

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040228.D
 Acq On : 14 Feb 2024 18:13
 Operator : JC/MD
 Sample : P1445-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 00:06:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

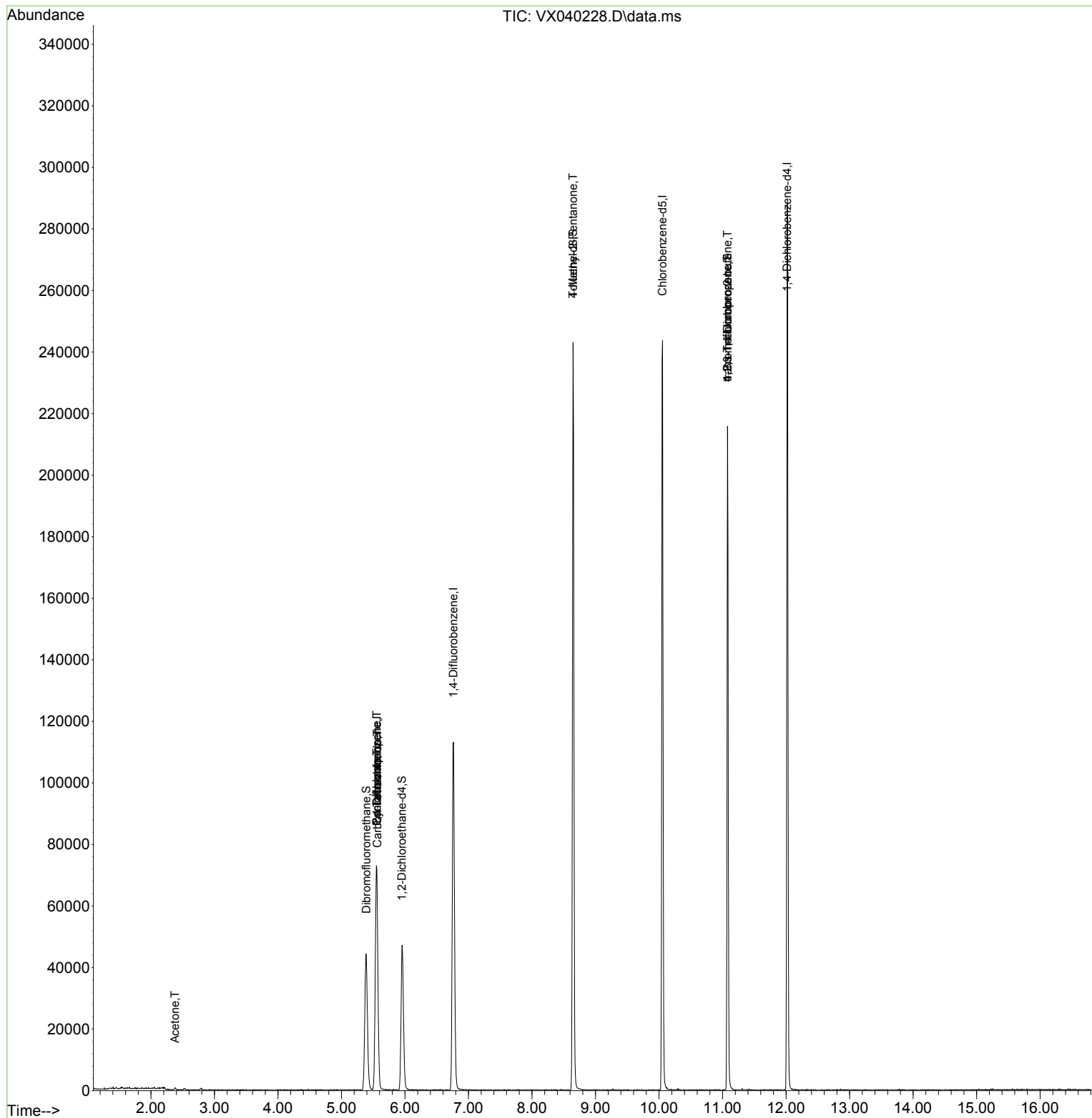
Internal Standards						
1) Pentafluorobenzene	5.556	168	71344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	118782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	45066	42.460	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.920%
35) Dibromofluoromethane	5.391	113	38287	46.156	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.647	98	144177	46.465	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.920%
62) 4-Bromofluorobenzene	11.079	95	57179	45.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.360%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	804	1.844	ug/l #	88
20) Methylene Chloride	2.788	84	286	Below Cal	#	66
31) Cyclohexane	5.556	56	1560	1.232	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	5295	4.557	ug/l #	51
38) Carbon Tetrachloride	5.562	117	6945	6.286	ug/l #	11
51) 4-Methyl-2-Pentanone	8.647	43	654	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28666	23.211	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	28666	64.101	ug/l #	5

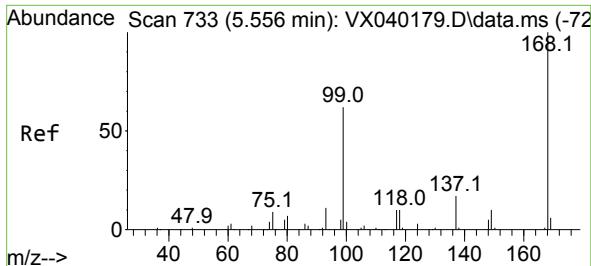
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 15 00:06:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



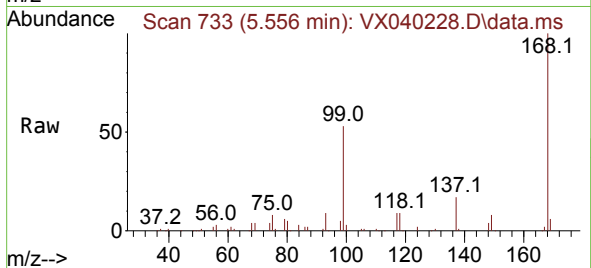


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

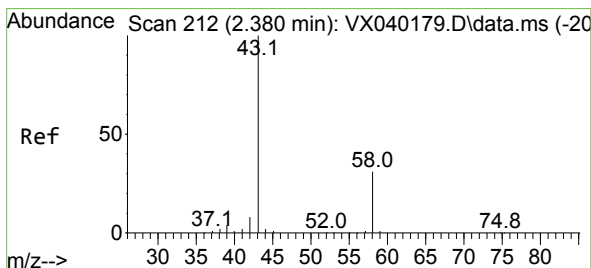
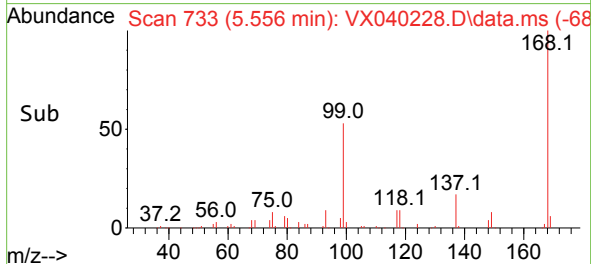
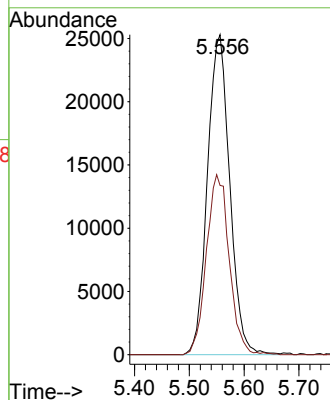
Instrument :

MSVOA_X

ClientSampleId :

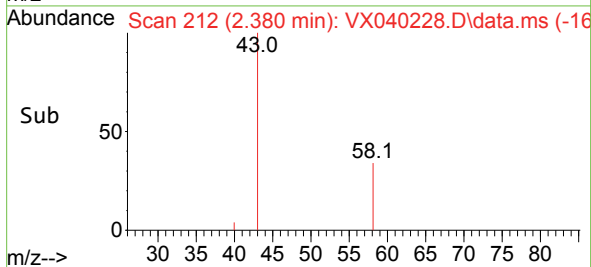
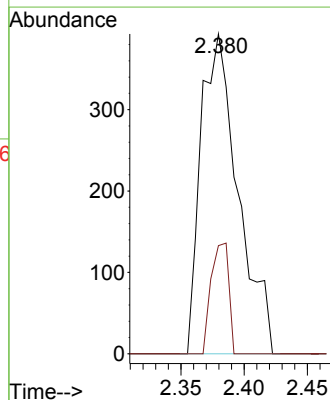
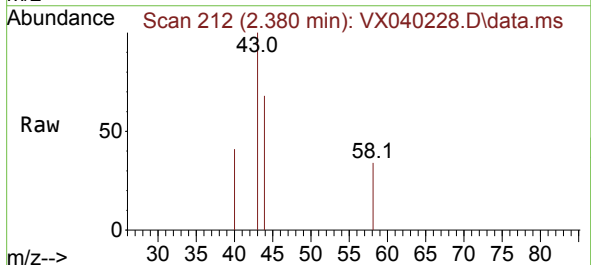


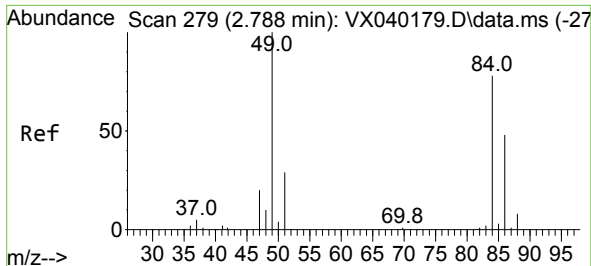
Tgt Ion:168 Resp: 71344
Ion Ratio Lower Upper
168 100
99 52.9 56.6 85.0#



#16
Acetone
Concen: 1.844 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

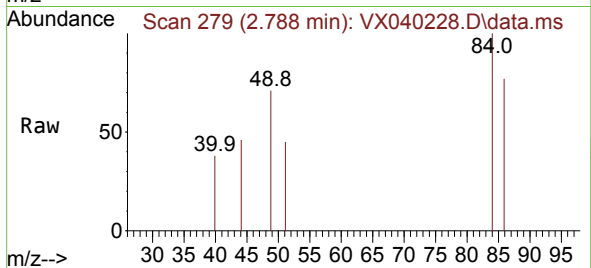
Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#



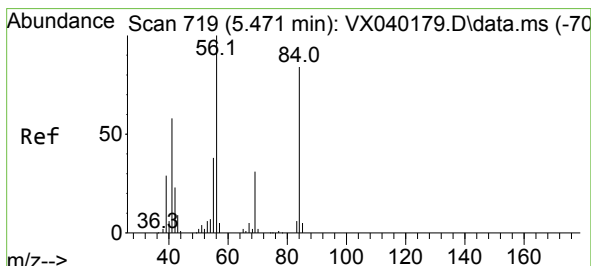
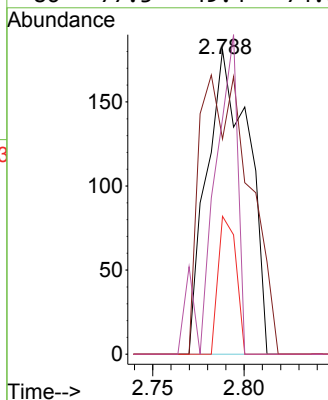
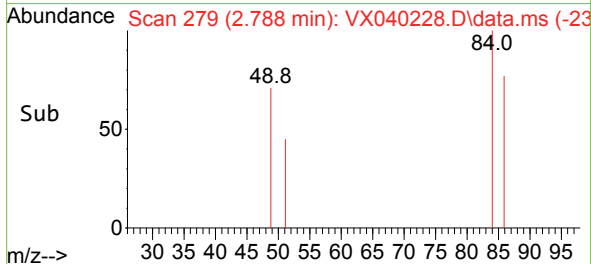


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

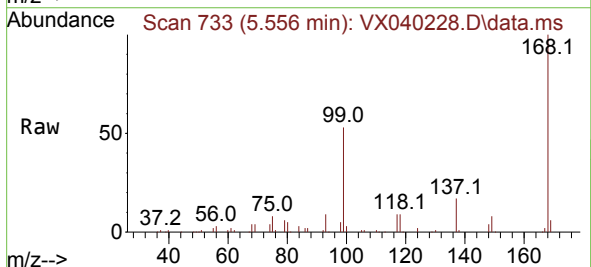
Instrument :
MSVOA_X
ClientSampleId :



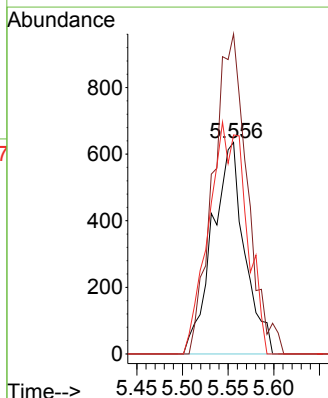
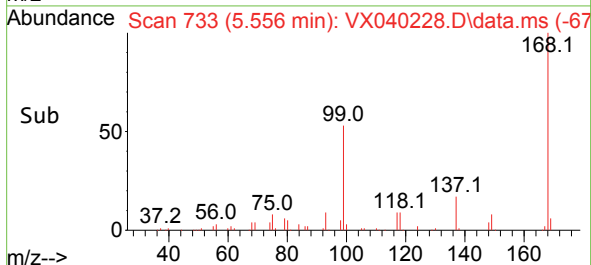
Tgt Ion: 84 Resp: 286
Ion Ratio Lower Upper
84 100
49 70.7 103.6 155.4#
51 45.3 33.8 50.6
86 77.3 49.4 74.0#

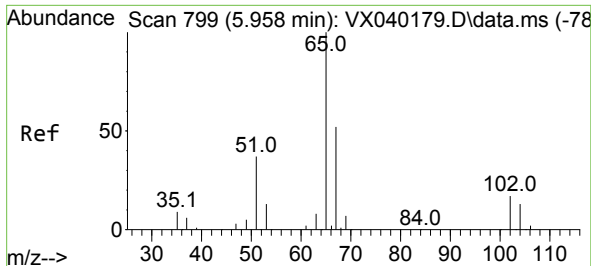


#31
Cyclohexane
Concen: 1.232 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13



Tgt Ion: 56 Resp: 1560
Ion Ratio Lower Upper
56 100
69 151.3 23.4 35.2#
84 103.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.460 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040228.D

Acq: 14 Feb 2024 18:13

Instrument :

MSVOA_X

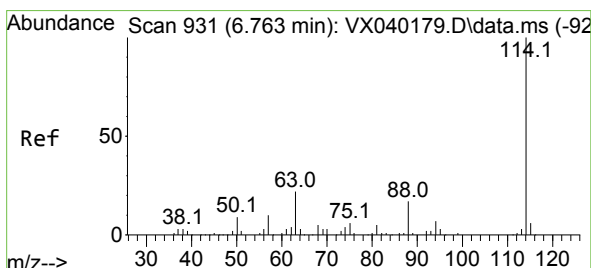
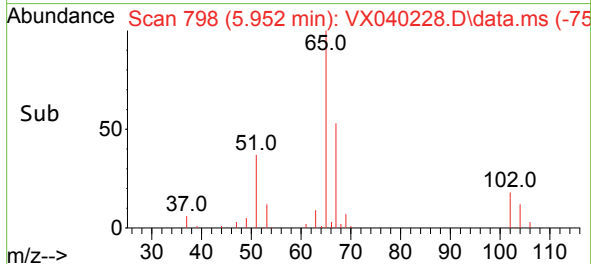
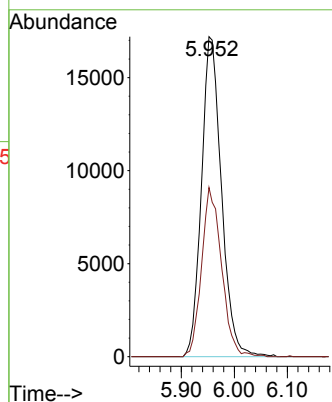
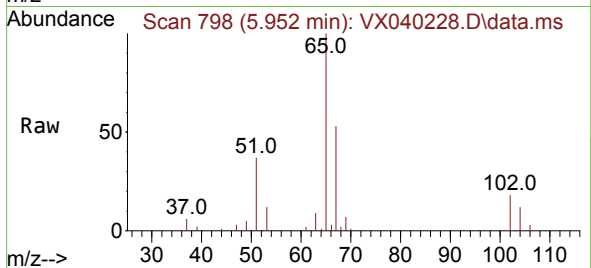
ClientSampleId :

Tgt Ion: 65 Resp: 45066

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040228.D

Acq: 14 Feb 2024 18:13

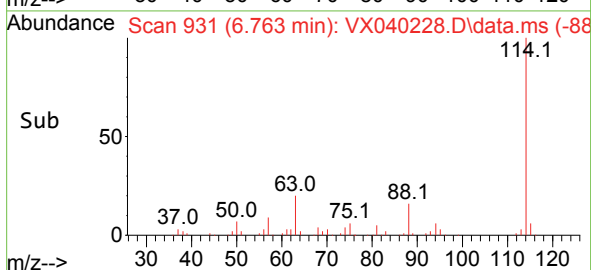
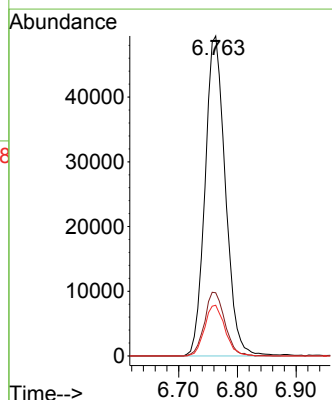
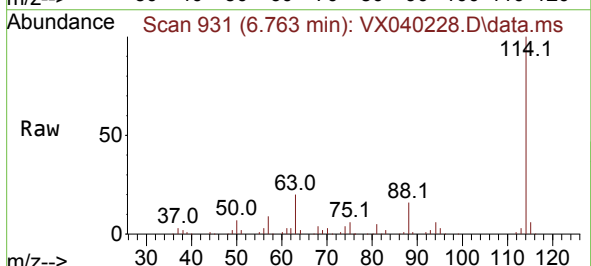
Tgt Ion: 114 Resp: 118782

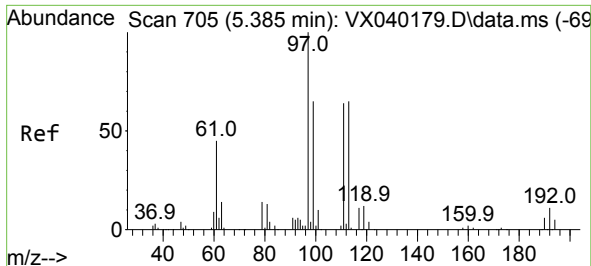
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

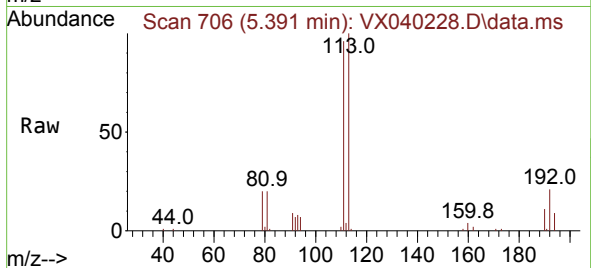
88 15.8 0.0 36.6



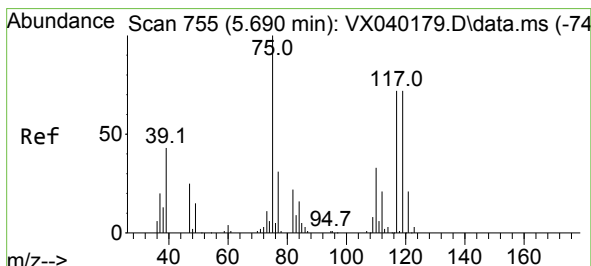
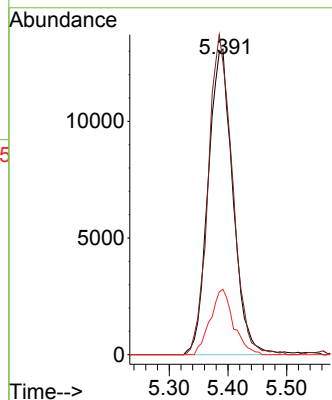
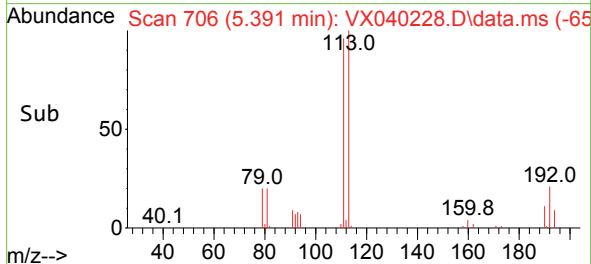


#35
Dibromofluoromethane
Concen: 46.156 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

Instrument :
MSVOA_X
ClientSampleId :

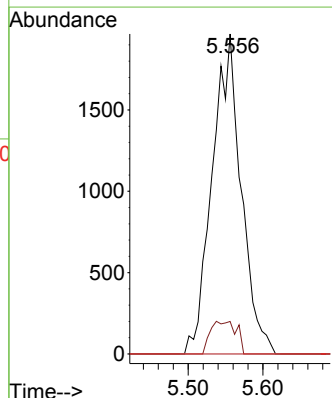
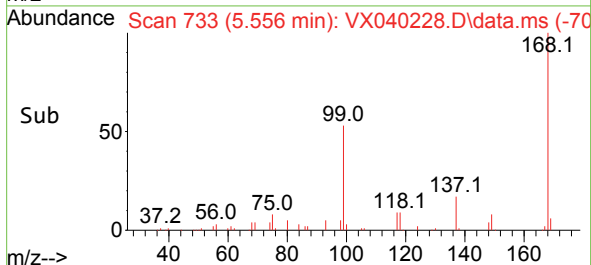
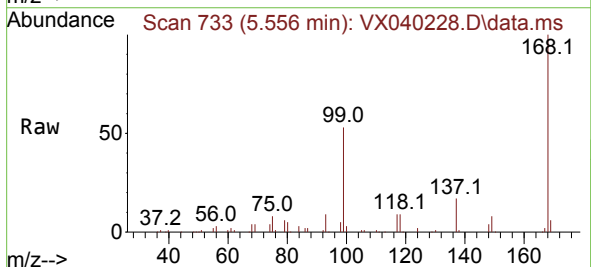


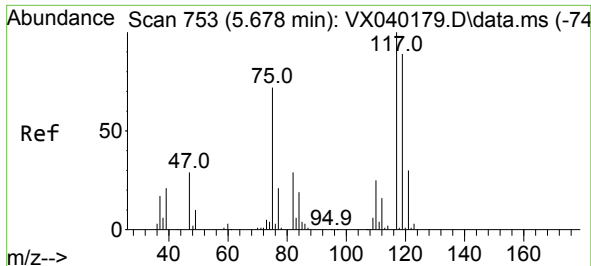
Tgt Ion:113 Resp: 38287
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 20.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

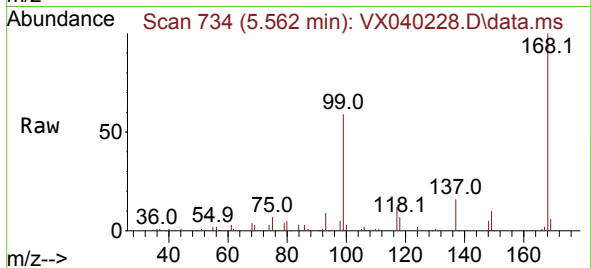
Tgt Ion: 75 Resp: 5295
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



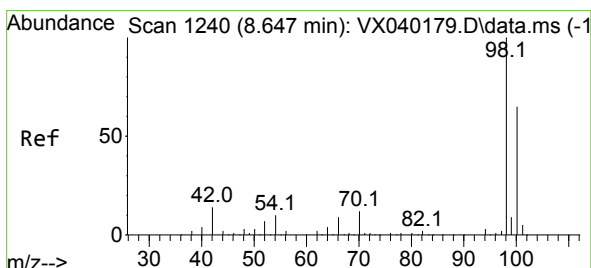
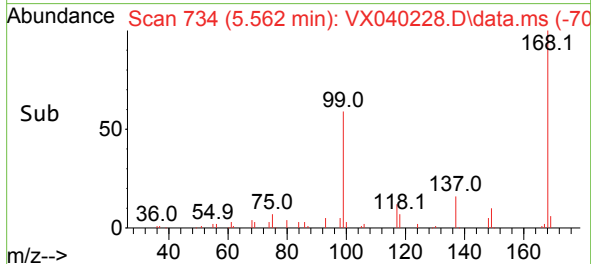
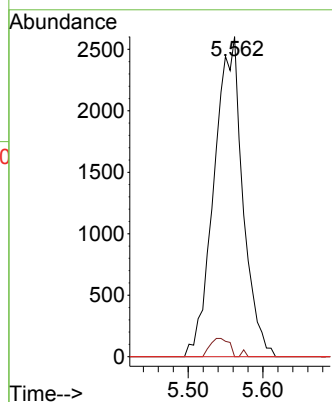


#38
Carbon Tetrachloride
Concen: 6.286 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.110 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

Instrument :
MSVOA_X
ClientSampleId :

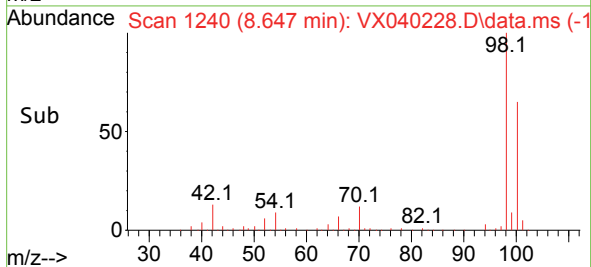
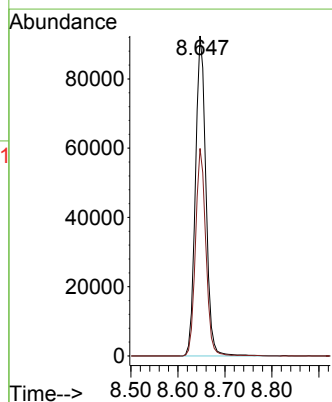
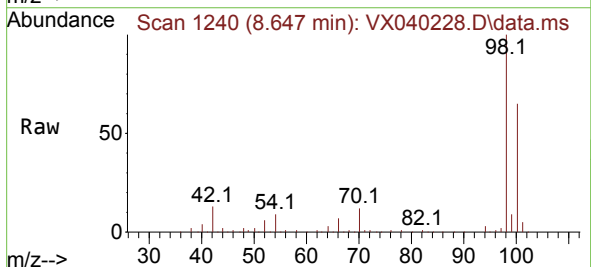


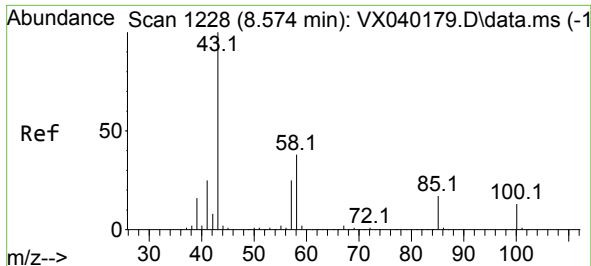
Tgt Ion:117 Resp: 6945
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.465 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

Tgt Ion: 98 Resp: 144177
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

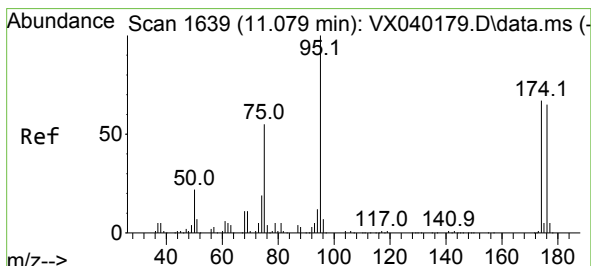
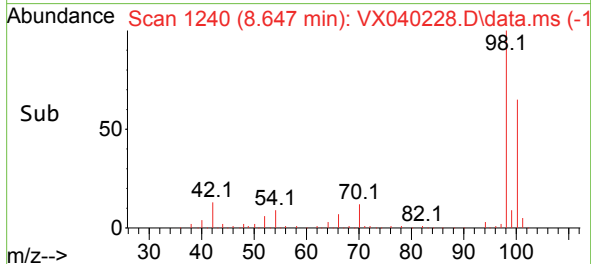
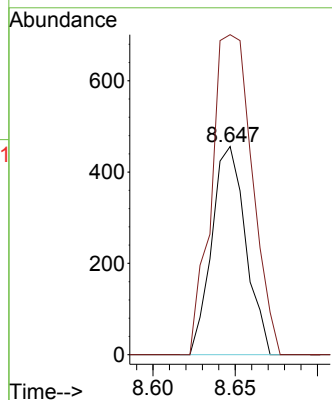
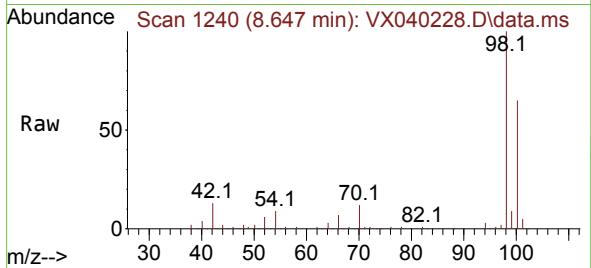




#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

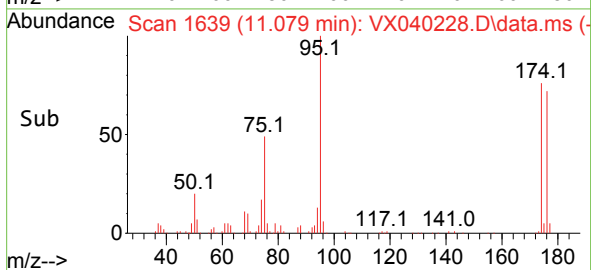
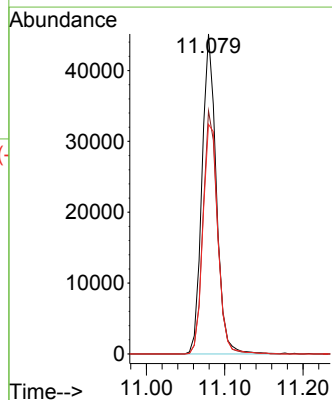
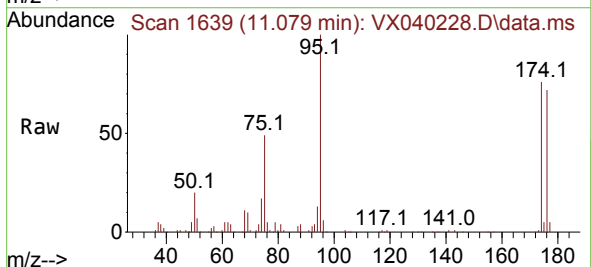
Instrument :
MSVOA_X
ClientSampleId :

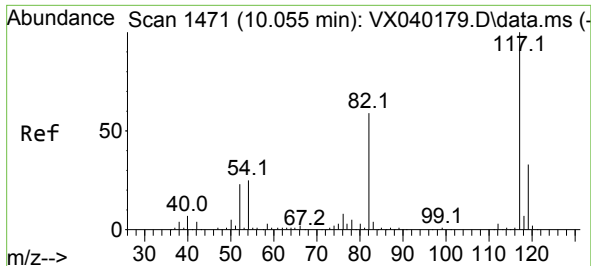
Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 184.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

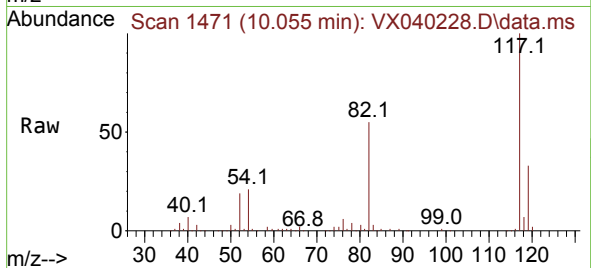
Tgt Ion: 95 Resp: 57179
Ion Ratio Lower Upper
95 100
174 77.0 0.0 135.6
176 75.7 0.0 131.0



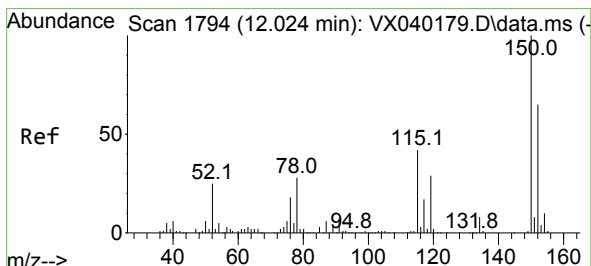
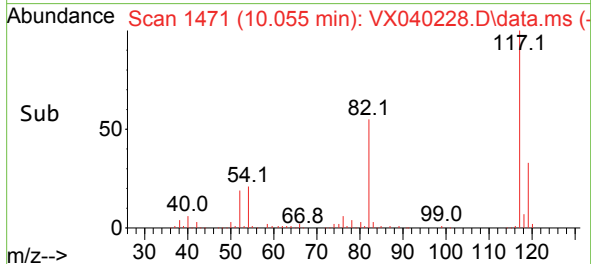
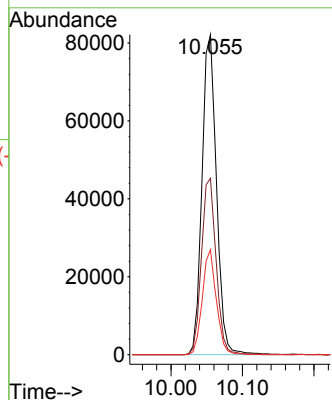


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

Instrument :
MSVOA_X
ClientSampleId :

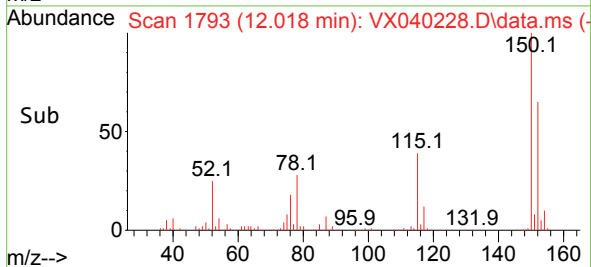
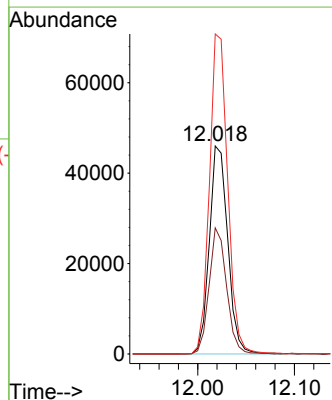
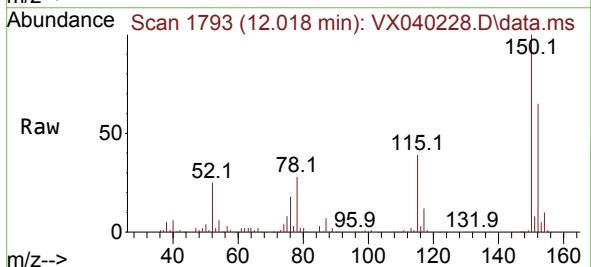


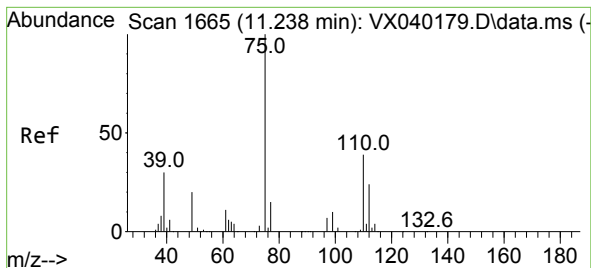
Tgt Ion:117 Resp: 115532
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040228.D
Acq: 14 Feb 2024 18:13

Tgt Ion:152 Resp: 60988
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.9
150 152.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.211 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040228.D

Acq: 14 Feb 2024 18:13

Instrument :

MSVOA_X

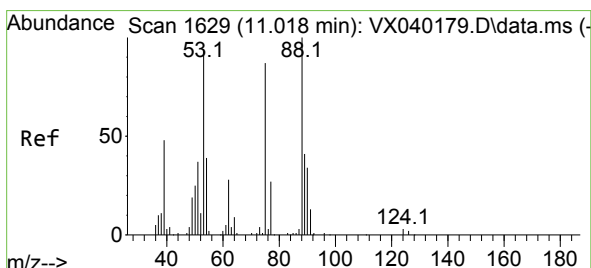
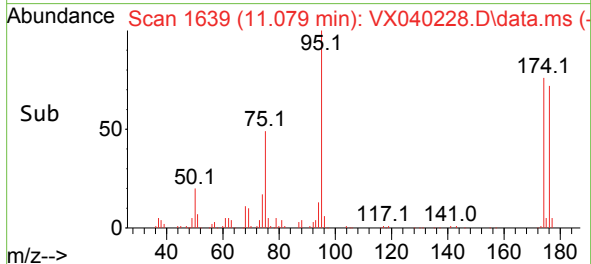
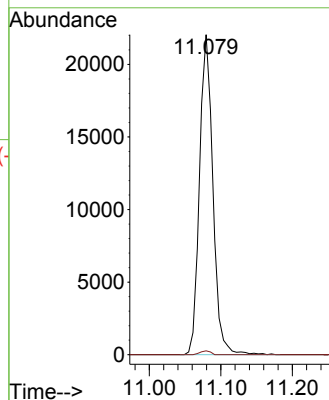
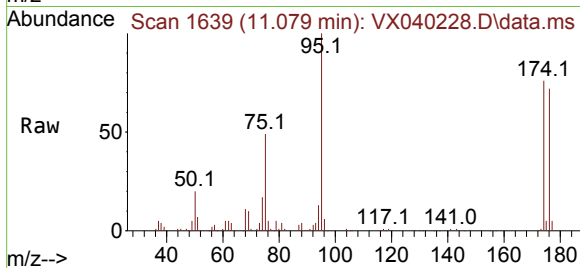
ClientSampleId :

Tgt Ion: 75 Resp: 28666

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.101 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040228.D

Acq: 14 Feb 2024 18:13

Tgt Ion: 75 Resp: 28666

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

