

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039801.D
 Acq On : 17 Jan 2024 14:45
 Operator : JC/MD
 Sample : P1156-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 02:43:27 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)

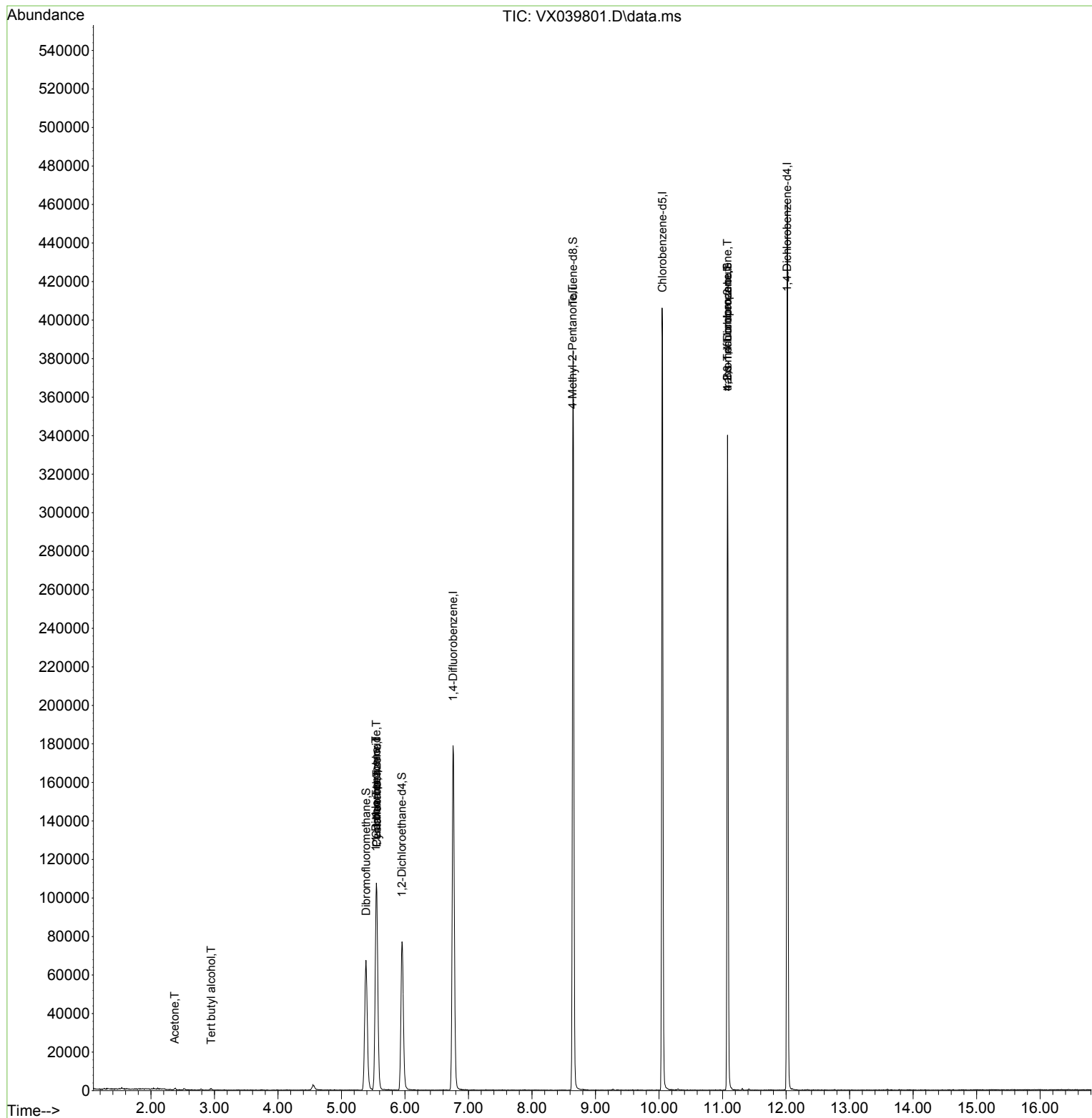
Internal Standards						
1) Pentafluorobenzene	5.556	168	95984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74951	46.615	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.240%
35) Dibromofluoromethane	5.385	113	58111	48.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	8.647	98	222751	49.489	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	90753	51.561	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	410	0.980	ug/l #	78
16) Acetone	2.373	43	933	1.032	ug/l	99
31) Cyclohexane	5.556	56	2531	1.193	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	9028	4.860	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10163	5.973	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1000	0.399	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50229	21.928	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50229	63.659	ug/l #	5

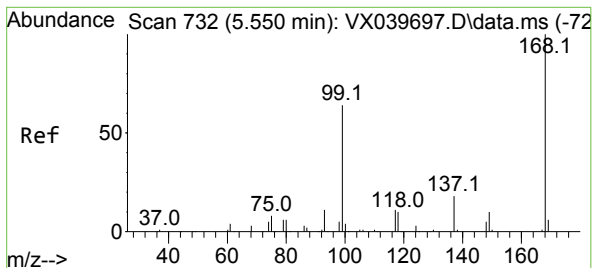
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

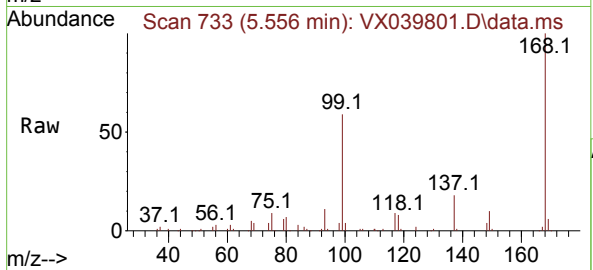
Lab File: VX039801.D

Acq: 17 Jan 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

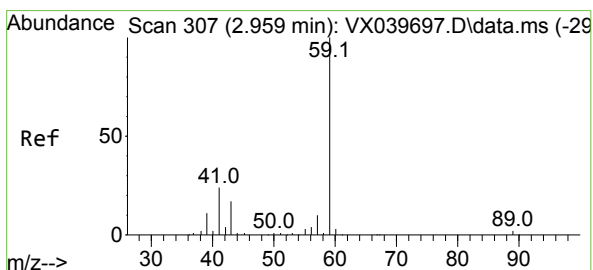
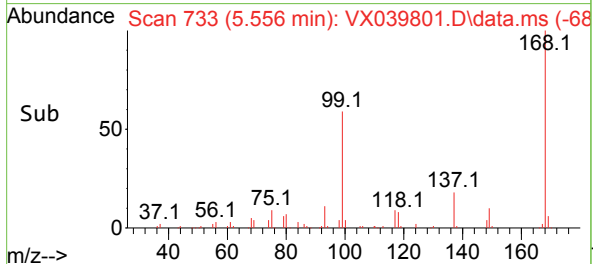
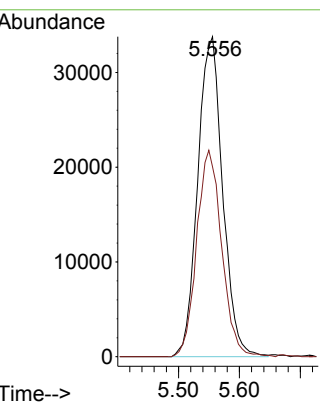


Tgt Ion:168 Resp: 95984

Ion Ratio Lower Upper

168 100

99 59.4 56.6 85.0



#11

Tert butyl alcohol

Concen: 0.980 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.012 min

Lab File: VX039801.D

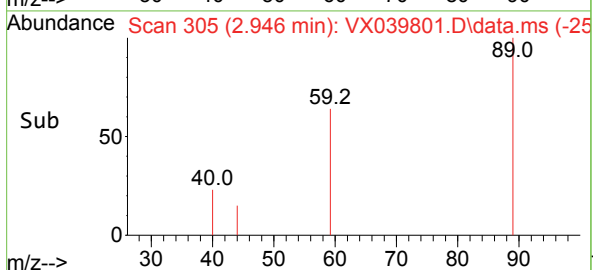
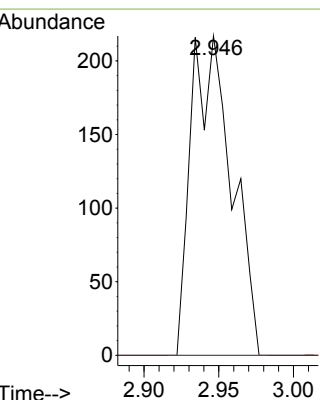
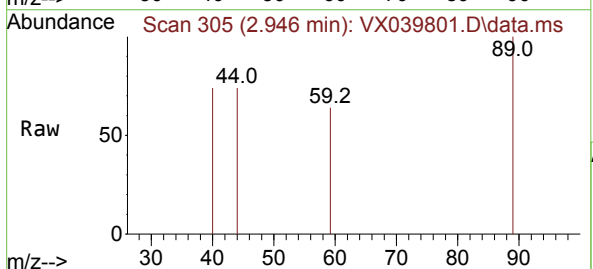
Acq: 17 Jan 2024 14:45

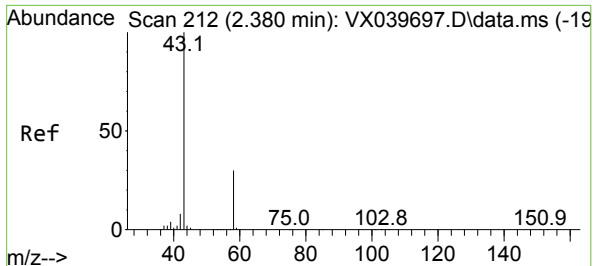
Tgt Ion: 59 Resp: 410

Ion Ratio Lower Upper

59 100

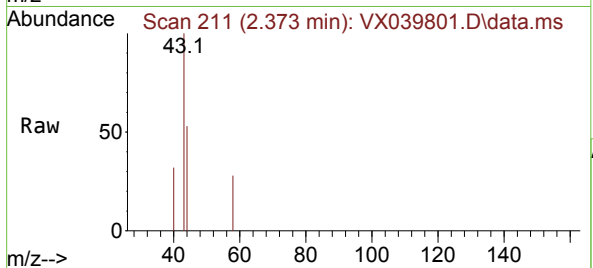
57 0.0 6.0 9.0#



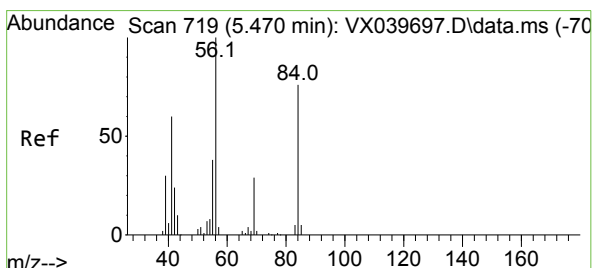
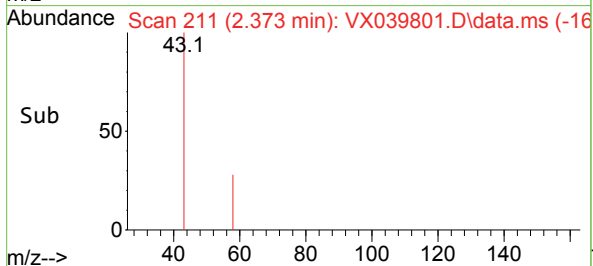
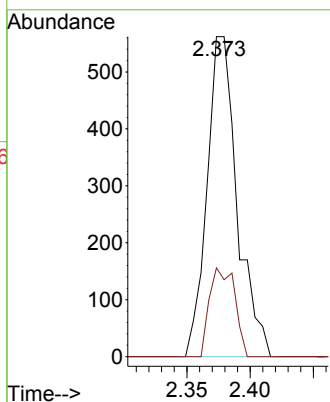


#16
Acetone
Concen: 1.032 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039801.D
Acq: 17 Jan 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :

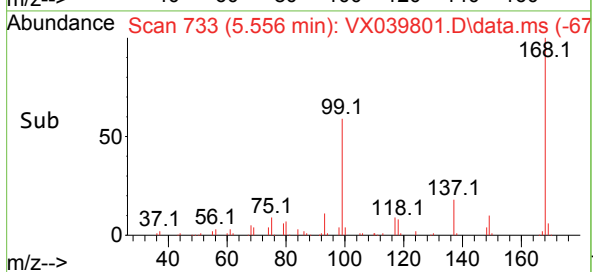
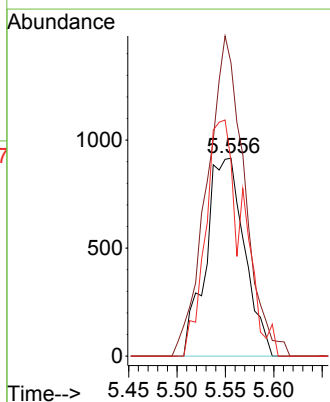
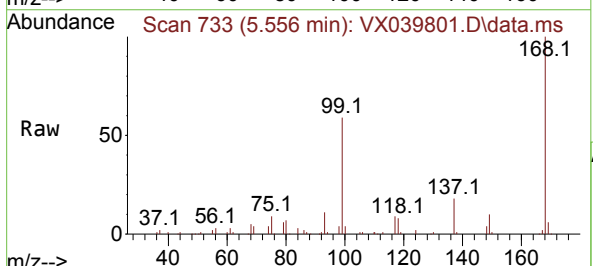


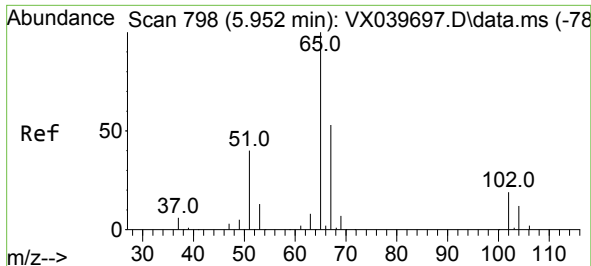
Tgt Ion: 43 Resp: 933
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX039801.D
Acq: 17 Jan 2024 14:45

Tgt Ion: 56 Resp: 2531
Ion Ratio Lower Upper
56 100
69 140.9 23.4 35.2#
84 98.5 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.615 ug/l

RT: 5.952 min Scan# 74

Delta R.T. -0.000 min

Lab File: VX039801.D

Acq: 17 Jan 2024 14:45

Instrument :

MSVOA_X

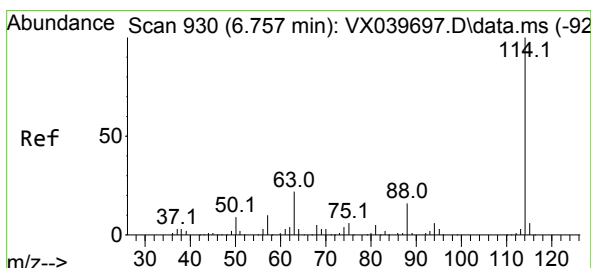
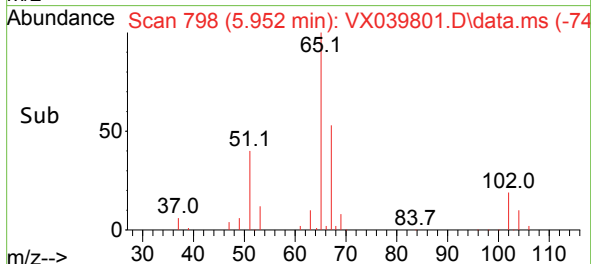
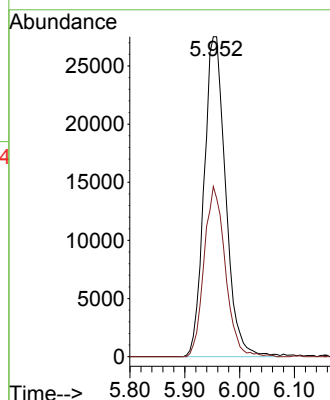
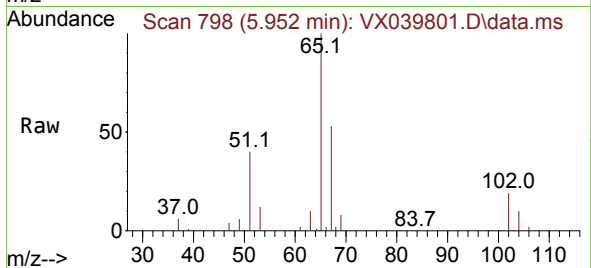
ClientSampleId :

Tgt Ion: 65 Resp: 74951

Ion Ratio Lower Upper

65 100

67 52.4 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: VX039801.D

Acq: 17 Jan 2024 14:45

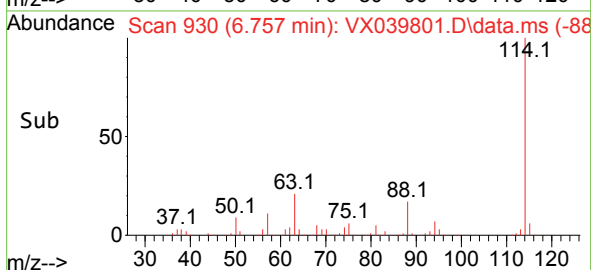
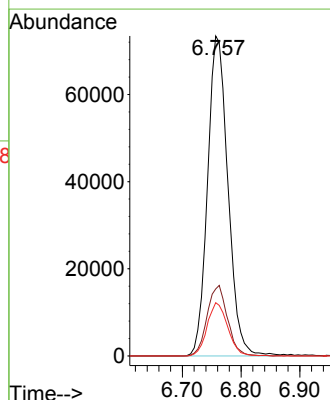
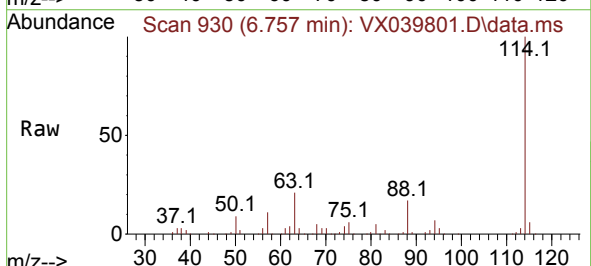
Tgt Ion: 114 Resp: 177184

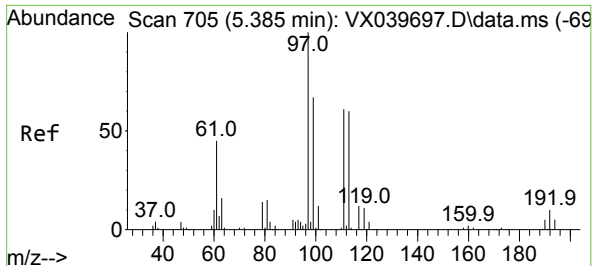
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

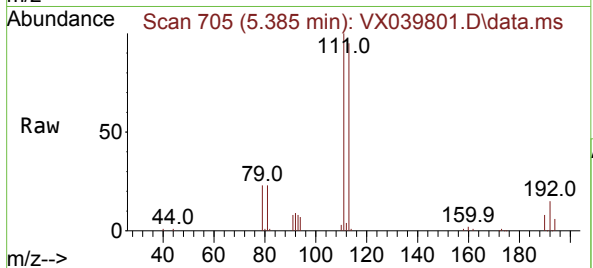
88 16.6 0.0 36.6



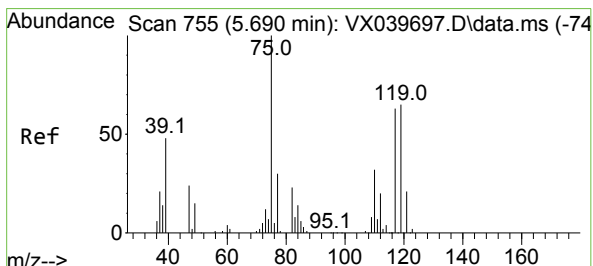
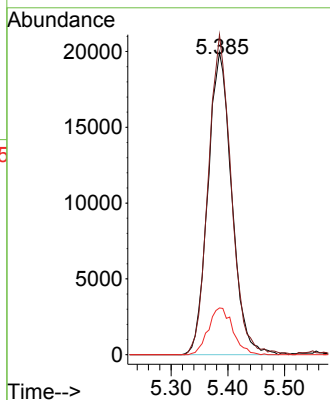
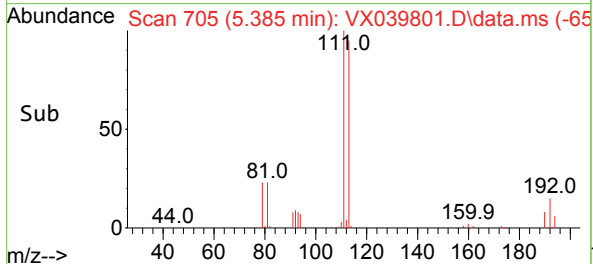


#35
Dibromofluoromethane
Concen: 48.693 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039801.D
Acq: 17 Jan 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :

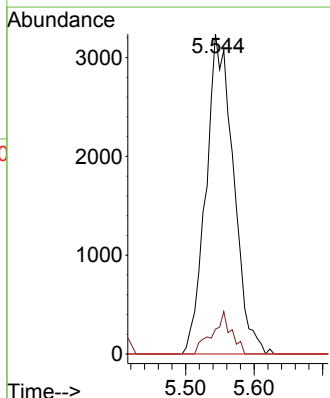
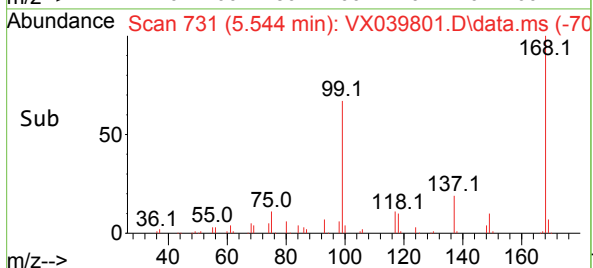
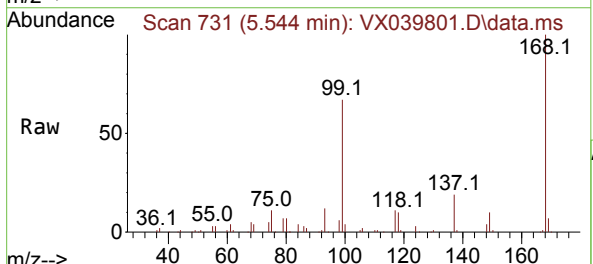


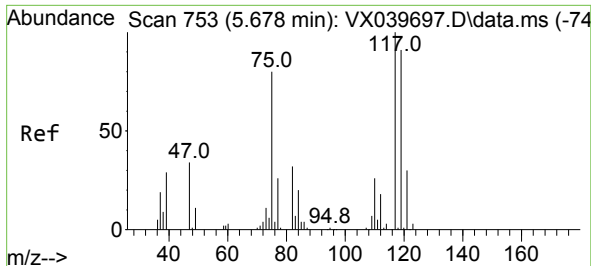
Tgt Ion:113 Resp: 58111
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 15.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.860 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039801.D
Acq: 17 Jan 2024 14:45

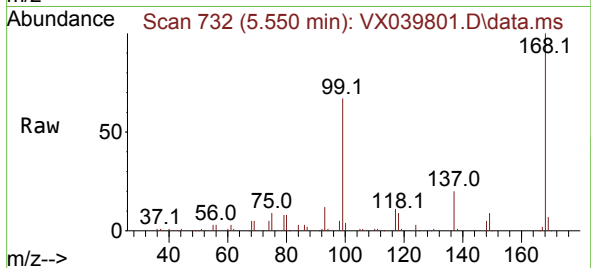
Tgt Ion: 75 Resp: 9028
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



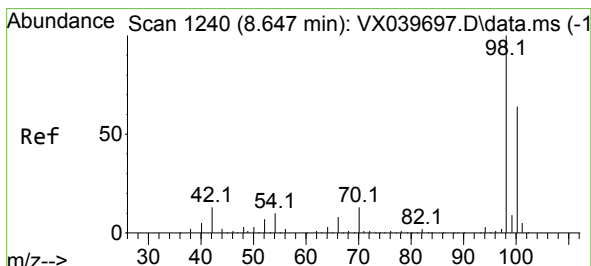
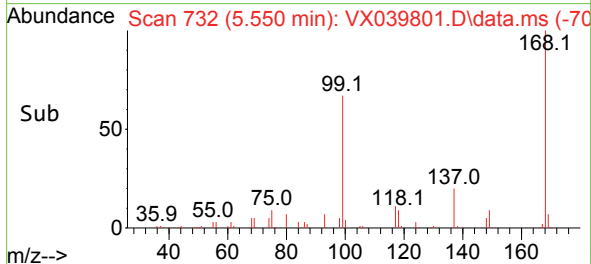
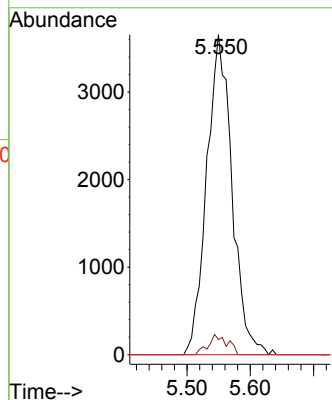


#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039801.D
Acq: 17 Jan 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :

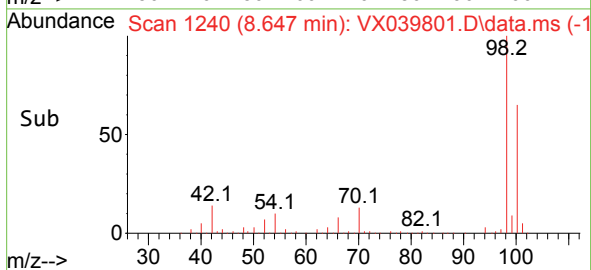
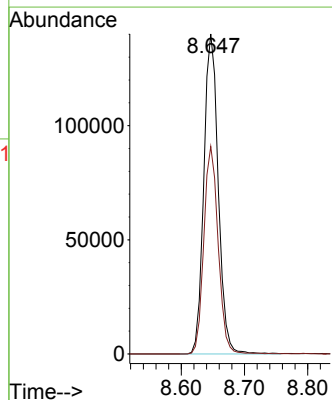
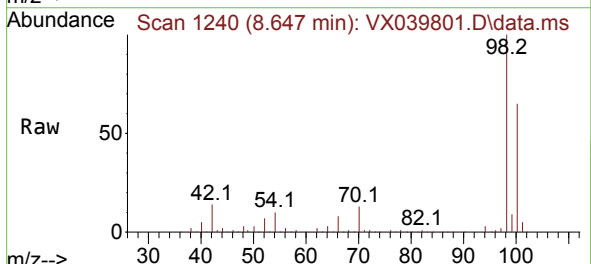


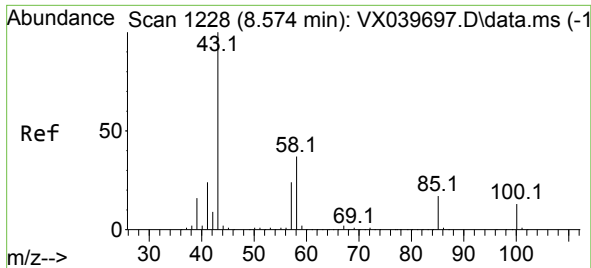
Tgt Ion:117 Resp: 10163
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.489 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039801.D
Acq: 17 Jan 2024 14:45

Tgt Ion: 98 Resp: 222751
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

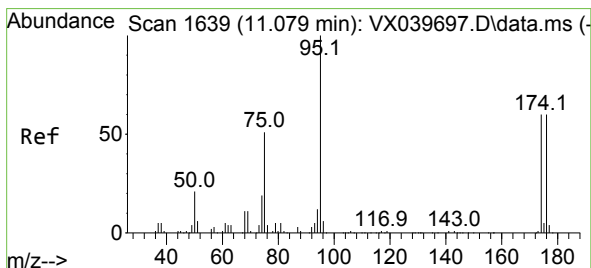
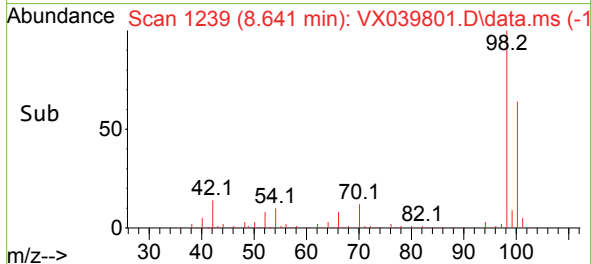
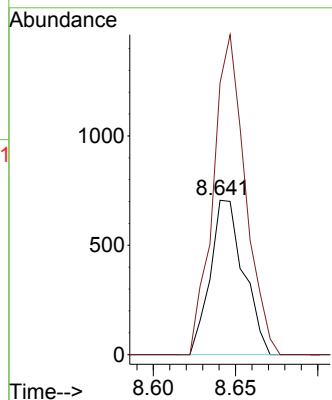
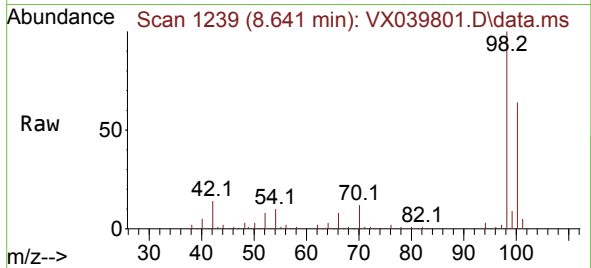




#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX039801.D
Acq: 17 Jan 2024 14:45

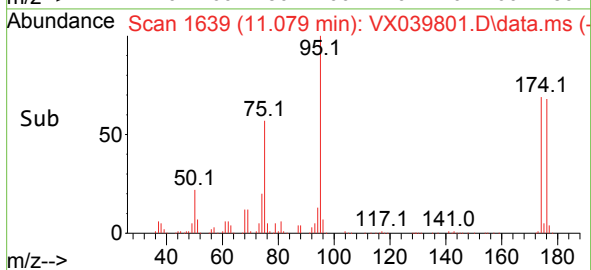
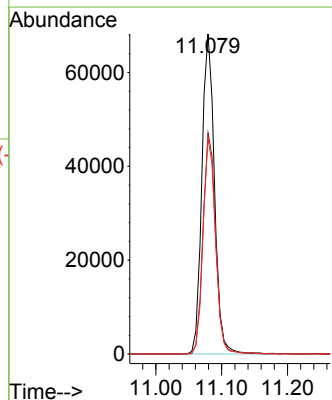
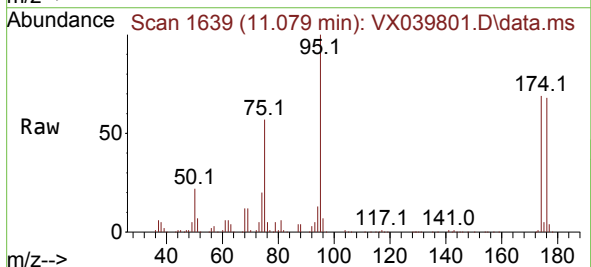
Instrument :
MSVOA_X
ClientSampleId :

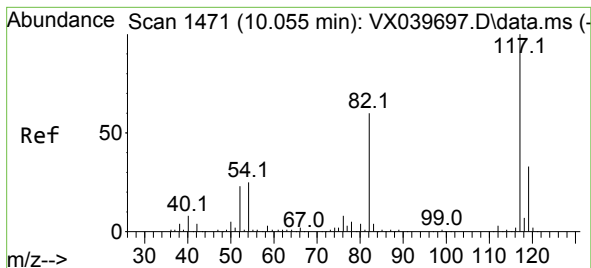
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 199.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039801.D
Acq: 17 Jan 2024 14:45

Tgt Ion: 95 Resp: 90753
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.6
176 66.9 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: VX039801.D

Acq: 17 Jan 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

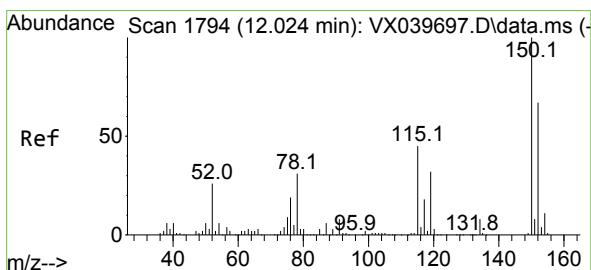
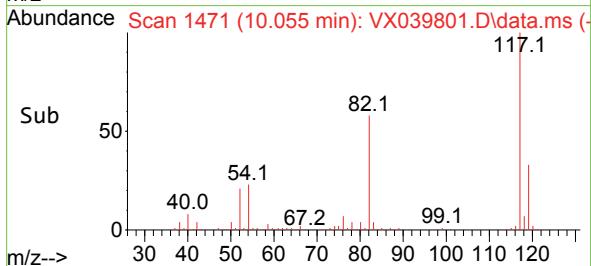
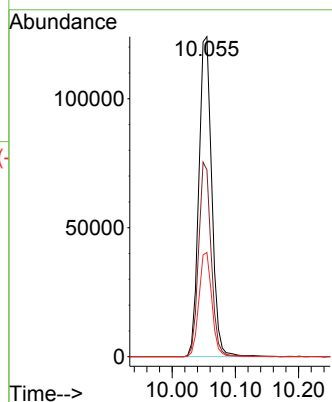
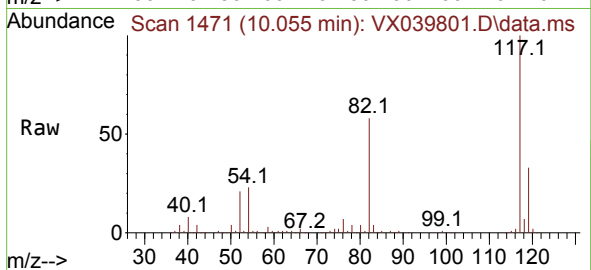
Tgt Ion:117 Resp: 176962

Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.4

119 32.6 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: VX039801.D

Acq: 17 Jan 2024 14:45

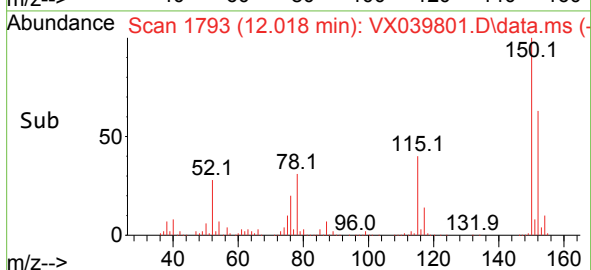
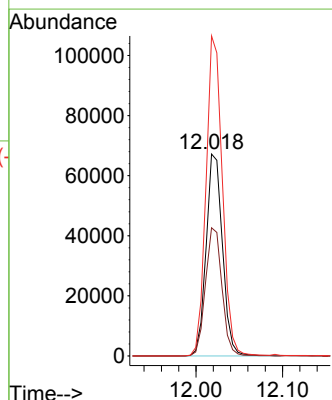
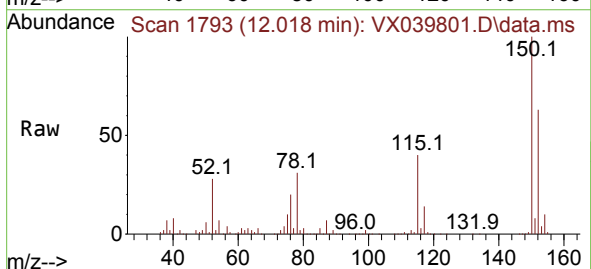
Tgt Ion:152 Resp: 88354

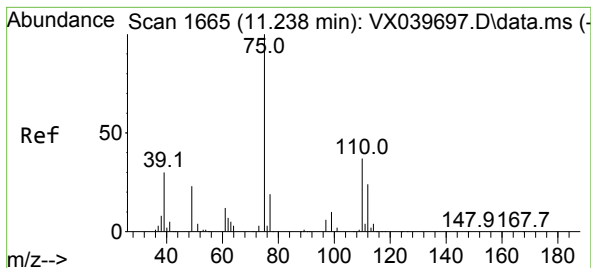
Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.928 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039801.D

Acq: 17 Jan 2024 14:45

Instrument :

MSVOA_X

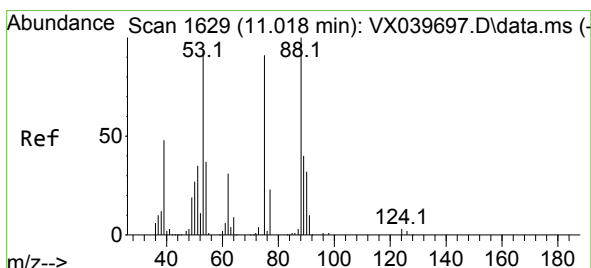
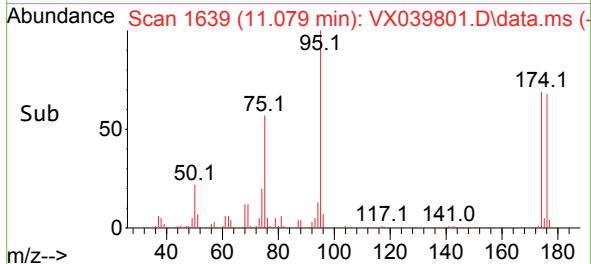
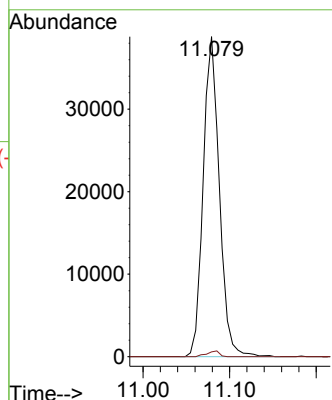
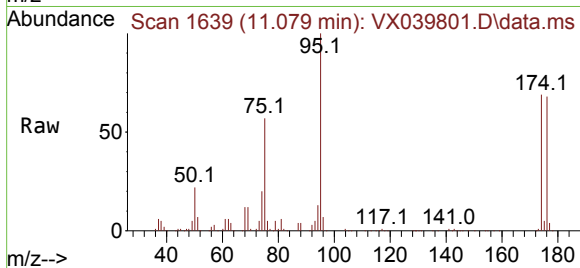
ClientSampleId :

Tgt Ion: 75 Resp: 50229

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.659 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039801.D

Acq: 17 Jan 2024 14:45

Tgt Ion: 75 Resp: 50229

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

