

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039888.D
 Acq On : 22 Jan 2024 16:53
 Operator : JC/MD
 Sample : P1186-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 23 00:19:24 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)

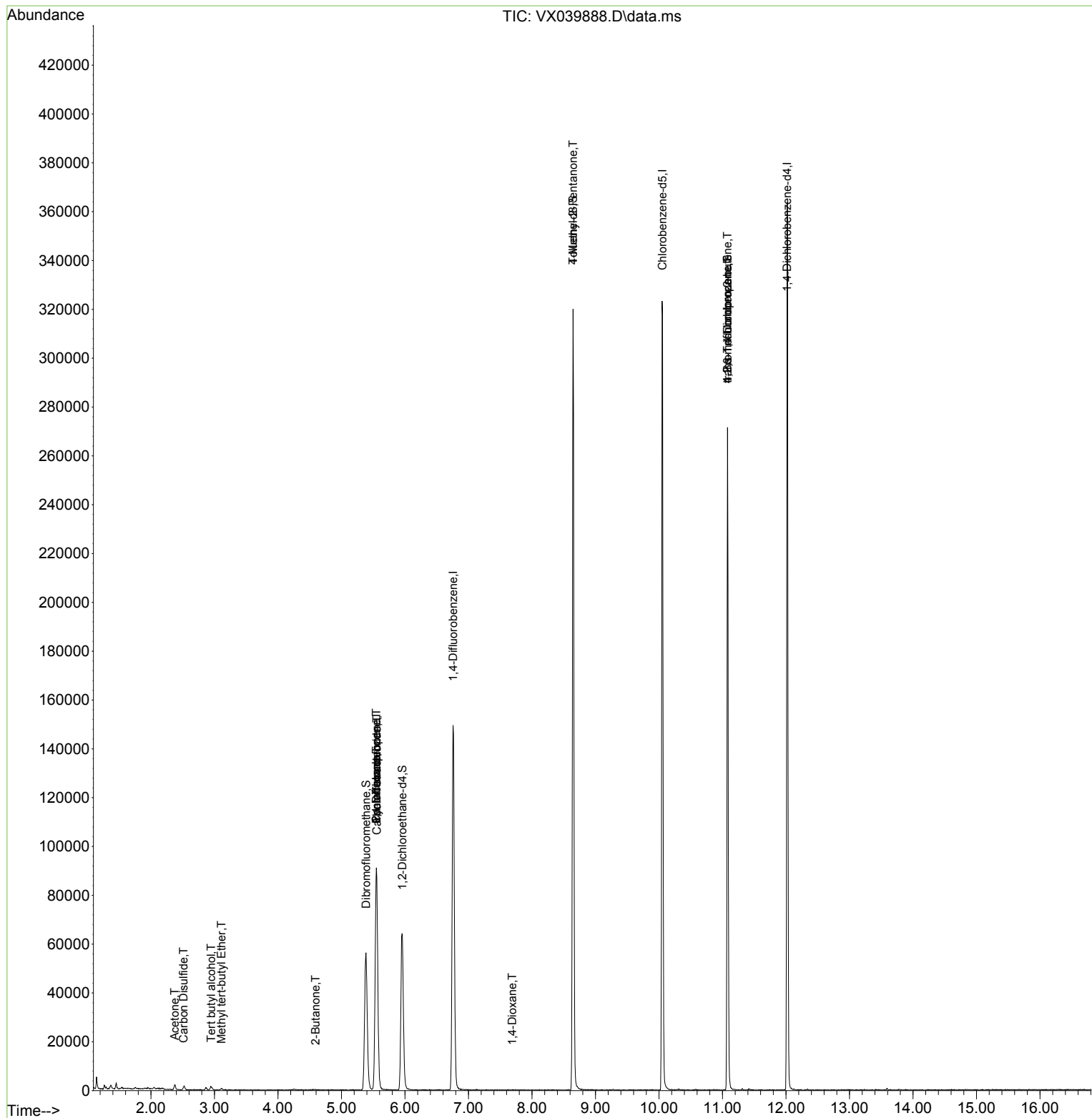
Internal Standards						
1) Pentafluorobenzene	5.550	168	81043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64180	47.275	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.540%
35) Dibromofluoromethane	5.385	113	48781	49.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	8.647	98	181928	48.565	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	69313	47.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1626	4.601	ug/l	98
16) Acetone	2.374	43	2175	2.849	ug/l #	86
17) Carbon Disulfide	2.514	76	636	0.227	ug/l #	76
19) Methyl tert-butyl Ether	3.111	73	704	0.203	ug/l #	66
25) 2-Butanone	4.593	43	232	0.211	ug/l #	51
31) Cyclohexane	5.550	56	2196	1.226	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	7801	5.046	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8851	6.251	ug/l #	16
49) 1,4-Dioxane	7.690	88	20	0.695	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	1003	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38675	22.324	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	38675	64.679	ug/l #	5

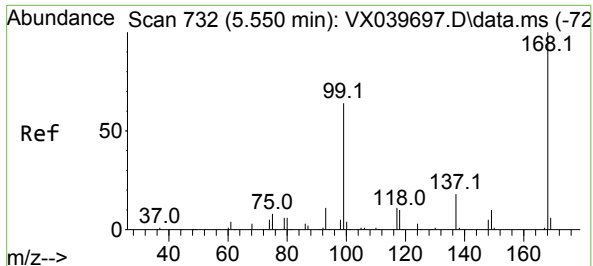
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
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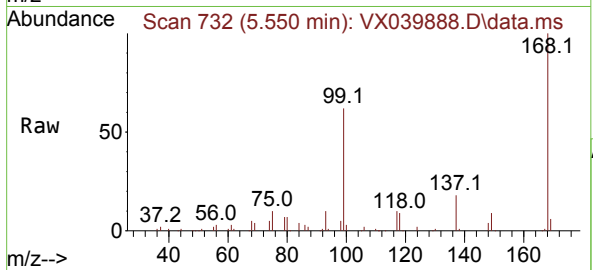
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



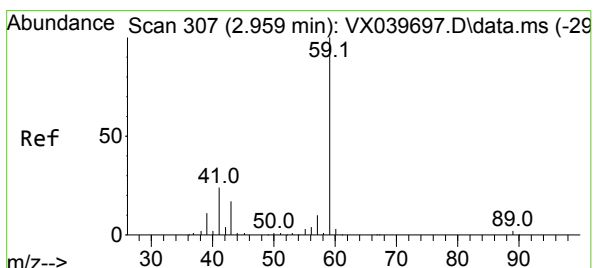
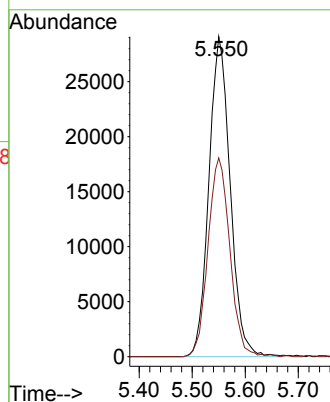
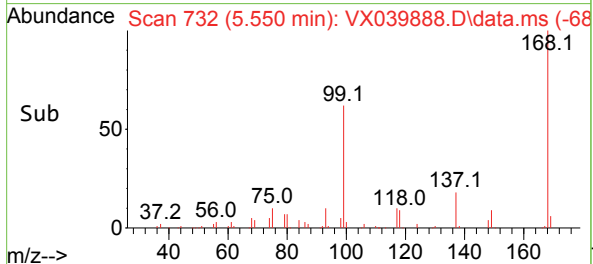


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

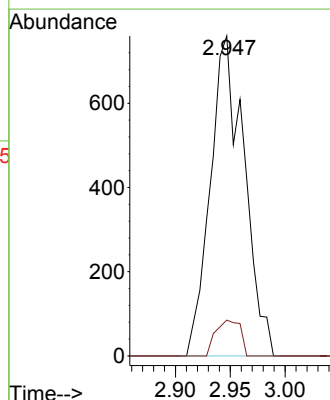
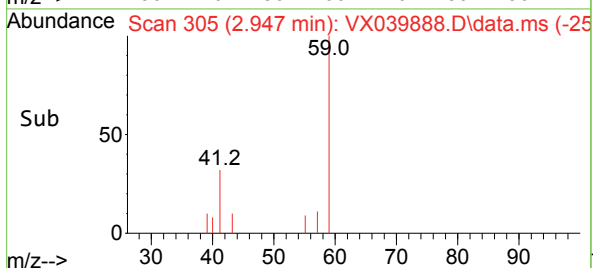
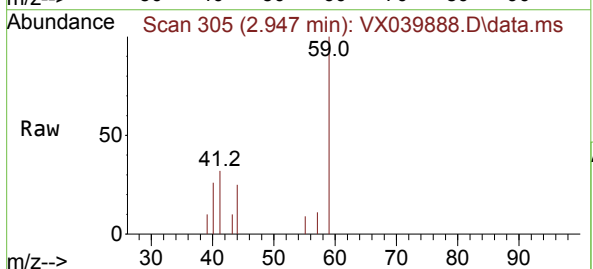


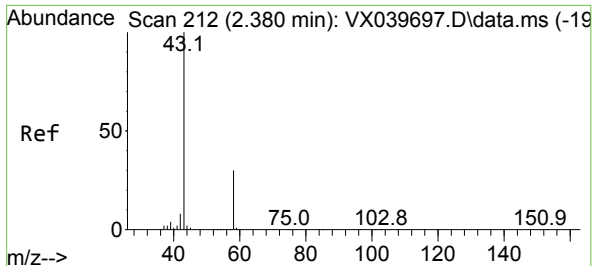
Tgt Ion:168 Resp: 81043
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.601 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Tgt Ion: 59 Resp: 1626
Ion Ratio Lower Upper
59 100
57 8.2 6.0 9.0

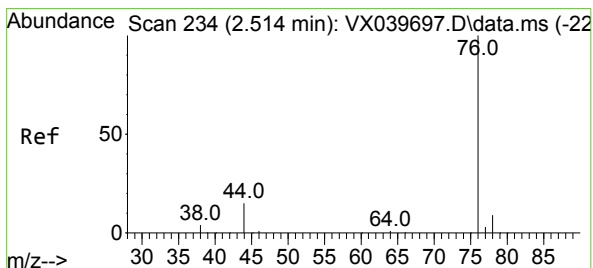
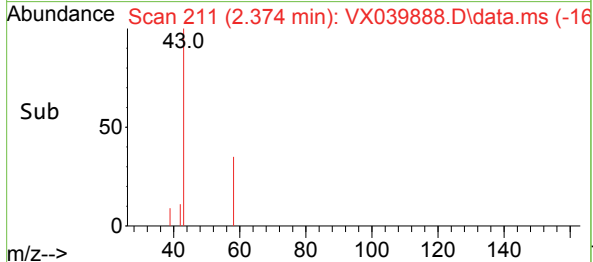
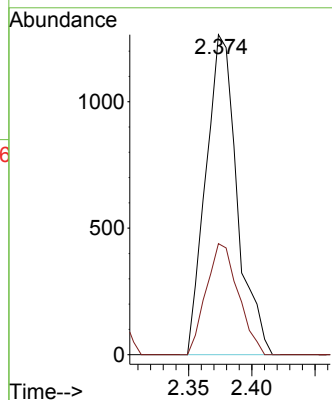
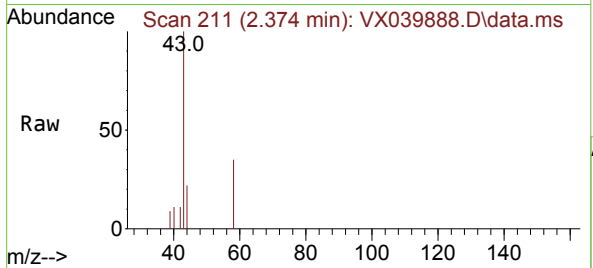




#16
Acetone
Concen: 2.849 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

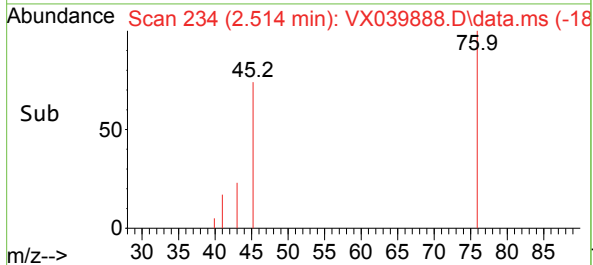
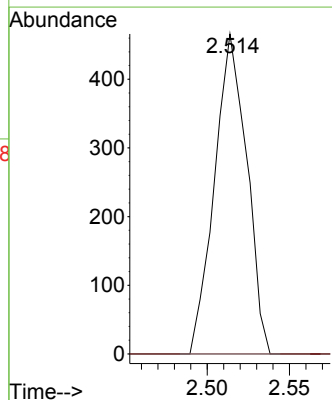
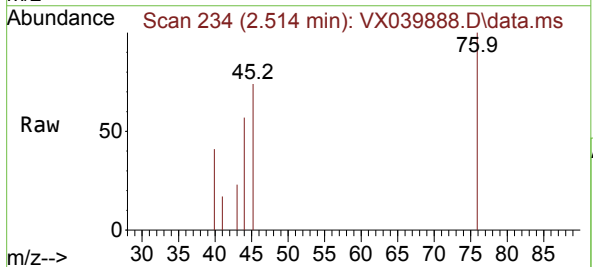
Instrument :
MSVOA_X
ClientSampleId :

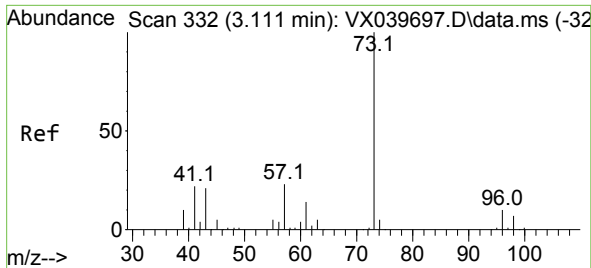
Tgt Ion: 43 Resp: 2175
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.227 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Tgt Ion: 76 Resp: 636
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

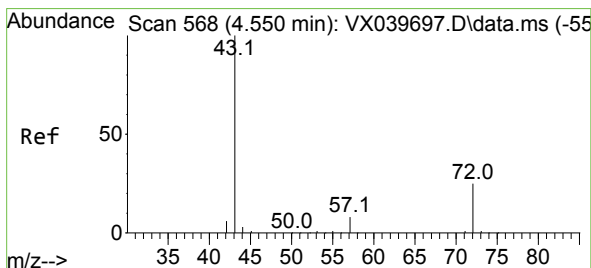
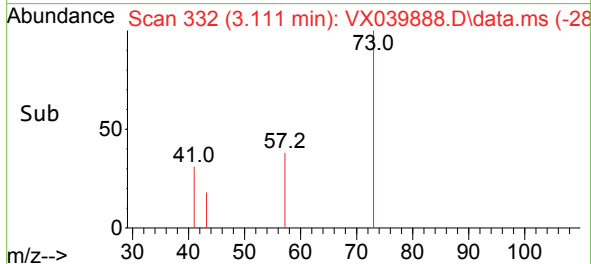
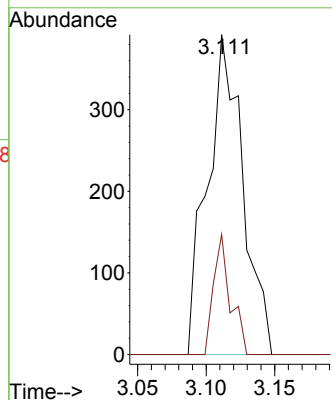
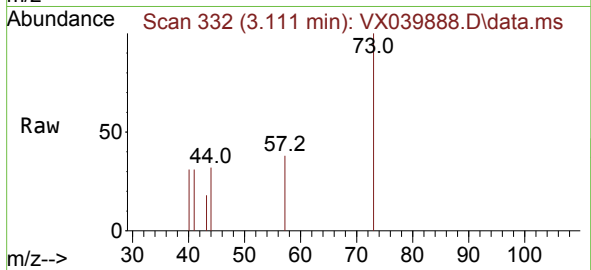




#19
Methyl tert-butyl Ether
Concen: 0.203 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

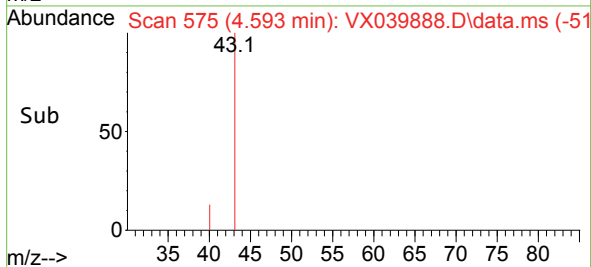
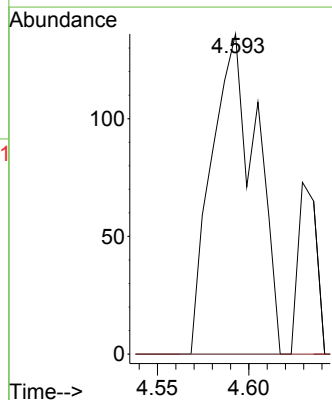
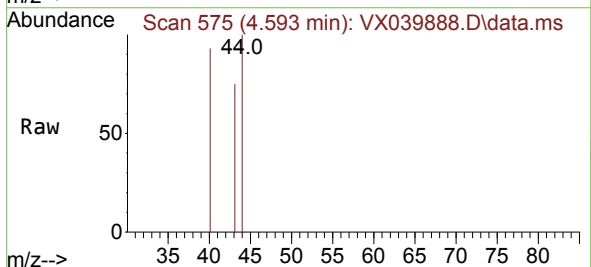
Instrument :
MSVOA_X
ClientSampleId :

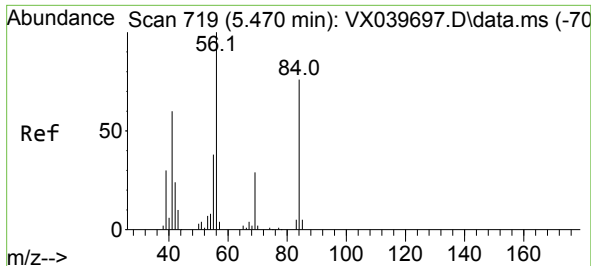
Tgt Ion: 73 Resp: 704
Ion Ratio Lower Upper
73 100
57 37.5 17.3 25.9#



#25
2-Butanone
Concen: 0.211 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.043 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

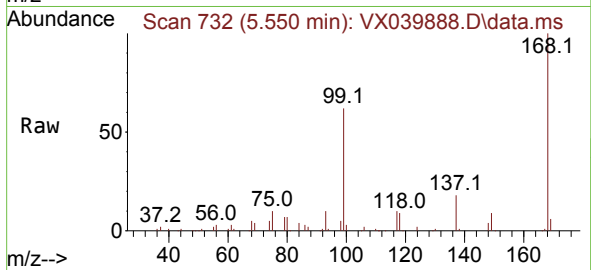
Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



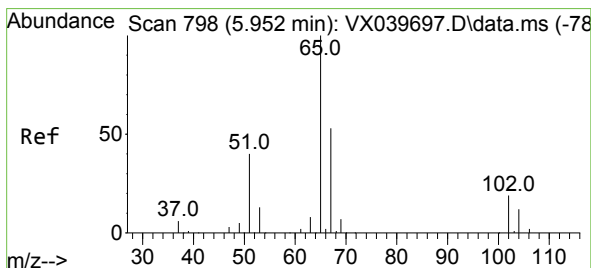
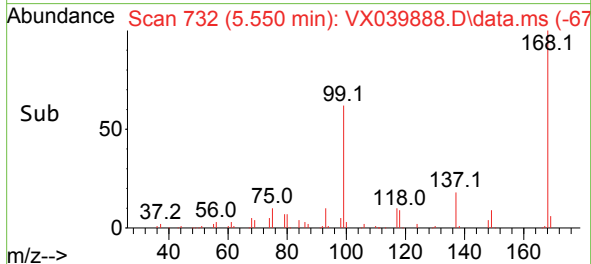
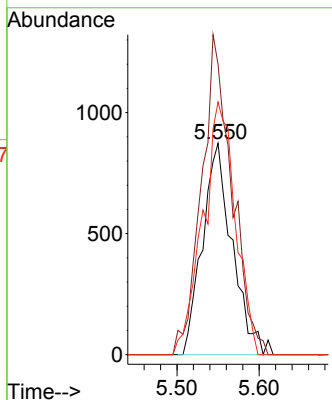


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

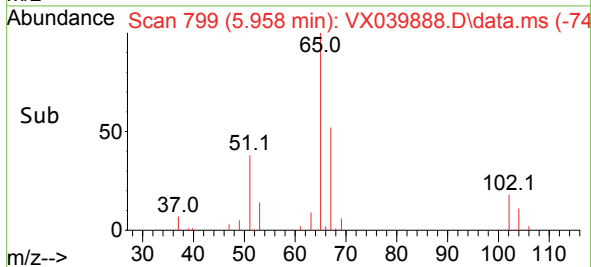
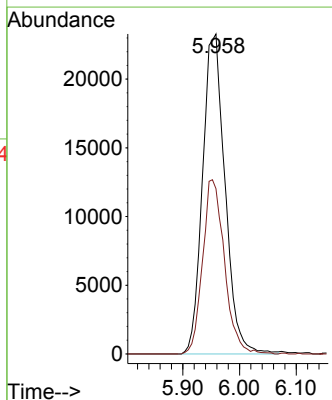
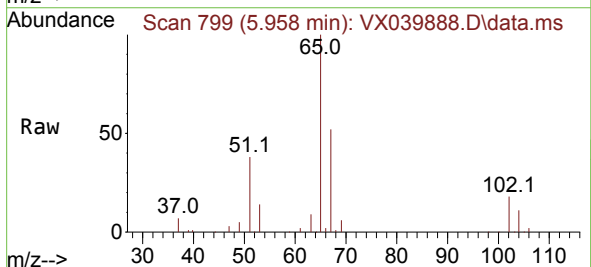


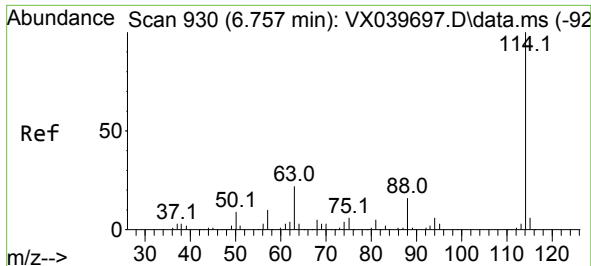
Tgt Ion: 56 Resp: 2196
Ion Ratio Lower Upper
56 100
69 137.5 23.4 35.2#
84 119.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.275 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Tgt Ion: 65 Resp: 64180
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

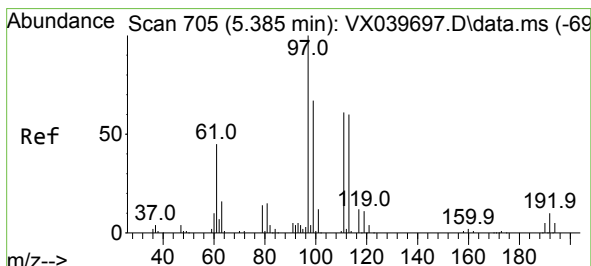
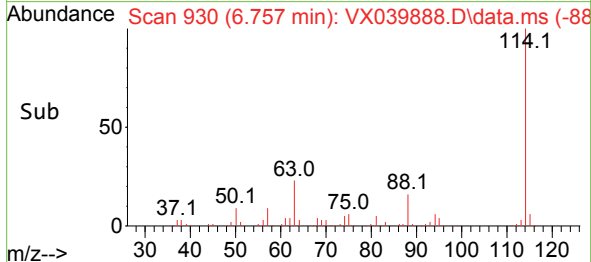
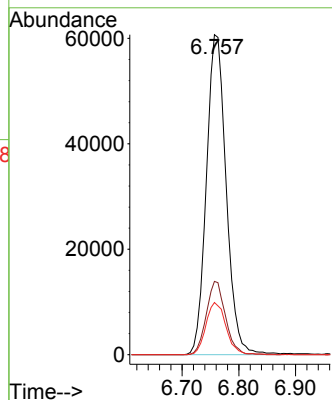
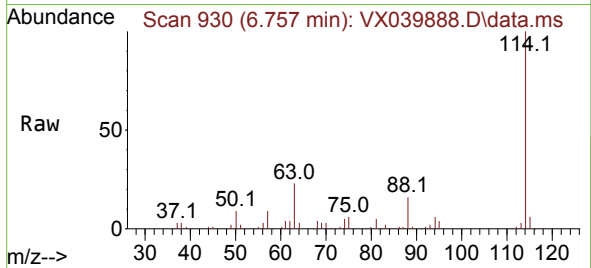




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

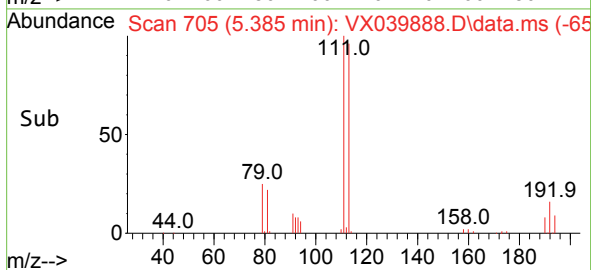
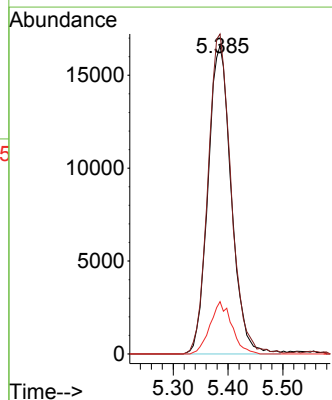
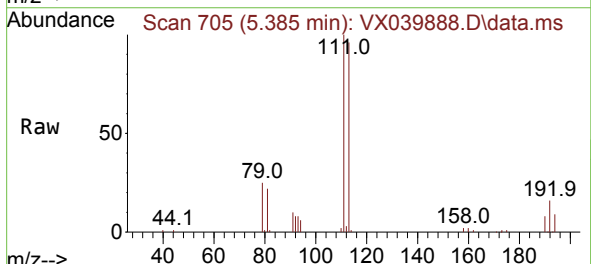
Instrument :
MSVOA_X
ClientSampleId :

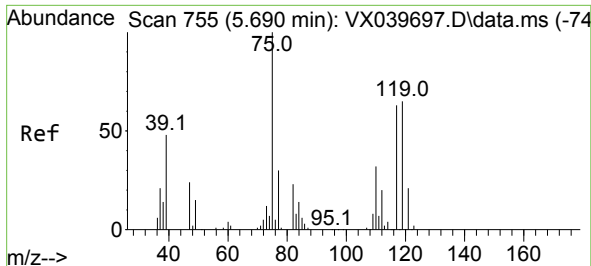
Tgt Ion:114 Resp: 147465
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.113 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

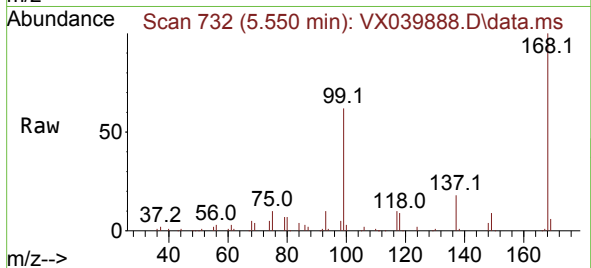
Tgt Ion:113 Resp: 48781
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.9 13.3 19.9



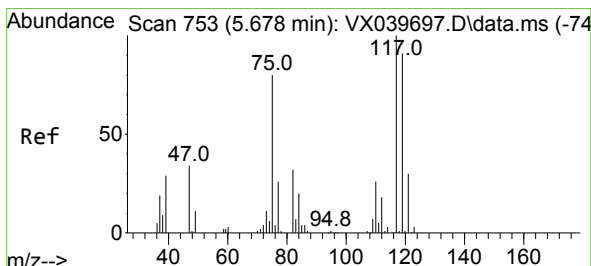
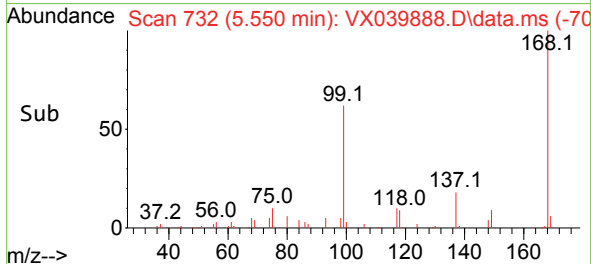
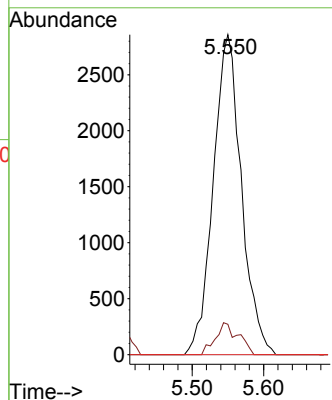


#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

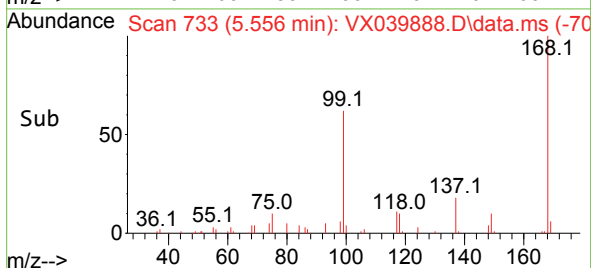
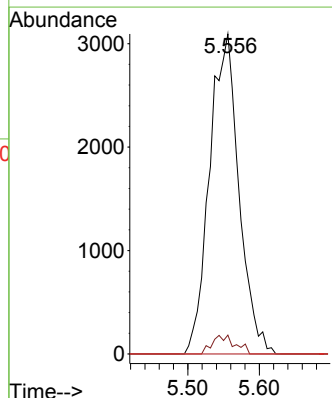
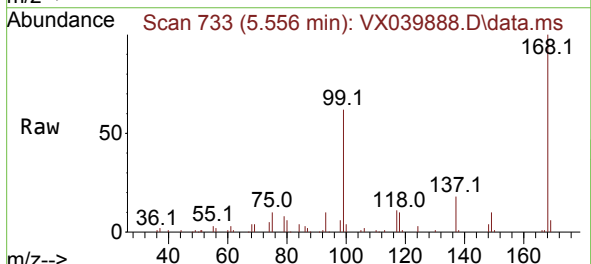


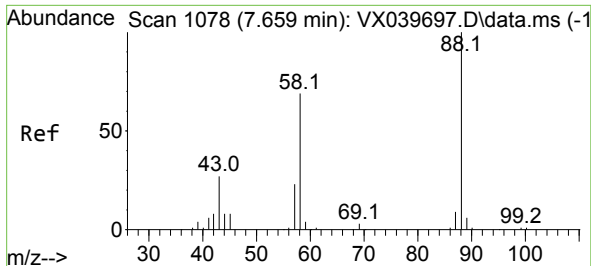
Tgt Ion: 75 Resp: 7801
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.251 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

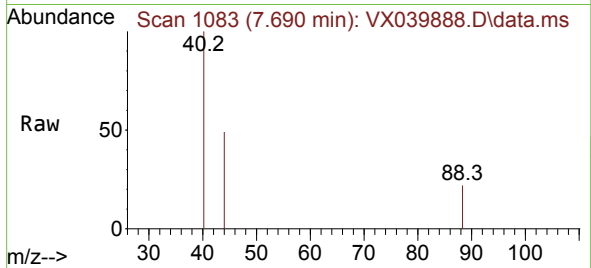
Tgt Ion: 117 Resp: 8851
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



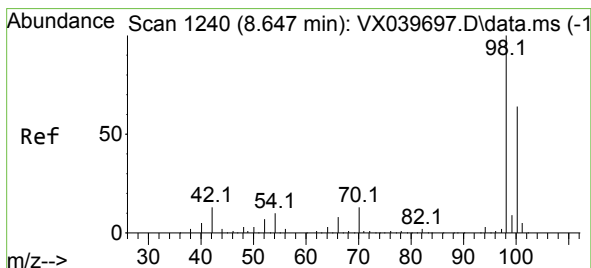
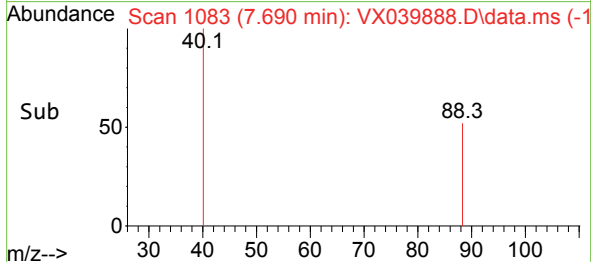
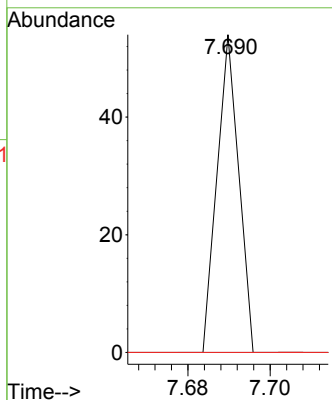


#49
1,4-Dioxane
Concen: 0.695 ug/l
RT: 7.690 min Scan# 1078
Delta R.T. 0.031 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

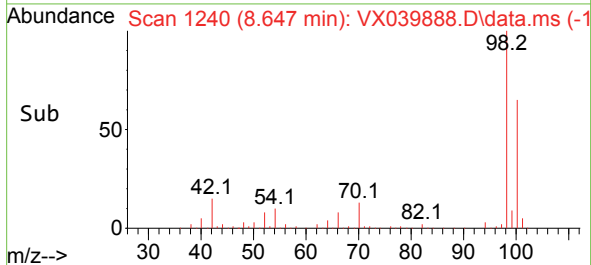
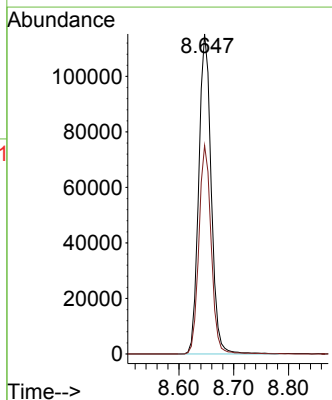
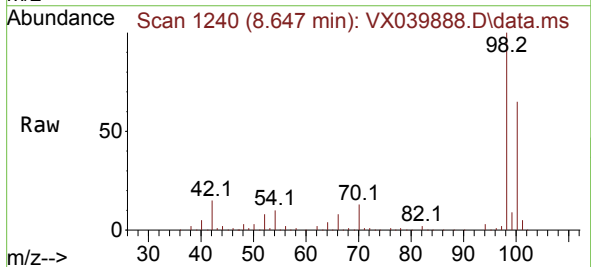


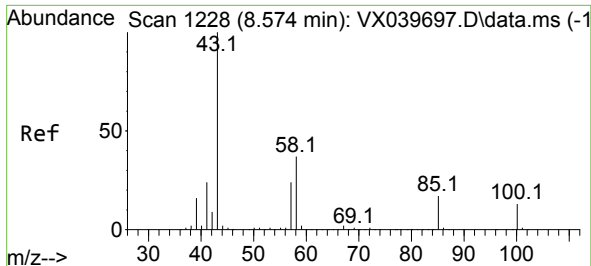
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 48.565 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Tgt Ion: 98 Resp: 181928
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

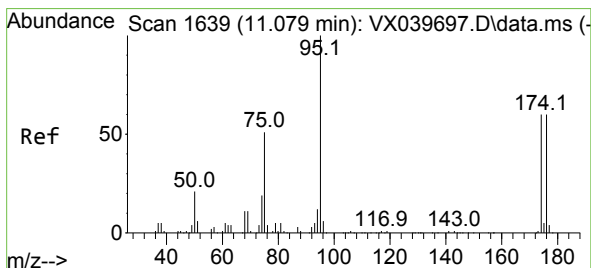
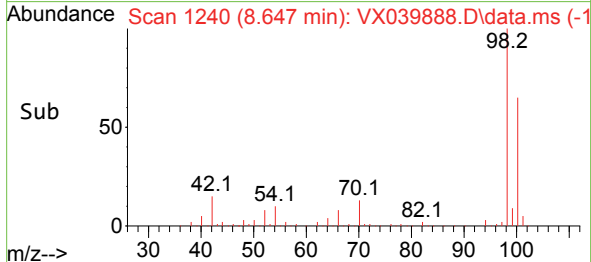
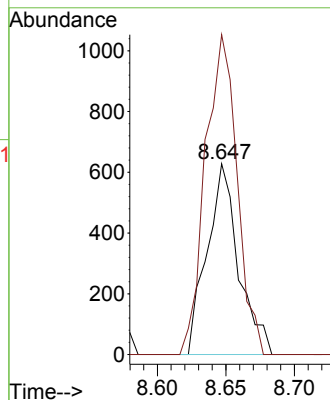
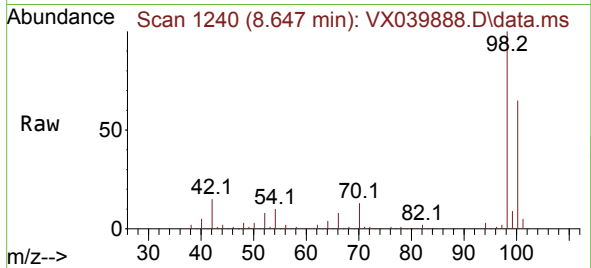




#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

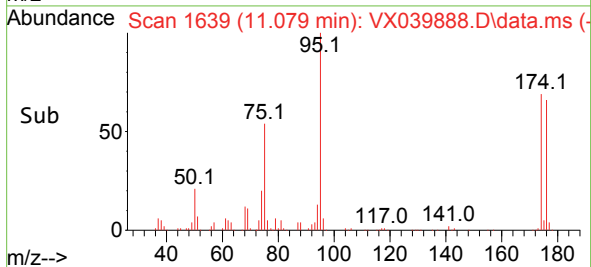
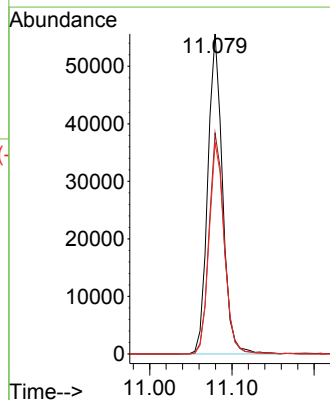
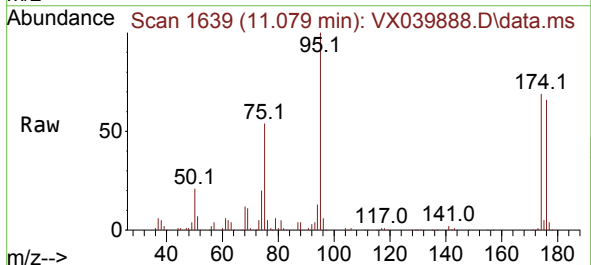
Instrument :
MSVOA_X
ClientSampleId :

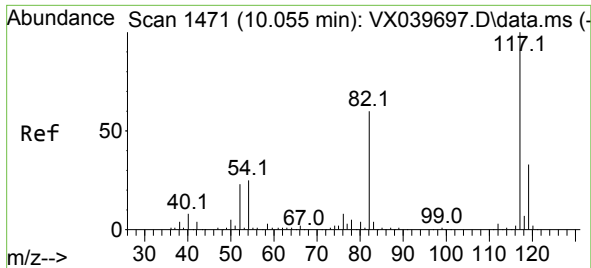
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 169.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

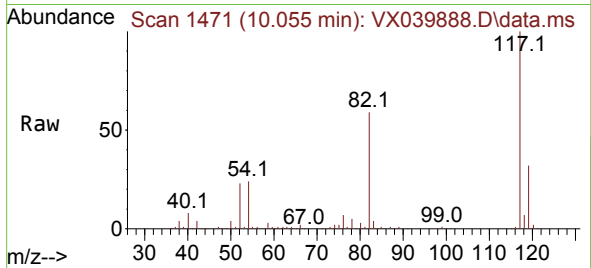
Tgt Ion: 95 Resp: 69313
Ion Ratio Lower Upper
95 100
174 70.6 0.0 135.6
176 68.4 0.0 131.0



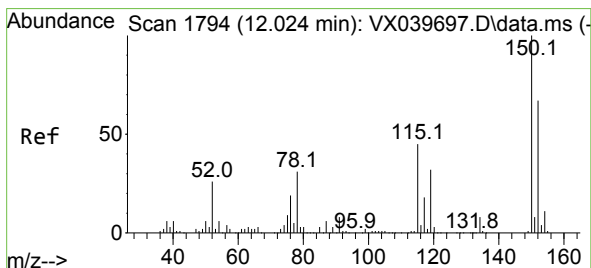
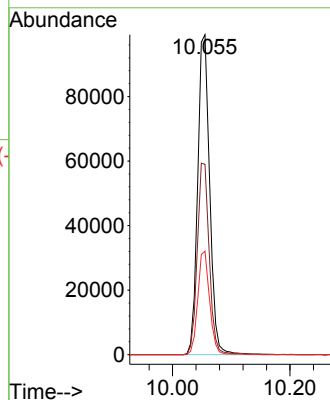
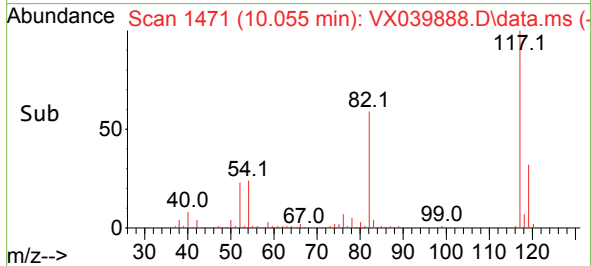


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Instrument :
MSVOA_X
ClientSampleId :

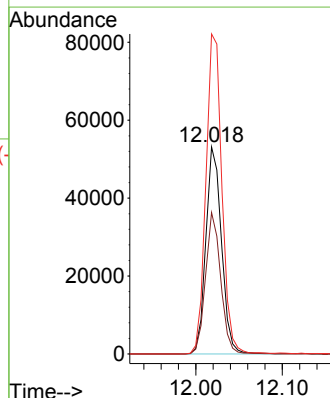
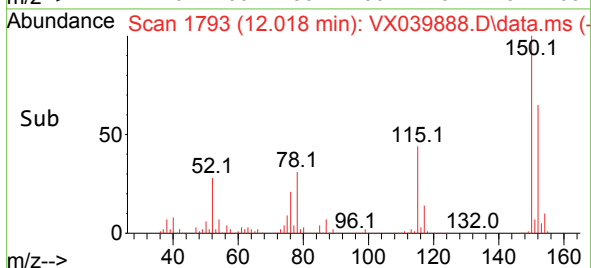
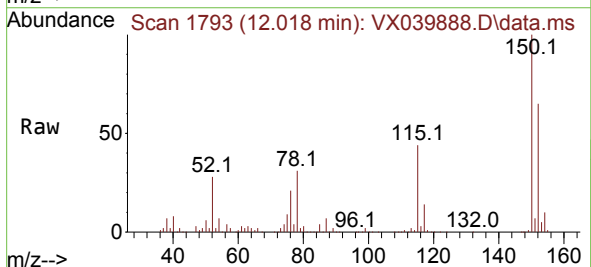


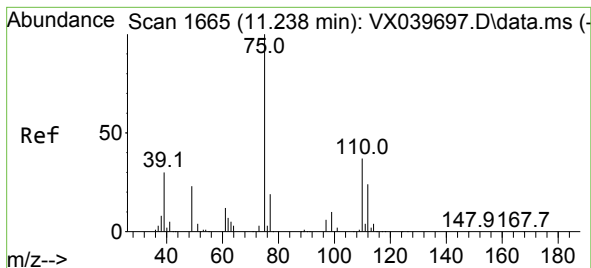
Tgt Ion:117 Resp: 140655
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039888.D
Acq: 22 Jan 2024 16:53

Tgt Ion:152 Resp: 66824
Ion Ratio Lower Upper
152 100
115 66.1 43.3 129.9
150 157.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.324 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039888.D

Acq: 22 Jan 2024 16:53

Instrument :

MSVOA_X

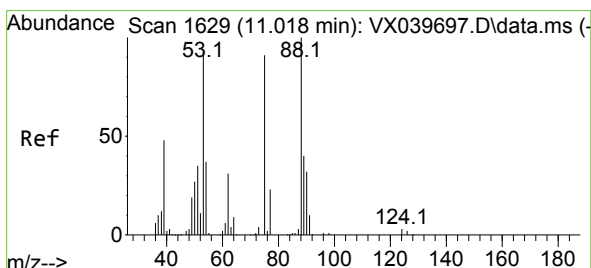
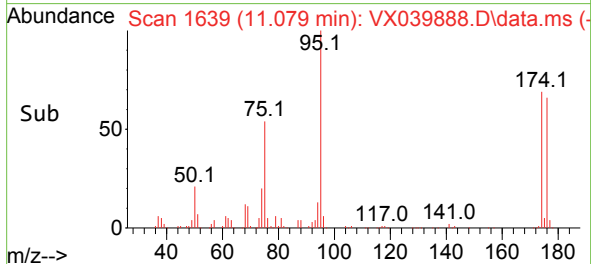
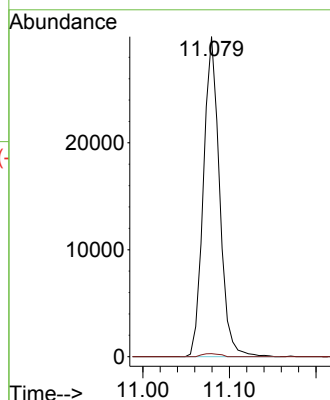
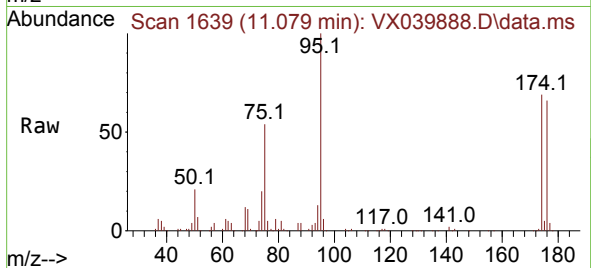
ClientSampleId :

Tgt Ion: 75 Resp: 38675

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.679 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039888.D

Acq: 22 Jan 2024 16:53

Tgt Ion: 75 Resp: 38675

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

