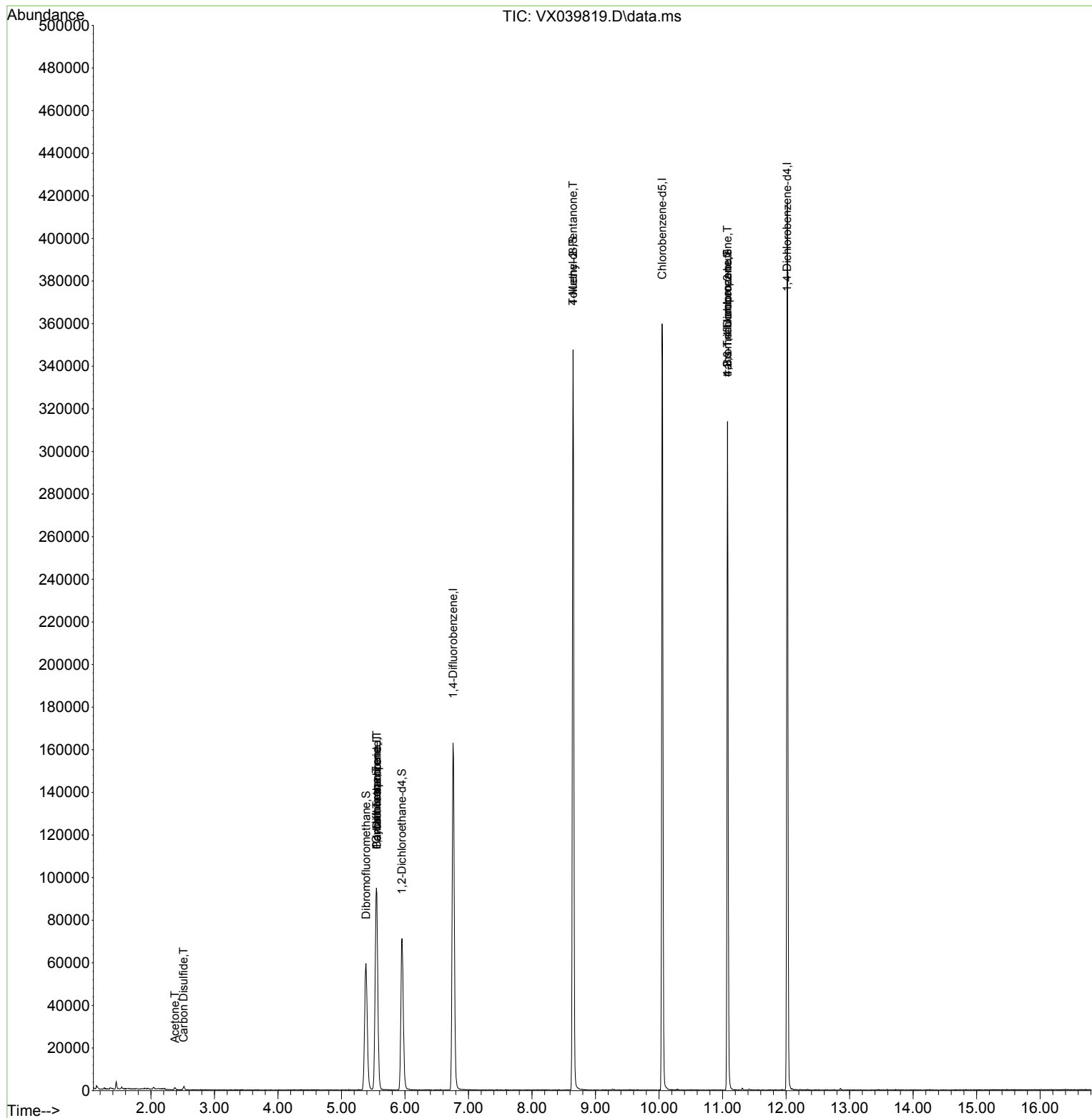
Internal Standards						
1) Pentafluorobenzene	5.556	168	85151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	157264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68602	48.094	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.180%
35) Dibromofluoromethane	5.385	113	52036	48.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.647	98	201423	49.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	81399	51.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.040%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1073	1.338	ug/l #	70
17) Carbon Disulfide	2.514	76	1238	0.420	ug/l #	76
31) Cyclohexane	5.550	56	2264	1.203	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	7871	4.675	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9390	6.089	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	929	0.409	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44350	21.561	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44350	62.711	ug/l #	5

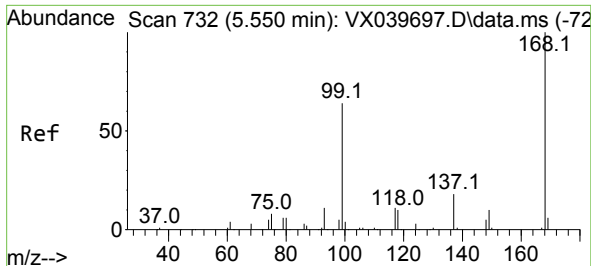
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 19 00:41:26 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

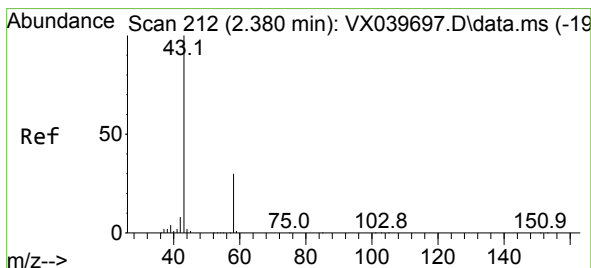
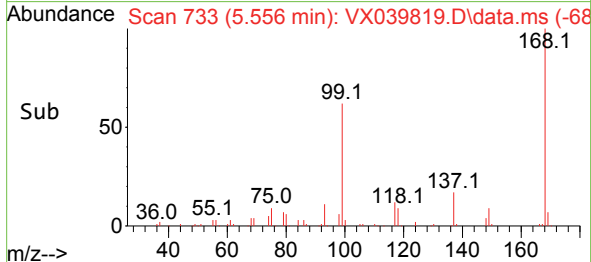
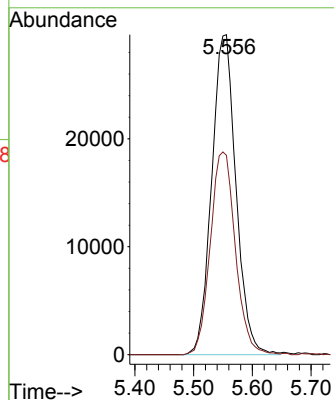
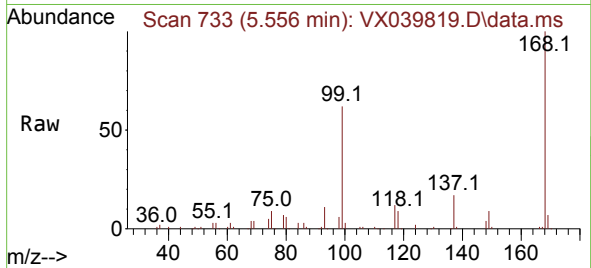




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

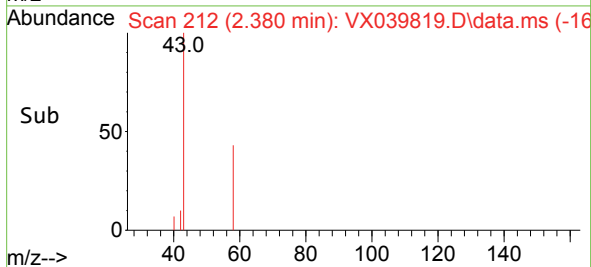
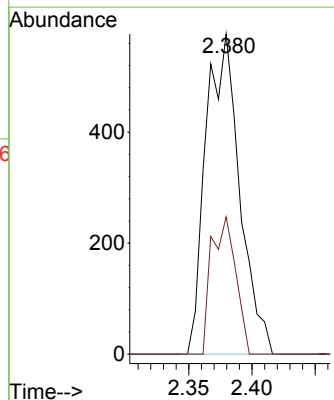
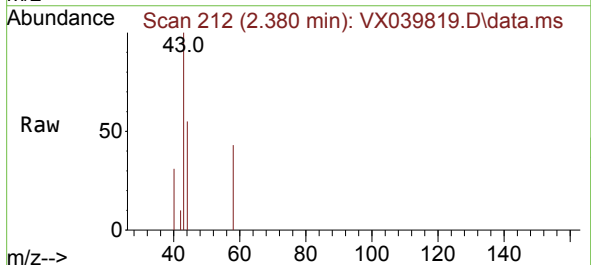
Instrument :
MSVOA_X
ClientSampleId :

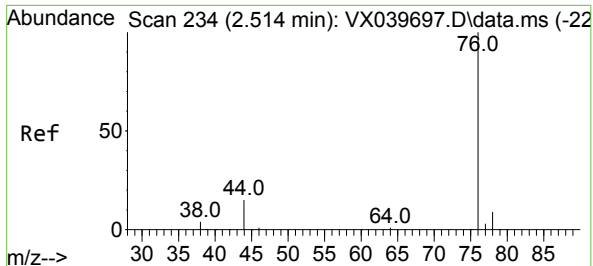
Tgt Ion:168 Resp: 85151
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#16
Acetone
Concen: 1.338 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 42.8 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.420 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

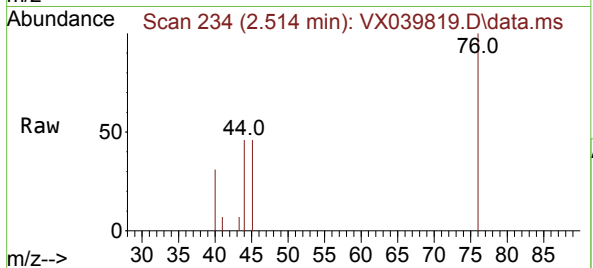
Lab File: VX039819.D

Acq: 18 Jan 2024 15:23

Instrument :

MSVOA_X

ClientSampleId :

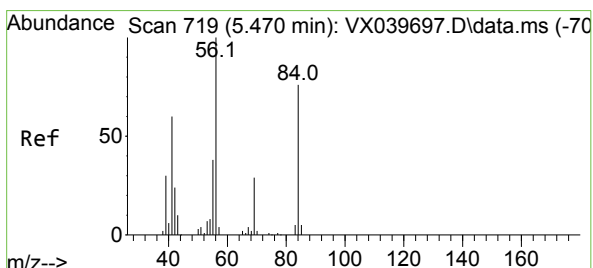
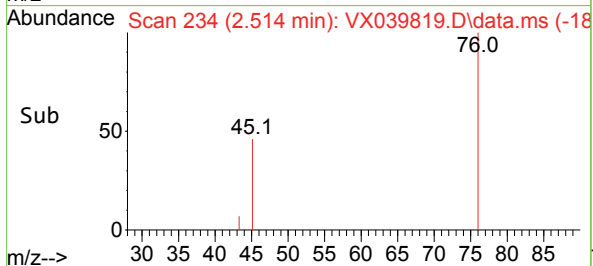
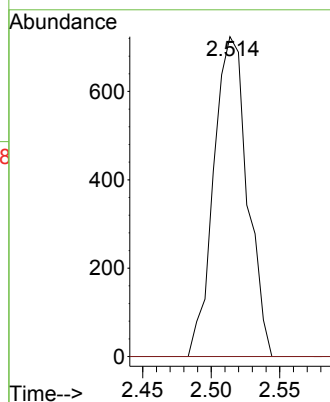


Tgt Ion: 76 Resp: 1238

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#31

Cyclohexane

Concen: 1.203 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX039819.D

Acq: 18 Jan 2024 15:23

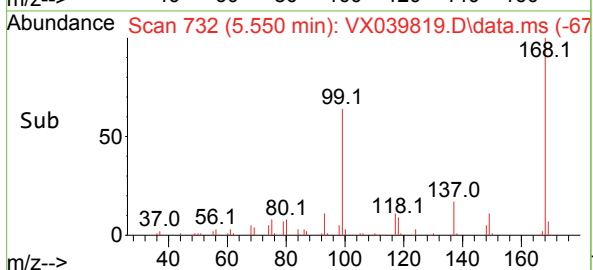
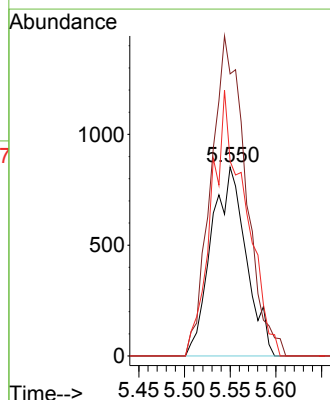
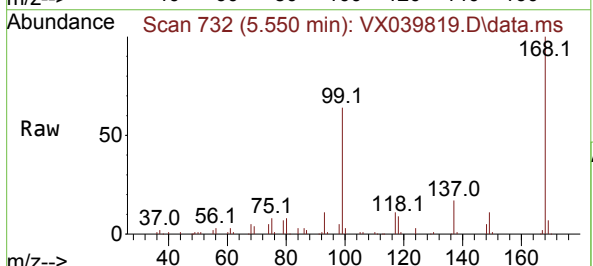
Tgt Ion: 56 Resp: 2264

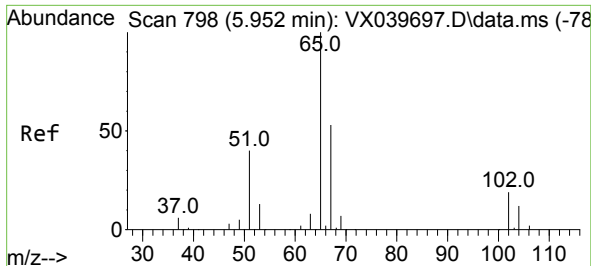
Ion Ratio Lower Upper

56 100

69 149.4 23.4 35.2#

84 103.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.094 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039819.D

Acq: 18 Jan 2024 15:23

Instrument :

MSVOA_X

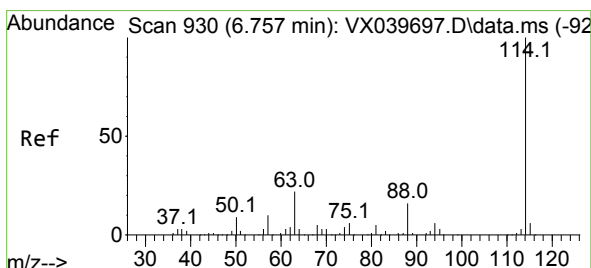
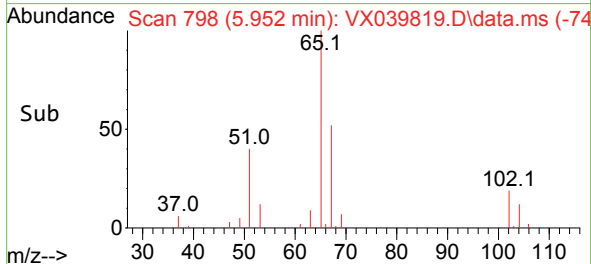
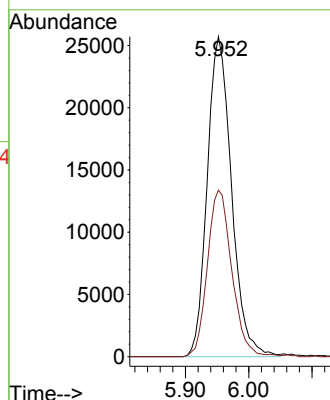
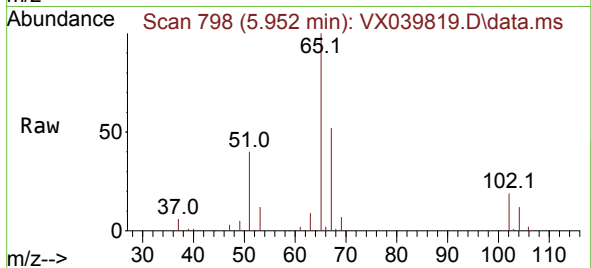
ClientSampleId :

Tgt Ion: 65 Resp: 68602

Ion Ratio Lower Upper

65 100

67 52.2 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: VX039819.D

Acq: 18 Jan 2024 15:23

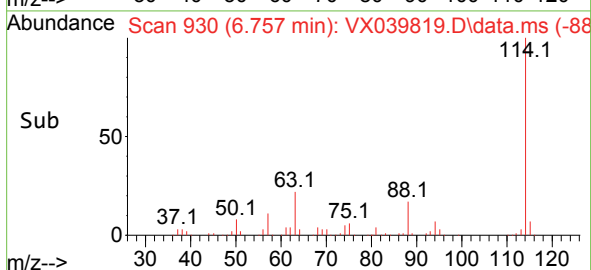
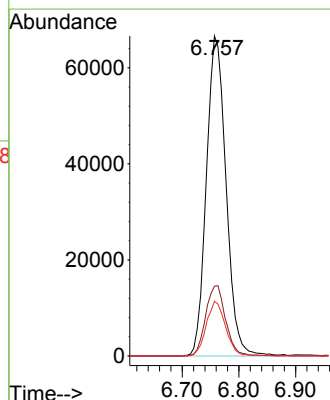
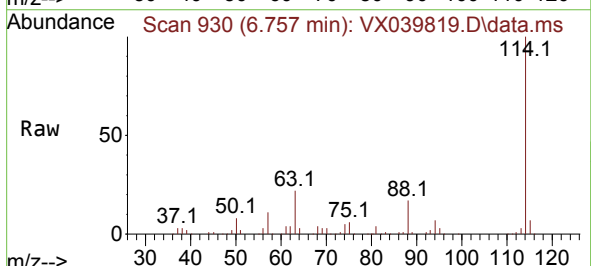
Tgt Ion: 114 Resp: 160606

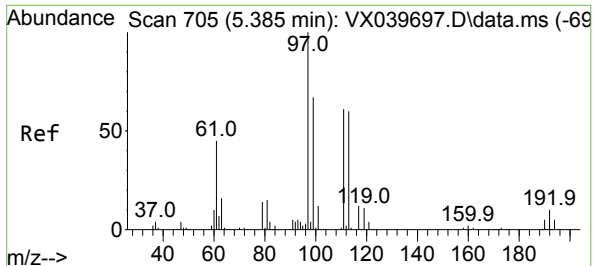
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

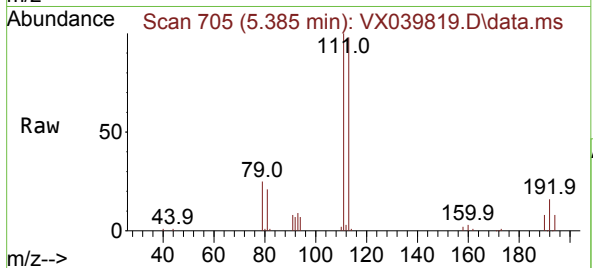
88 17.1 0.0 36.6



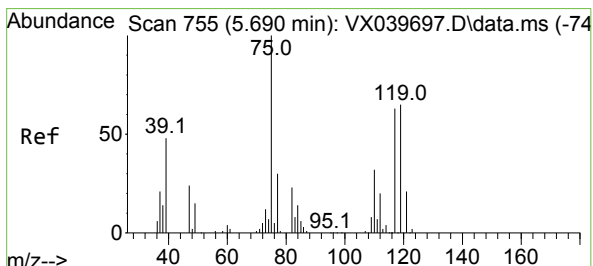
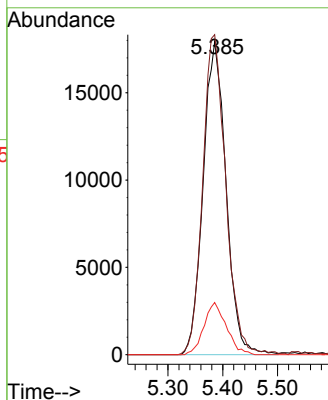
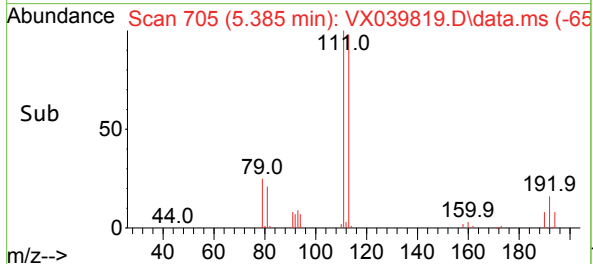


#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

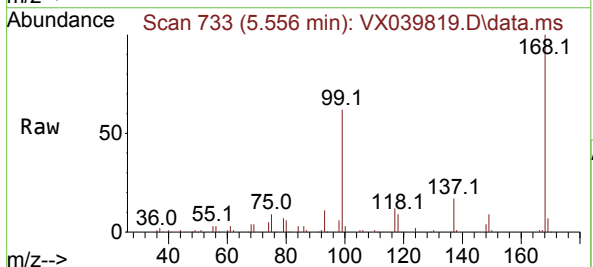
Instrument :
MSVOA_X
ClientSampleId :



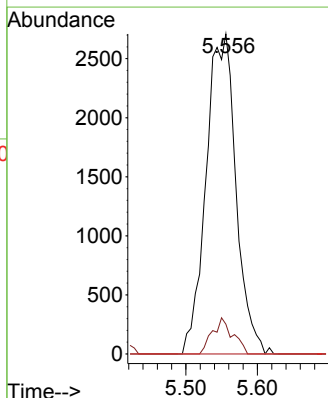
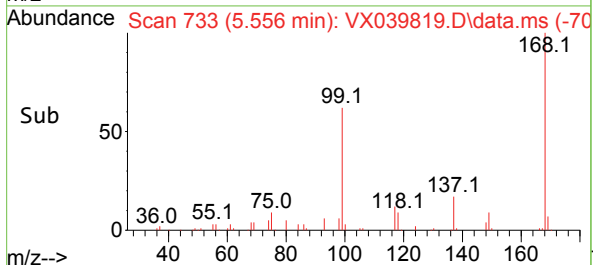
Tgt Ion:113 Resp: 52036
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.3 13.3 19.9

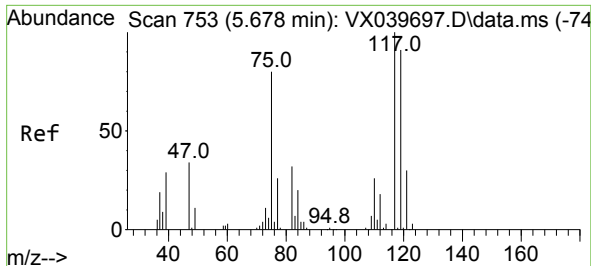


#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23



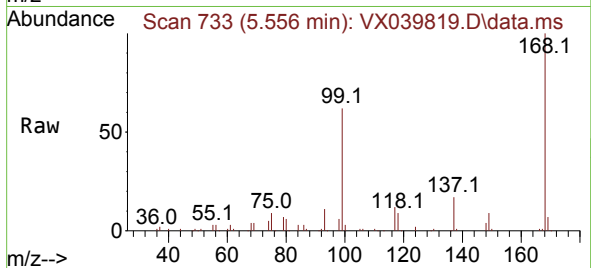
Tgt Ion: 75 Resp: 7871
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 24.7 37.1#



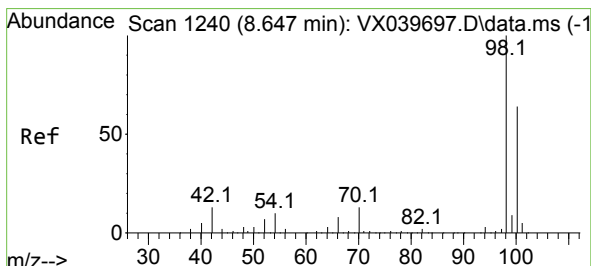
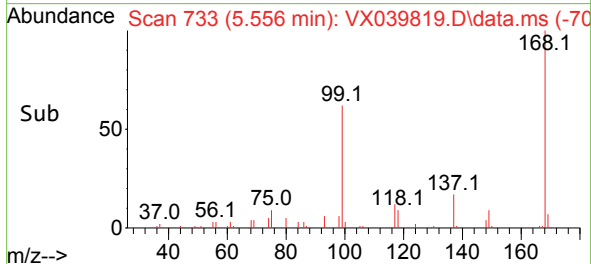
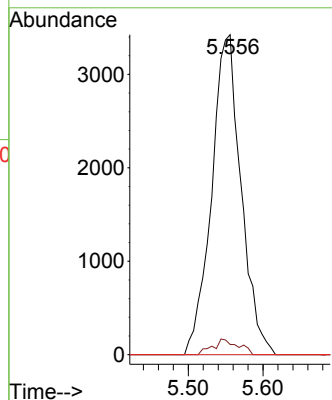


#38
Carbon Tetrachloride
Concen: 6.089 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

Instrument :
MSVOA_X
ClientSampleId :

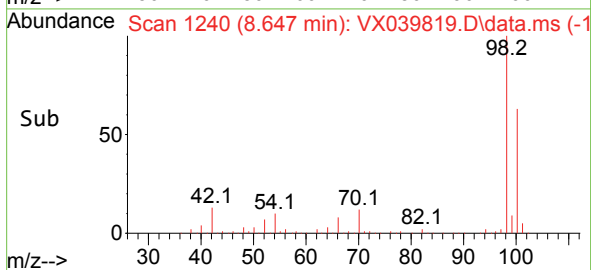
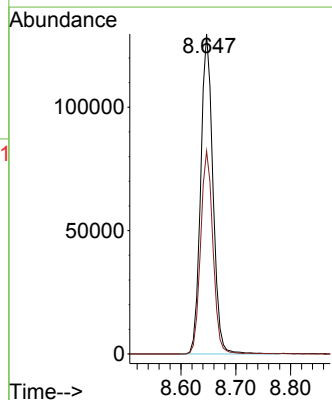
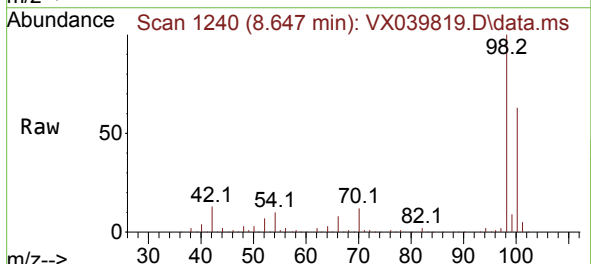


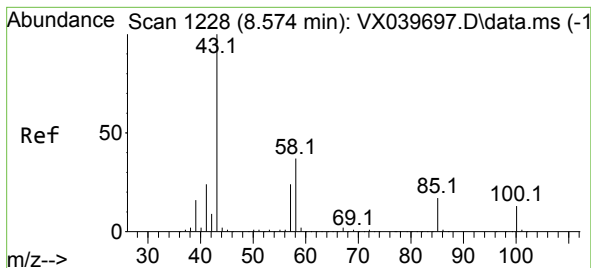
Tgt Ion:117 Resp: 9390
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.370 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

Tgt Ion: 98 Resp: 201423
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

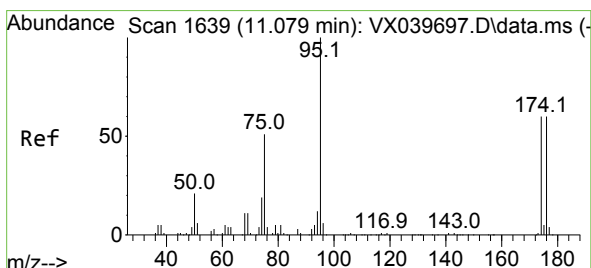
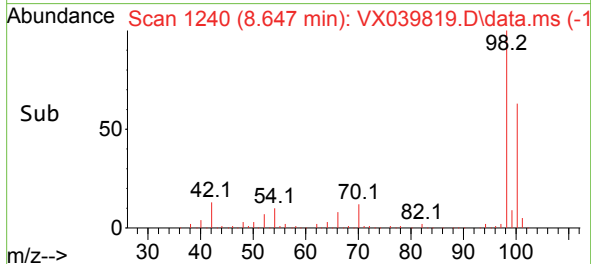
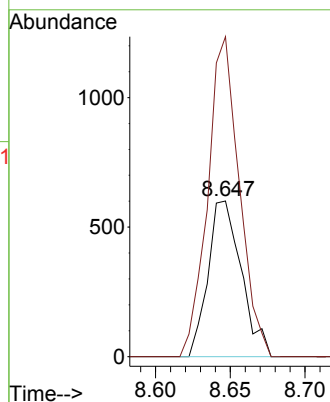
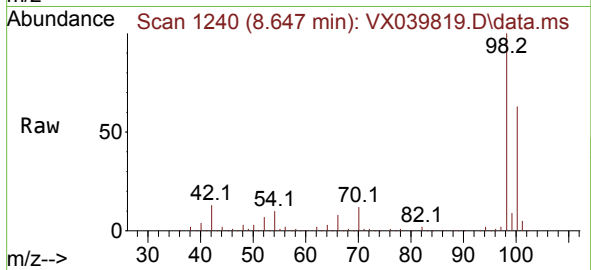




#51
 4-Methyl-2-Pentanone
 Concen: 0.409 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX039819.D
 Acq: 18 Jan 2024 15:23

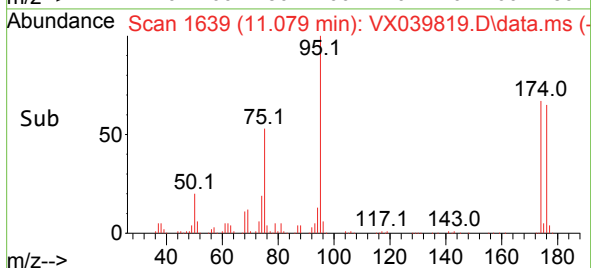
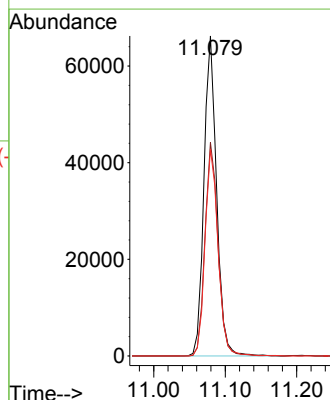
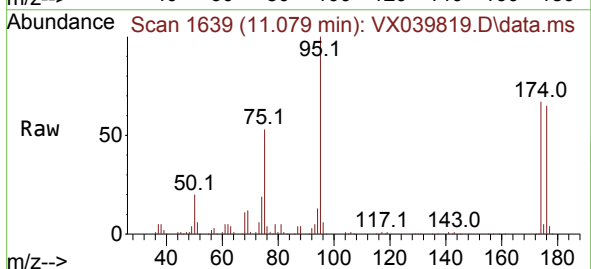
Instrument :
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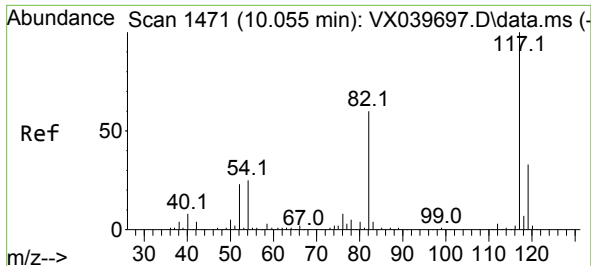
Tgt Ion: 43 Resp: 929
 Ion Ratio Lower Upper
 43 100
 58 195.5 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 51.020 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX039819.D
 Acq: 18 Jan 2024 15:23

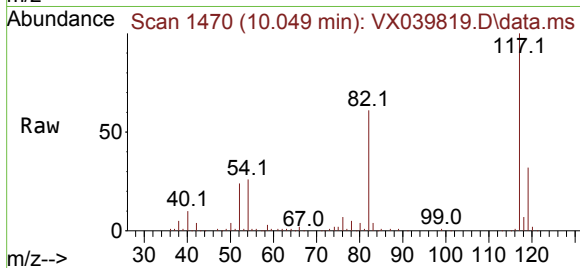
Tgt Ion: 95 Resp: 81399
 Ion Ratio Lower Upper
 95 100
 174 68.8 0.0 135.6
 176 66.7 0.0 131.0



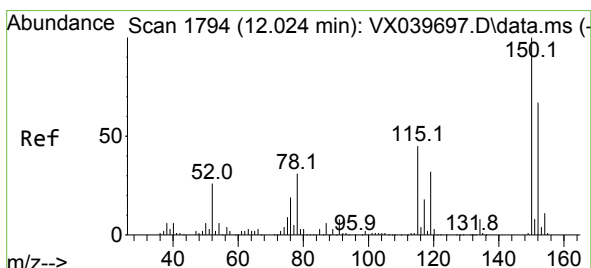
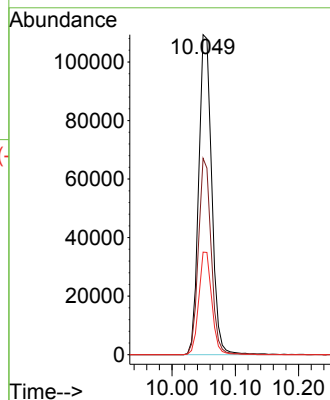
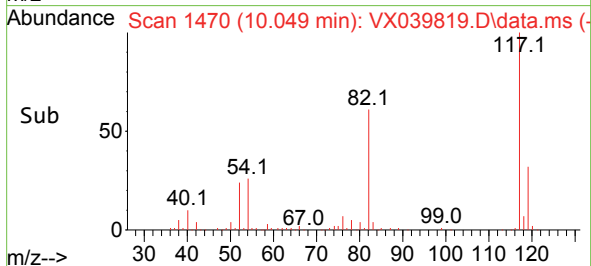


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

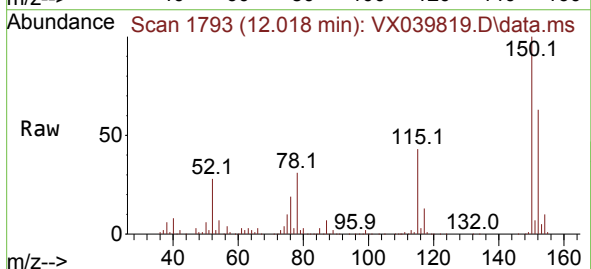
Instrument :
MSVOA_X
ClientSampleId :



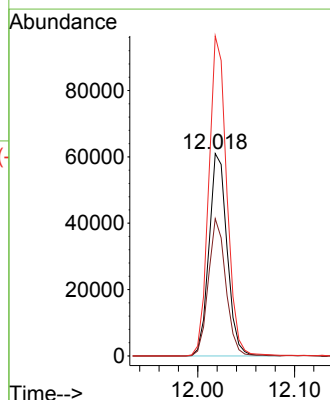
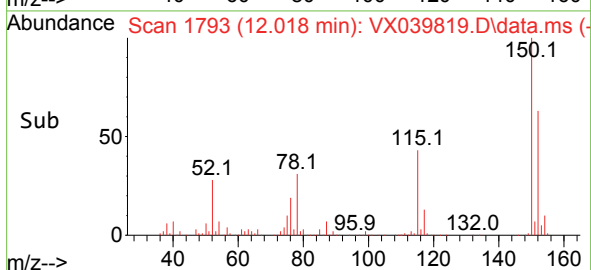
Tgt Ion:117 Resp: 157264
Ion Ratio Lower Upper
117 100
82 61.3 46.2 69.4
119 32.1 25.5 38.3

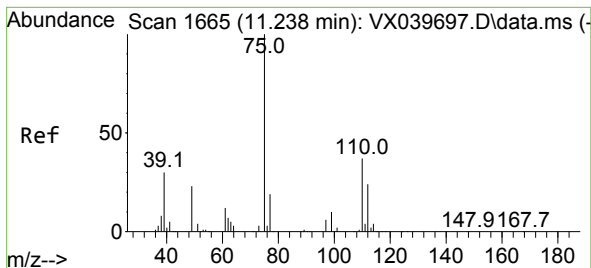


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23



Tgt Ion:152 Resp: 79339
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 156.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.561 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039819.D

Acq: 18 Jan 2024 15:23

Instrument :

MSVOA_X

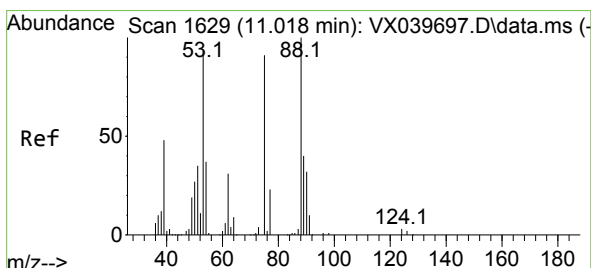
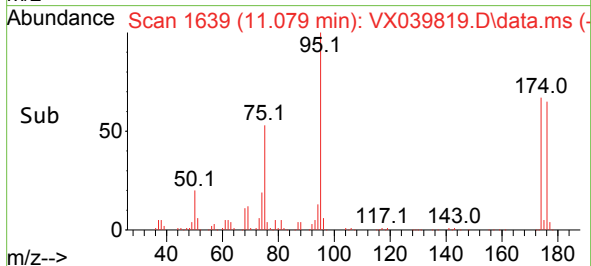
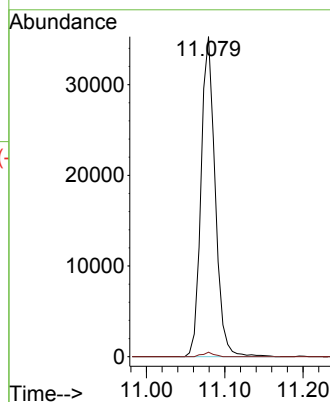
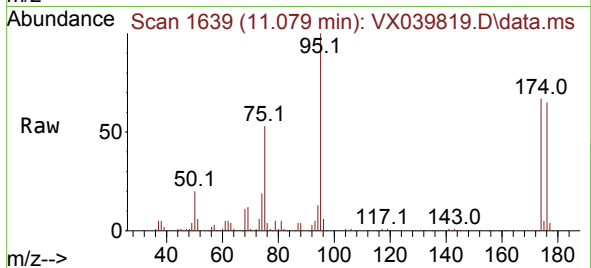
ClientSampleId :

Tgt Ion: 75 Resp: 44350

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.711 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039819.D

Acq: 18 Jan 2024 15:23

Tgt Ion: 75 Resp: 44350

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

