

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039816.D
 Acq On : 18 Jan 2024 14:16
 Operator : JC/MD
 Sample : P1171-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 19 00:40:20 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)

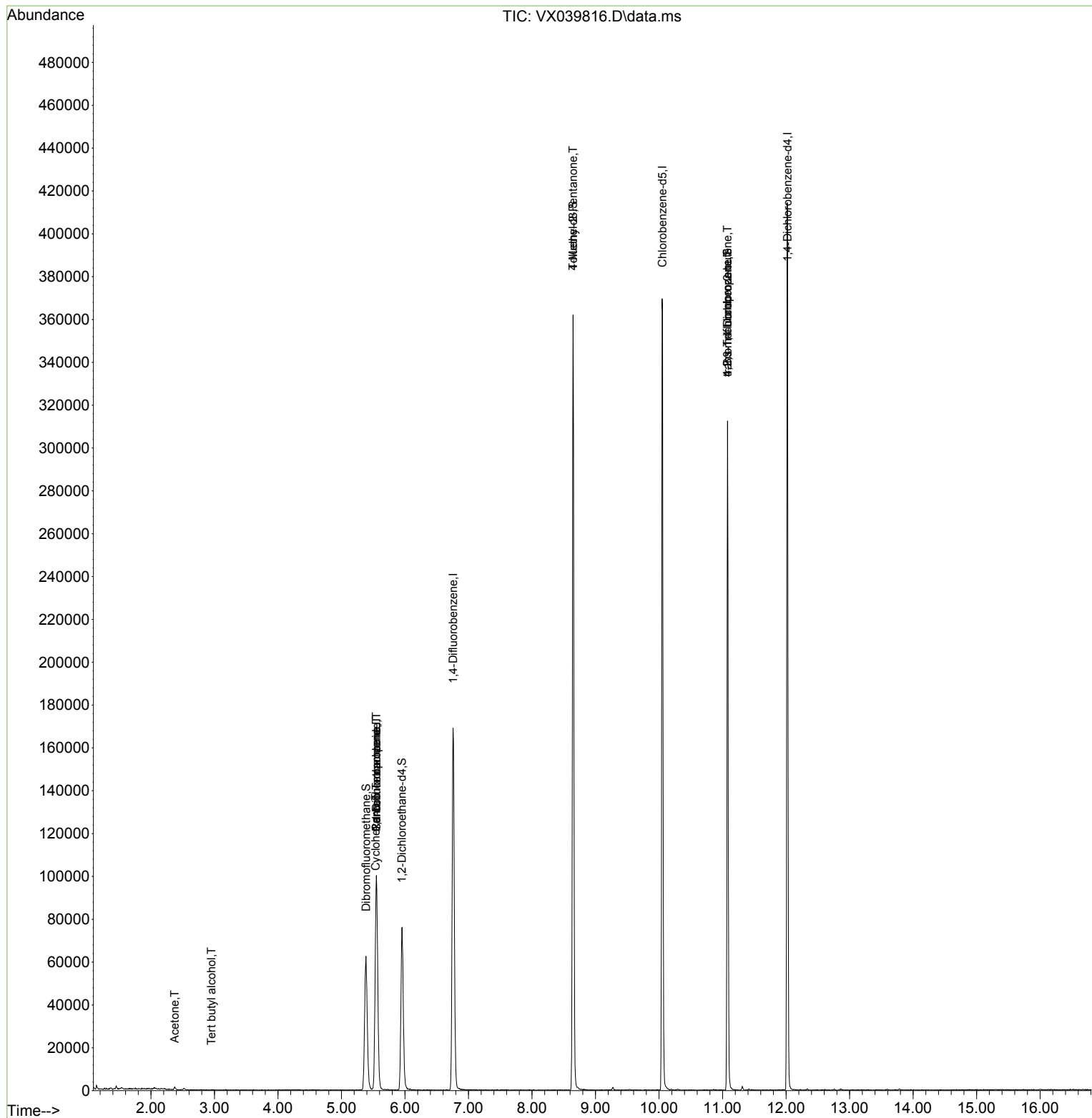
Internal Standards						
1) Pentafluorobenzene	5.550	168	89631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69362	46.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.400%
35) Dibromofluoromethane	5.385	113	53150	47.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	8.647	98	208092	49.064	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	82433	49.702	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	103	0.264	ug/l #	78
16) Acetone	2.373	43	1385	1.640	ug/l #	74
31) Cyclohexane	5.538	56	2449	1.236	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	8126	4.642	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9668	6.031	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1111	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44851	21.959	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44851	63.740	ug/l #	5

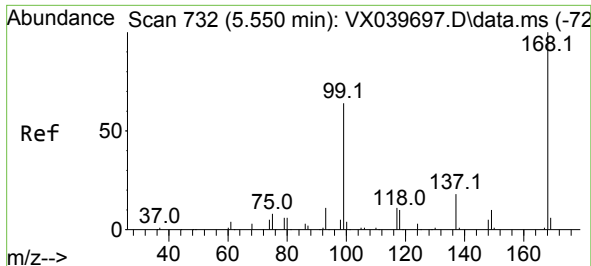
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 19 00:40:20 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

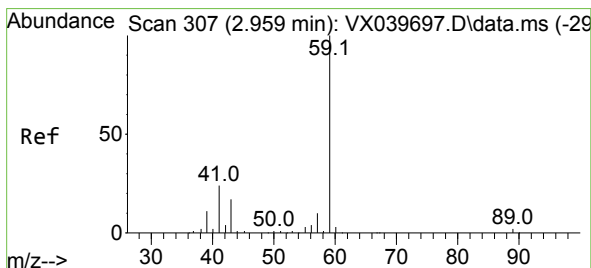
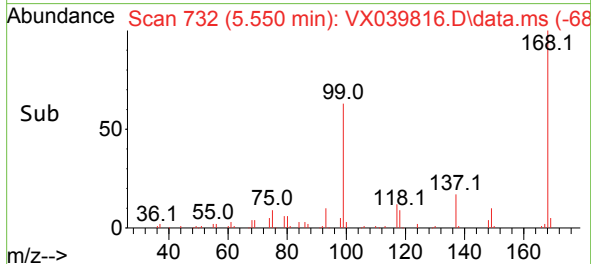
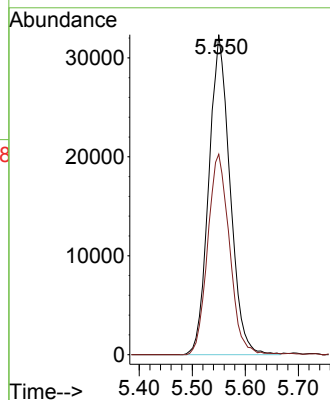
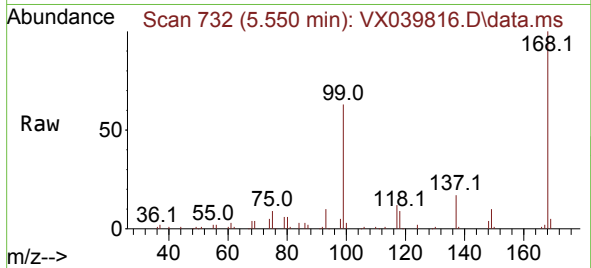




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

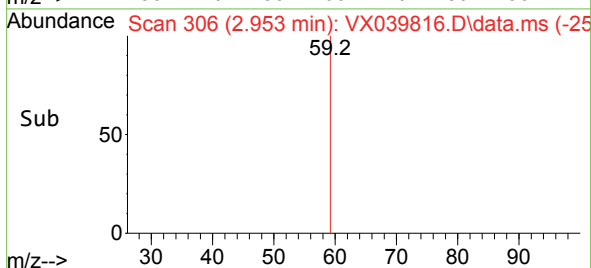
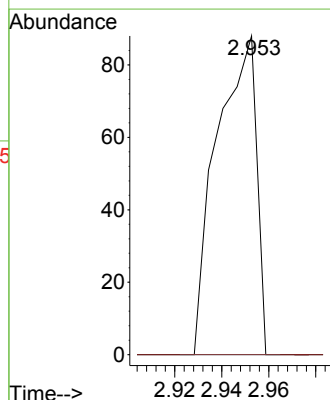
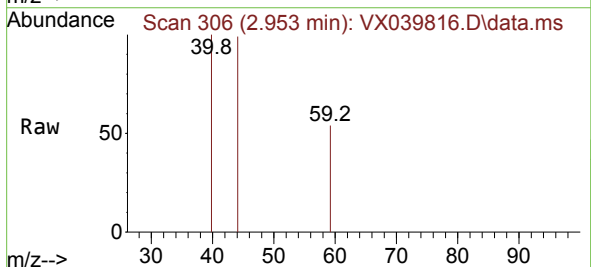
Instrument :
MSVOA_X
ClientSampleId :

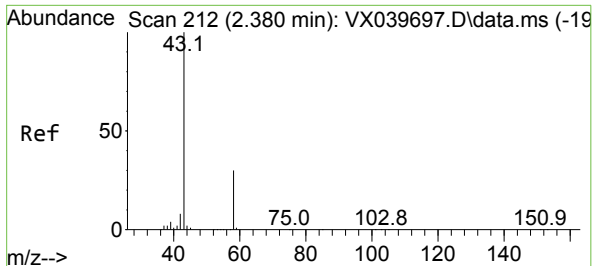
Tgt Ion:168 Resp: 89631
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.264 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

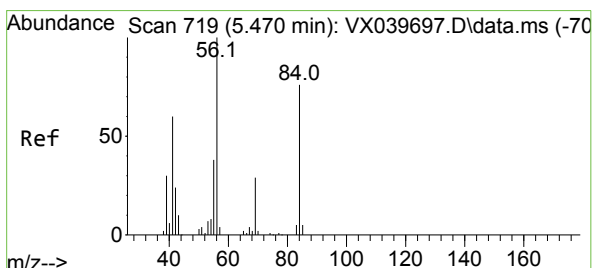
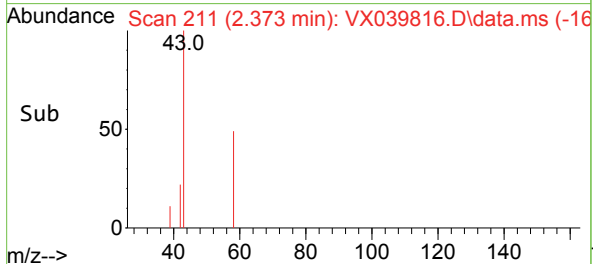
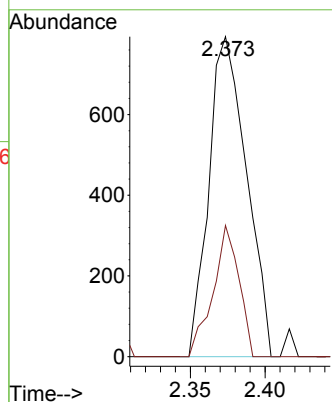
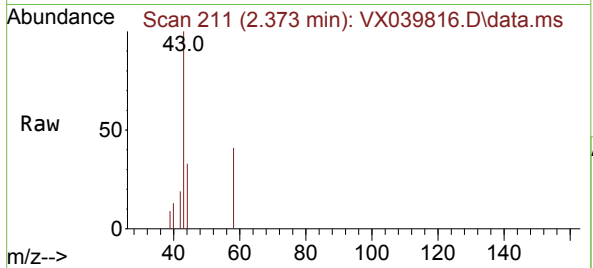




#16
Acetone
Concen: 1.640 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

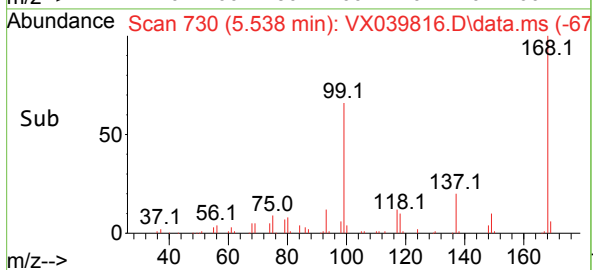
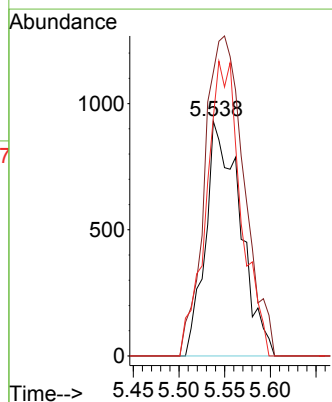
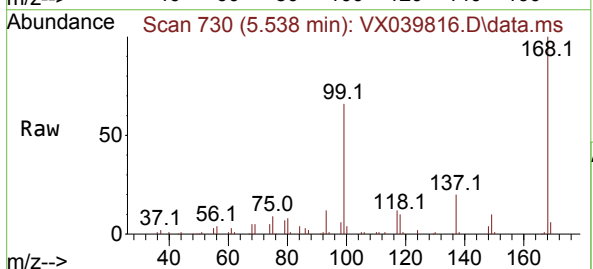
Instrument :
MSVOA_X
ClientSampleId :

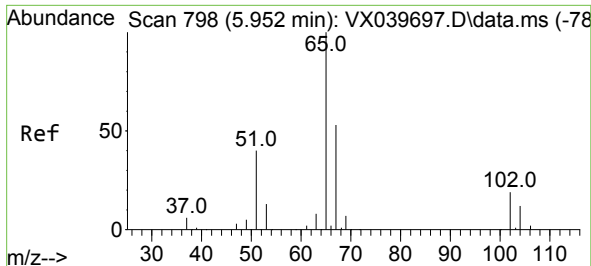
Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
58 41.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

Tgt Ion: 56 Resp: 2449
Ion Ratio Lower Upper
56 100
69 120.9 23.4 35.2#
84 101.5 65.9 98.9#

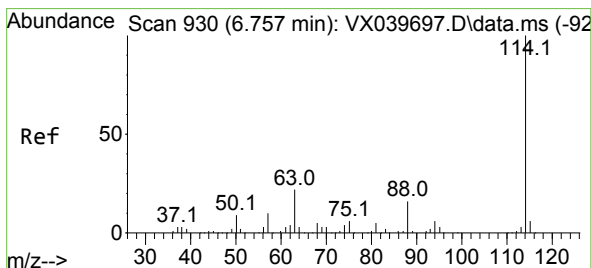
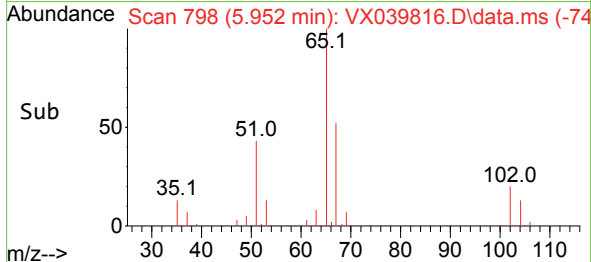
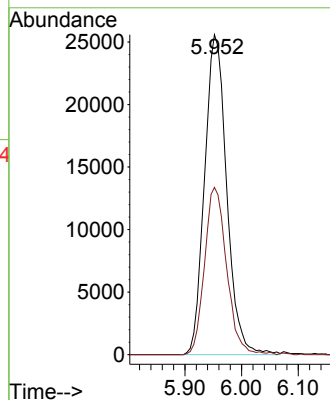
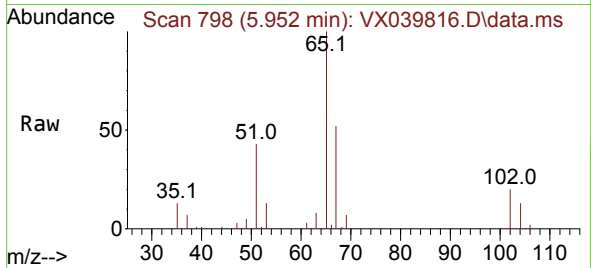




#33
1,2-Dichloroethane-d4
Concen: 46.197 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

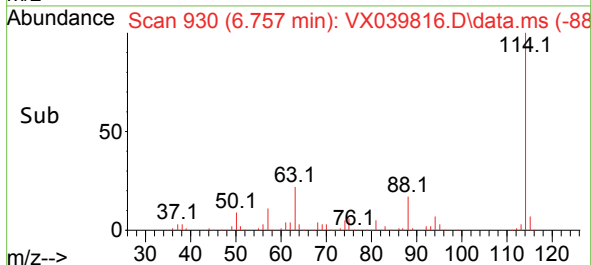
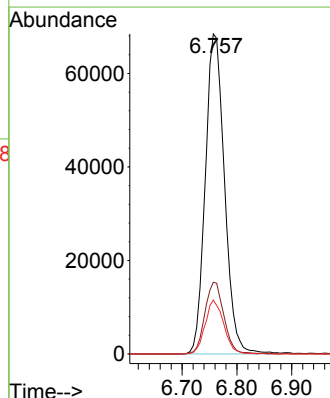
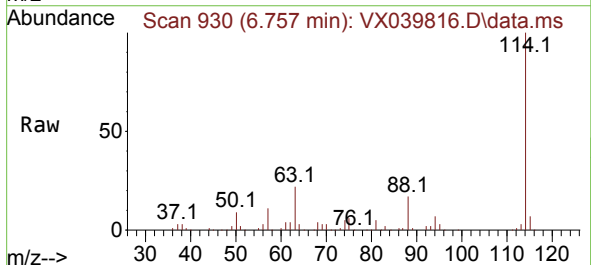
Instrument :
MSVOA_X
ClientSampleId :

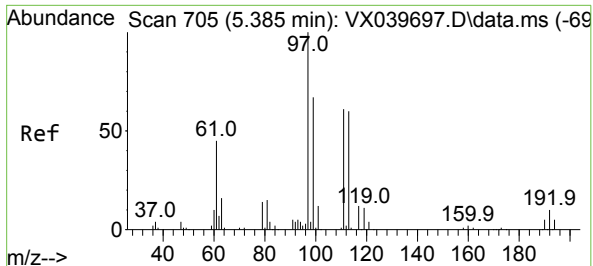
Tgt Ion: 65 Resp: 69362
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

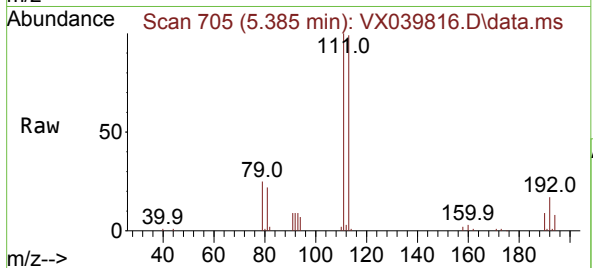
Tgt Ion: 114 Resp: 166959
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 16.9 0.0 36.6



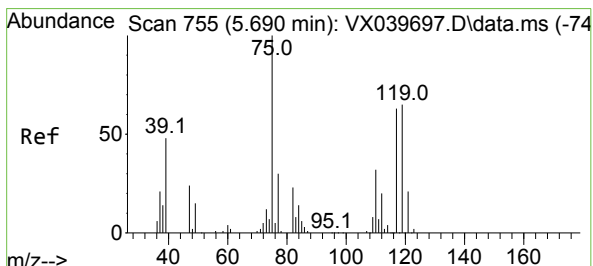
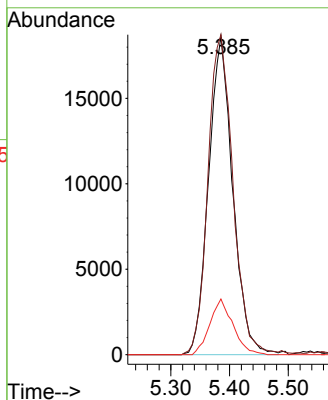
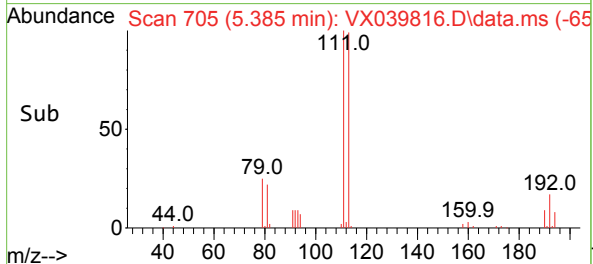


#35
Dibromofluoromethane
Concen: 47.264 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :

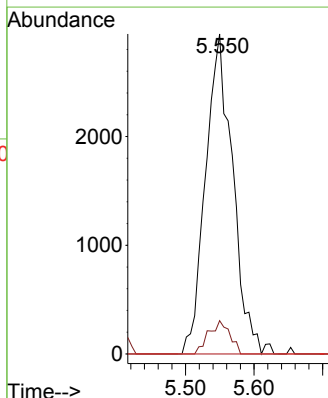
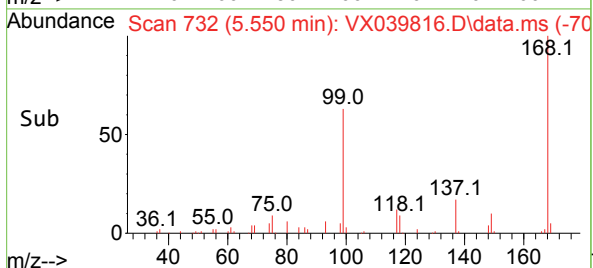
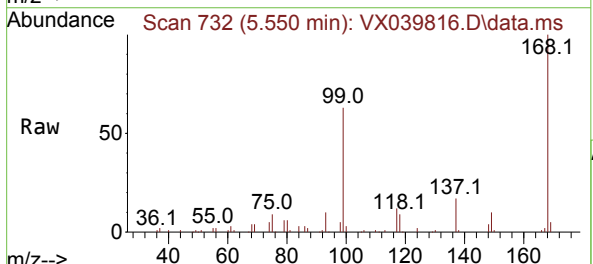


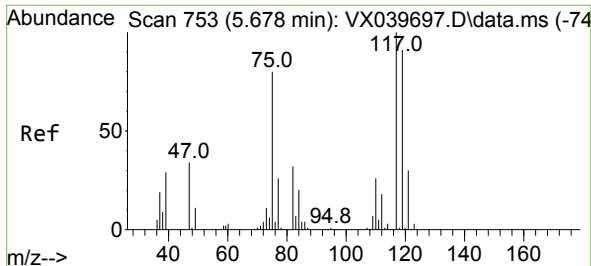
Tgt Ion:113 Resp: 53150
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

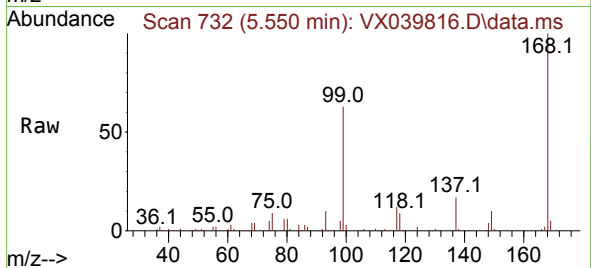
Tgt Ion: 75 Resp: 8126
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



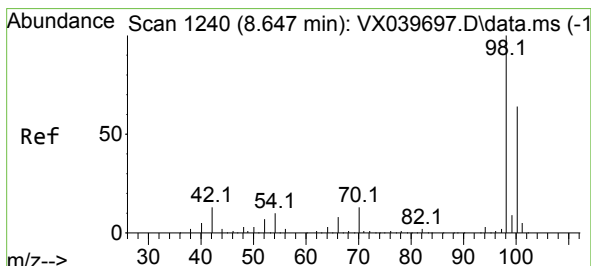
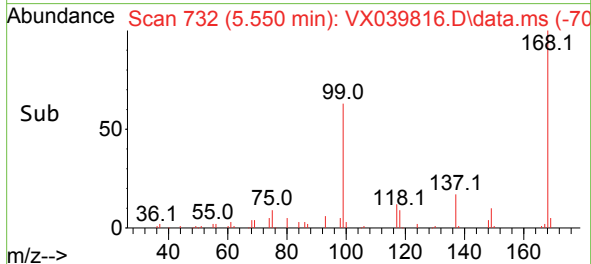
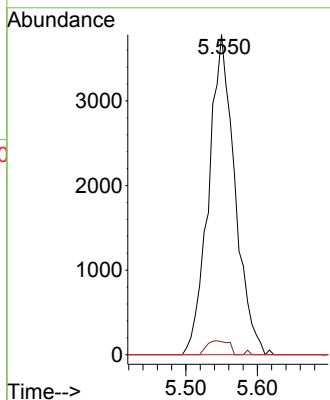


#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :

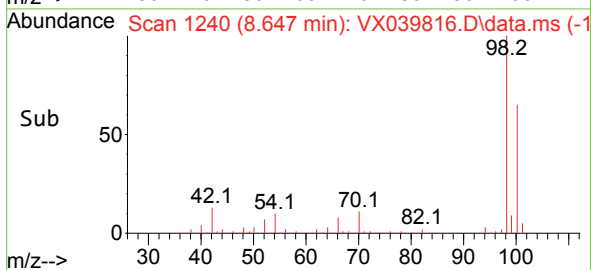
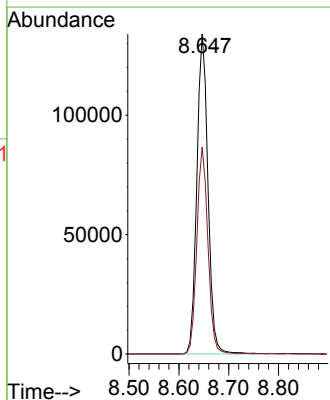
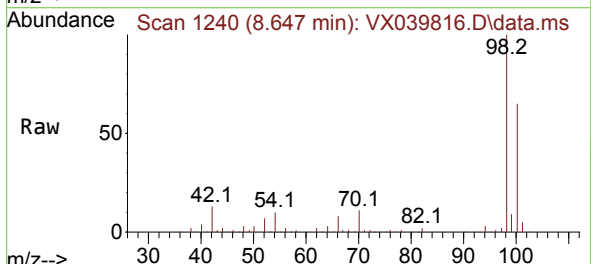


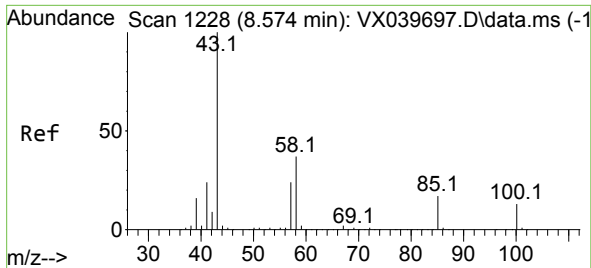
Tgt Ion:117 Resp: 9668
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.064 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

Tgt Ion: 98 Resp: 208092
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

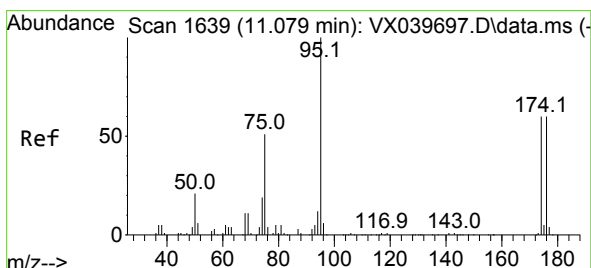
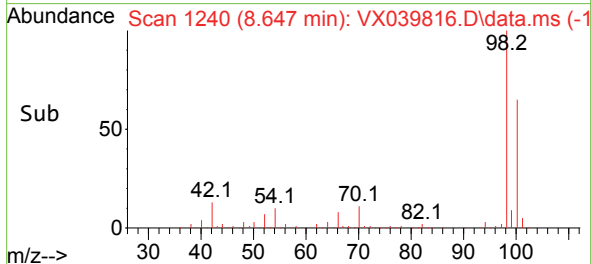
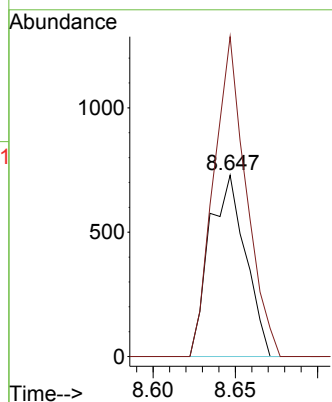
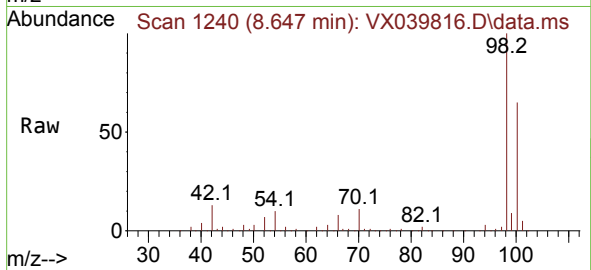




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

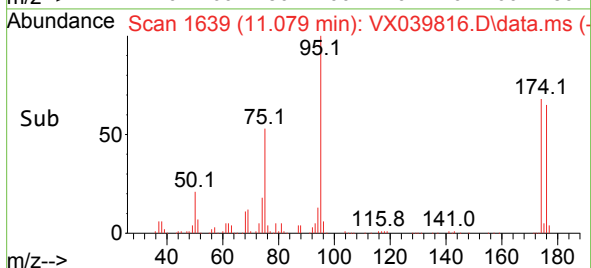
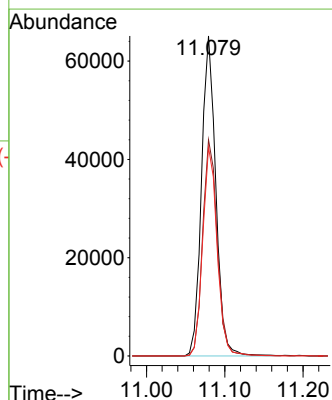
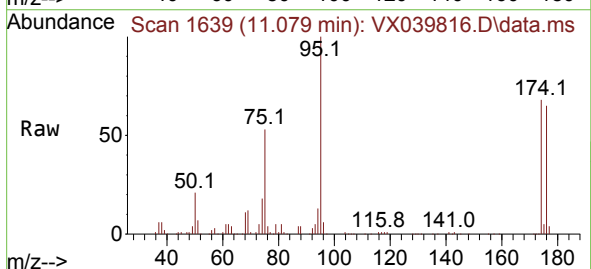
Instrument :
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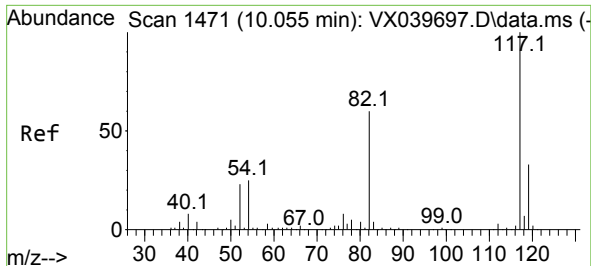
Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 158.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

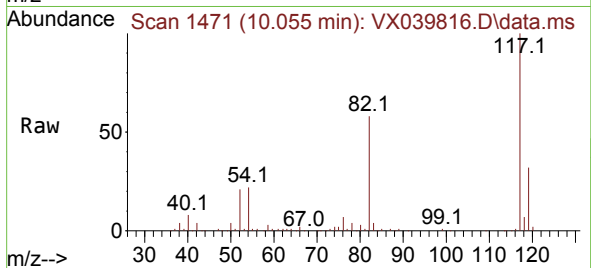
Tgt Ion: 95 Resp: 82433
Ion Ratio Lower Upper
95 100
174 69.6 0.0 135.6
176 65.9 0.0 131.0



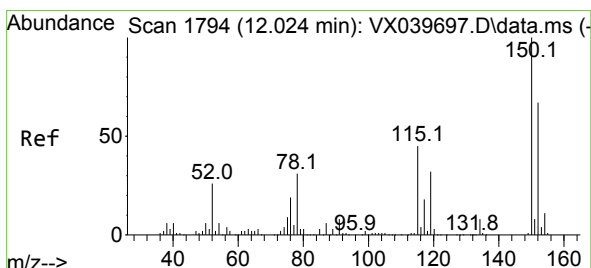
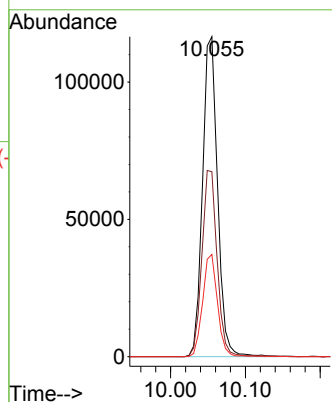
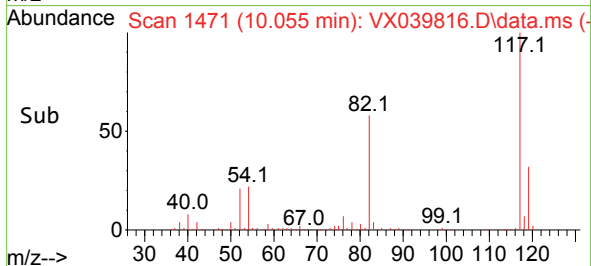


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16

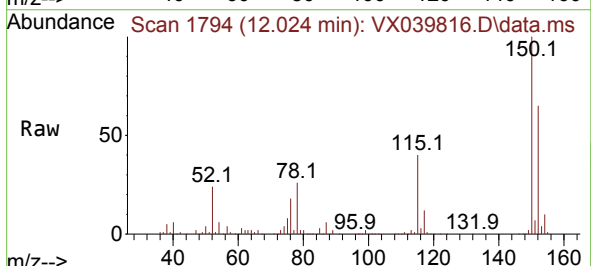
Instrument :
MSVOA_X
ClientSampleId :



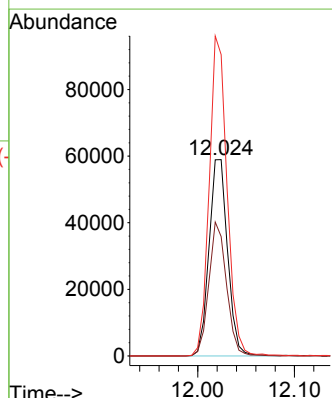
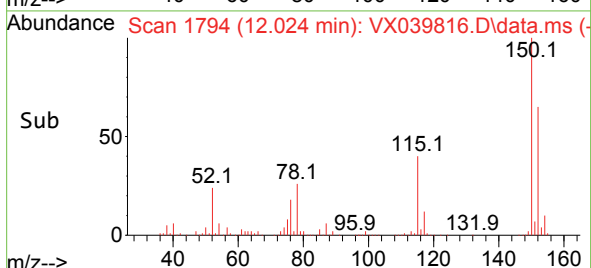
Tgt Ion:117 Resp: 162729
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.0 25.5 38.3

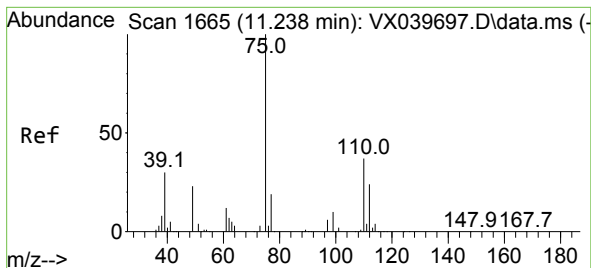


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039816.D
Acq: 18 Jan 2024 14:16



Tgt Ion:152 Resp: 78781
Ion Ratio Lower Upper
152 100
115 64.9 43.3 129.9
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.959 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039816.D

Acq: 18 Jan 2024 14:16

Instrument :

MSVOA_X

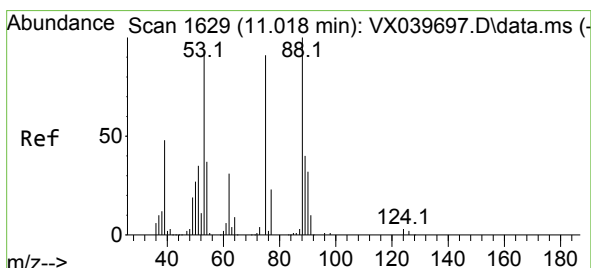
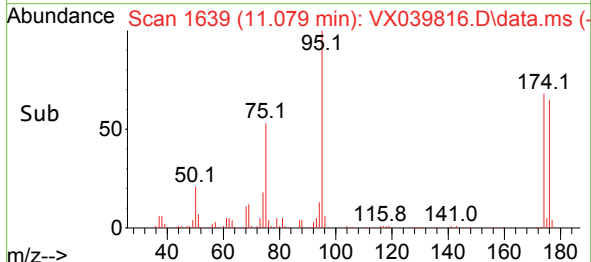
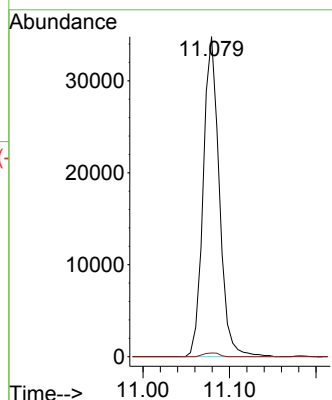
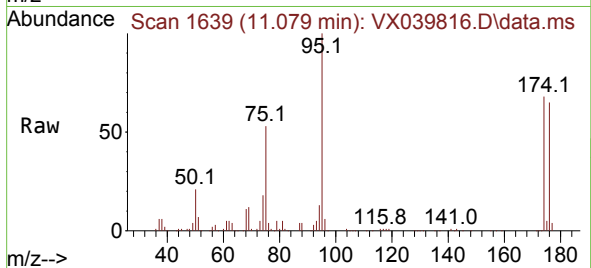
ClientSampleId :

Tgt Ion: 75 Resp: 44851

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.740 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039816.D

Acq: 18 Jan 2024 14:16

Tgt Ion: 75 Resp: 44851

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

