

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040229.D
 Acq On : 14 Feb 2024 18:36
 Operator : JC/MD
 Sample : P1445-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 00:06:43 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)

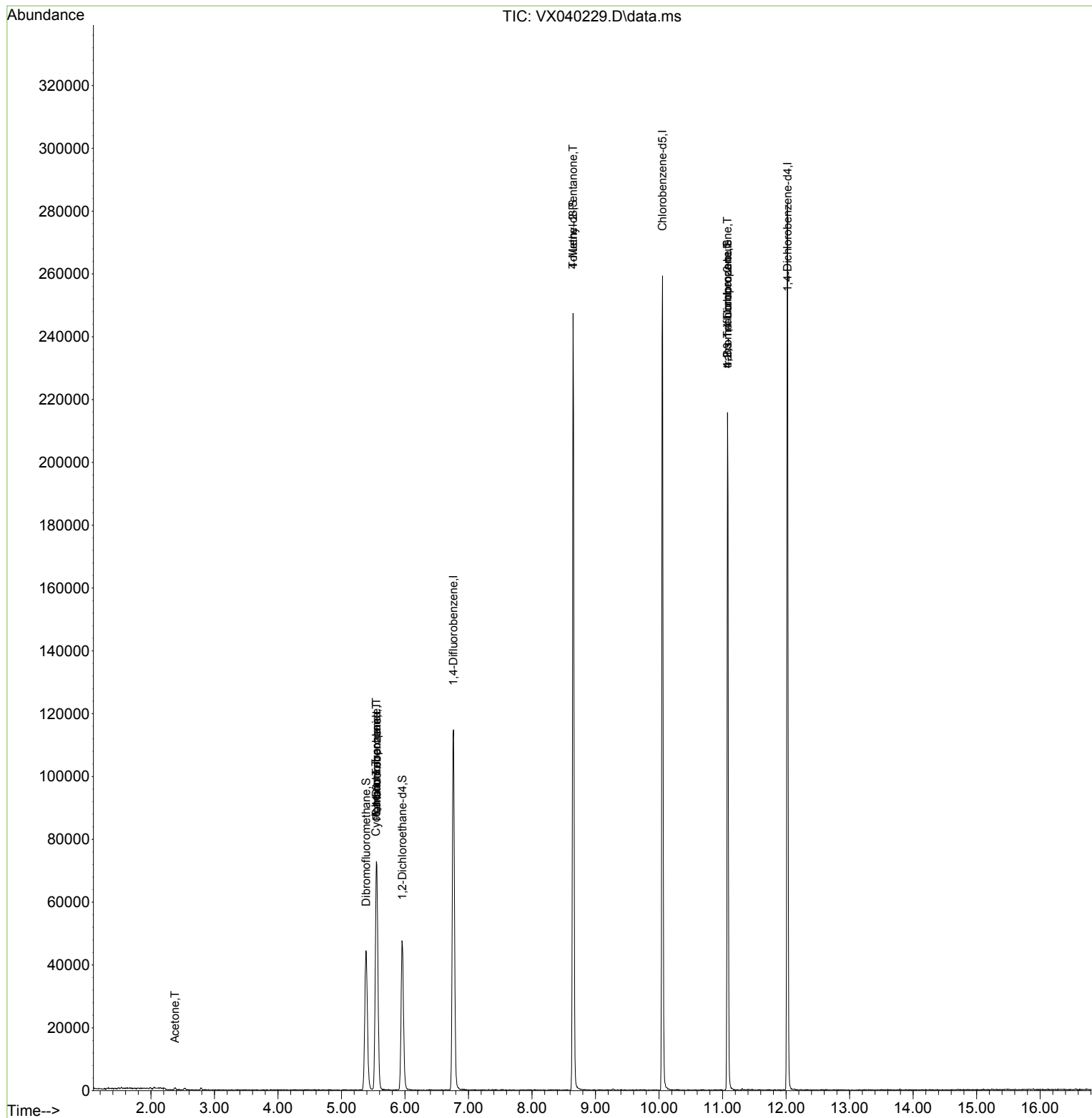
Internal Standards						
1) Pentafluorobenzene	5.556	168	70826	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	120019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46398	44.034	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.060%
35) Dibromofluoromethane	5.385	113	38809	46.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.600%
50) Toluene-d8	8.647	98	145461	46.395	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.800%
62) 4-Bromofluorobenzene	11.079	95	56491	44.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.360%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	721	1.666	ug/l #	89
20) Methylene Chloride	2.788	84	281	Below Cal	#	88
31) Cyclohexane	5.544	56	1531	1.218	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	5817	4.954	ug/l #	47
38) Carbon Tetrachloride	5.550	117	6735	6.033	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	643	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29382	24.206	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	29382	66.696	ug/l #	5

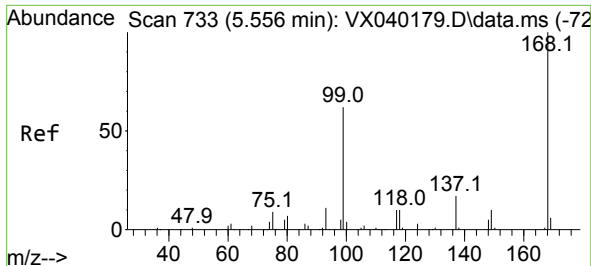
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



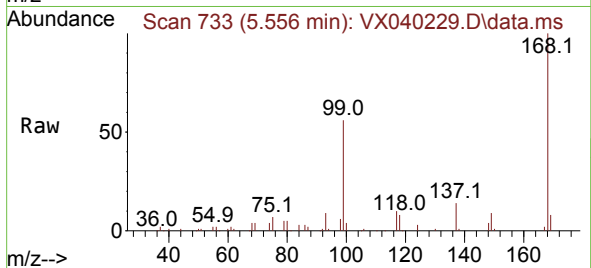


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

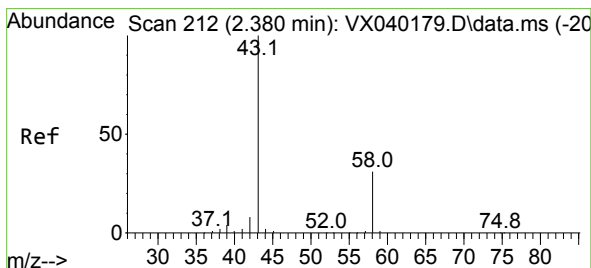
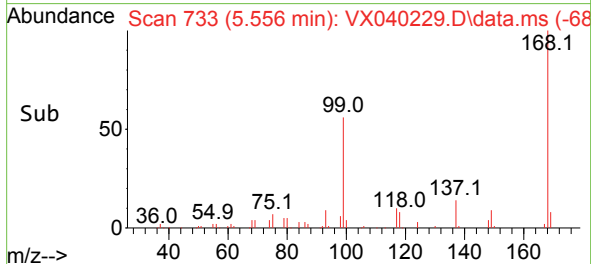
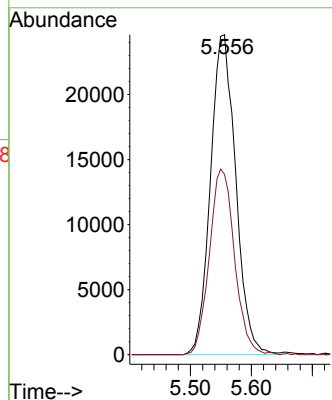
Instrument :

MSVOA_X

ClientSampleId :

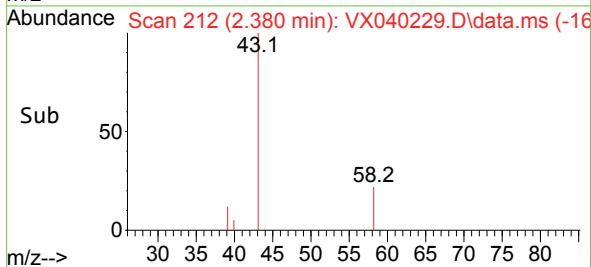
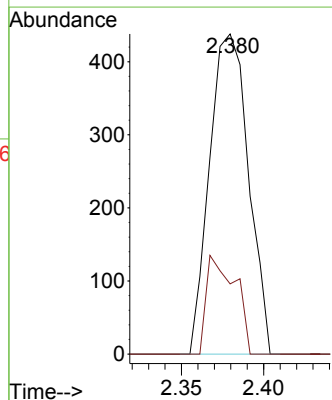
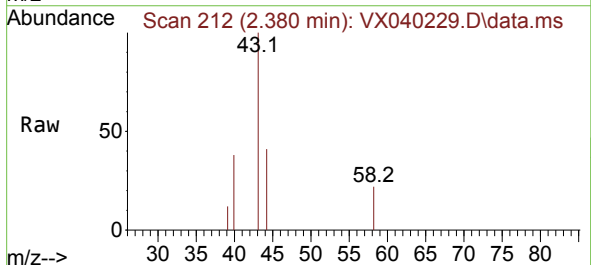


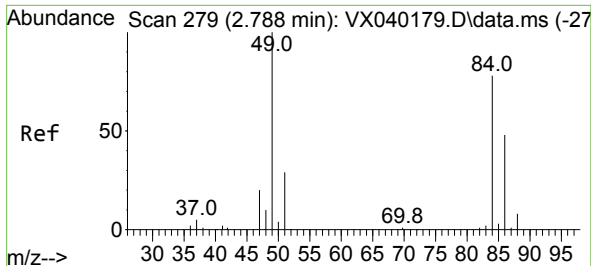
Tgt Ion:168 Resp: 70826
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#16
Acetone
Concen: 1.666 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

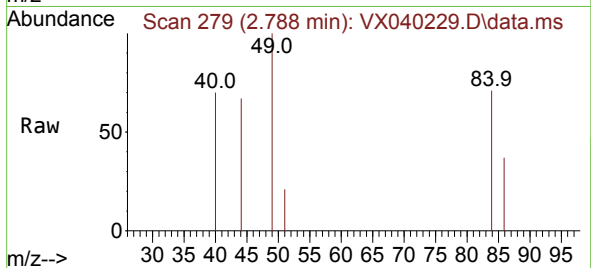
Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
58 21.9 21.9 32.9#





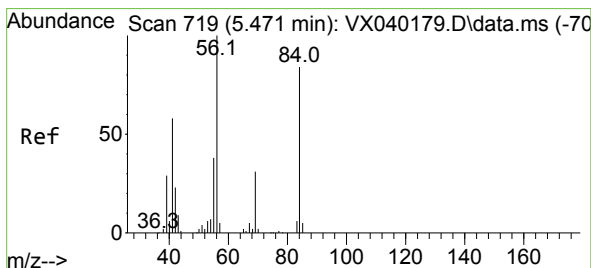
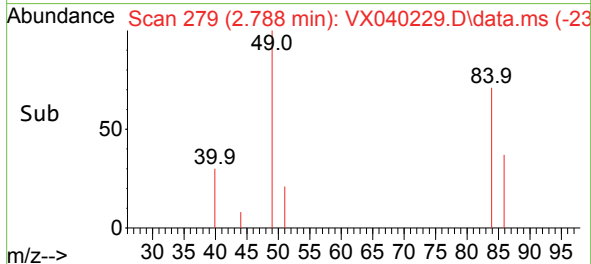
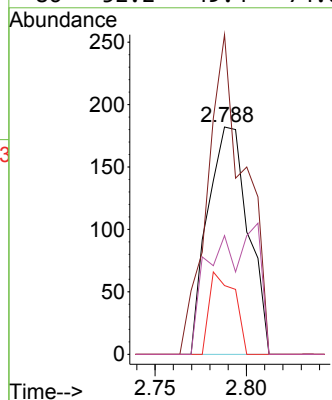
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 281

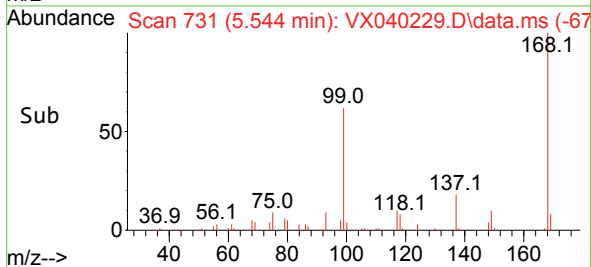
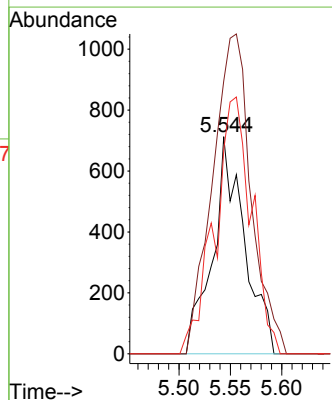
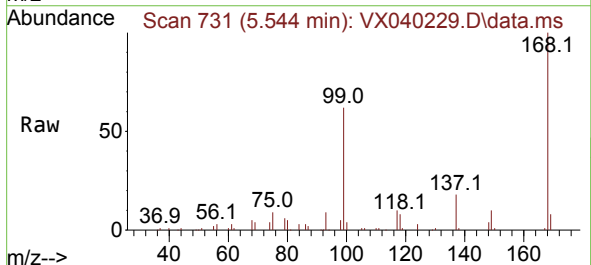
Ion	Ratio	Lower	Upper
84	100		
49	140.7	103.6	155.4
51	30.2	33.8	50.6#
86	52.2	49.4	74.0

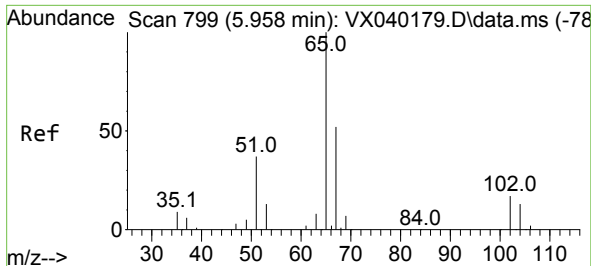


#31
Cyclohexane
Concen: 1.218 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Tgt Ion: 56 Resp: 1531

Ion	Ratio	Lower	Upper
56	100		
69	125.5	23.4	35.2#
84	94.0	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 44.034 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040229.D

Acq: 14 Feb 2024 18:36

Instrument :

MSVOA_X

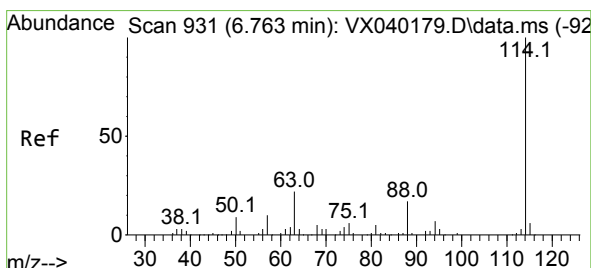
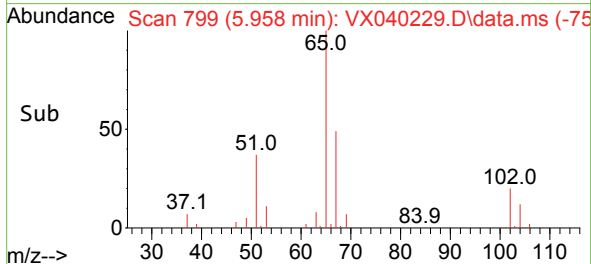
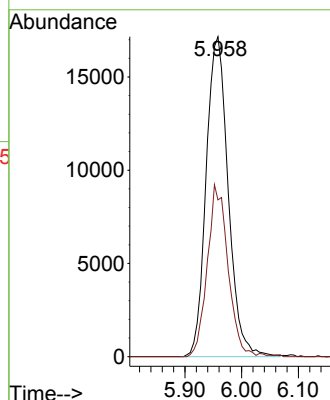
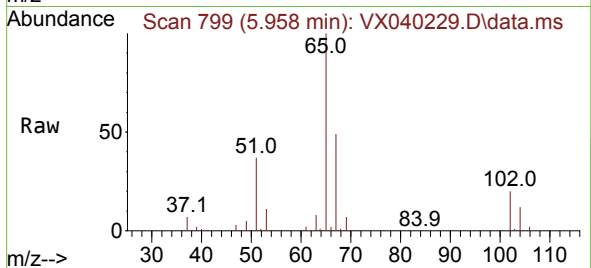
ClientSampleId :

Tgt Ion: 65 Resp: 46398

Ion Ratio Lower Upper

65 100

67 50.6 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: VX040229.D

Acq: 14 Feb 2024 18:36

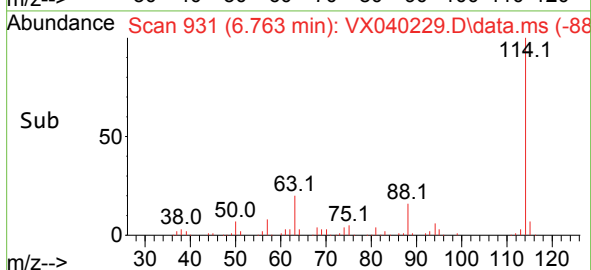
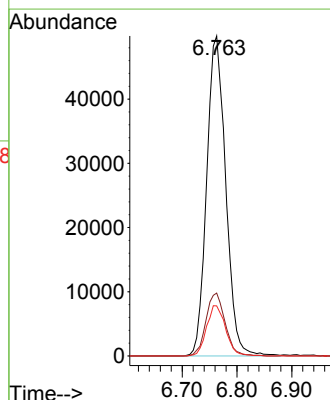
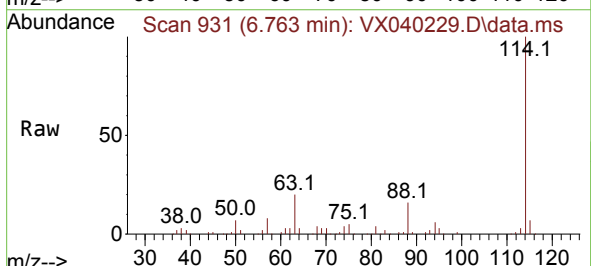
Tgt Ion: 114 Resp: 120019

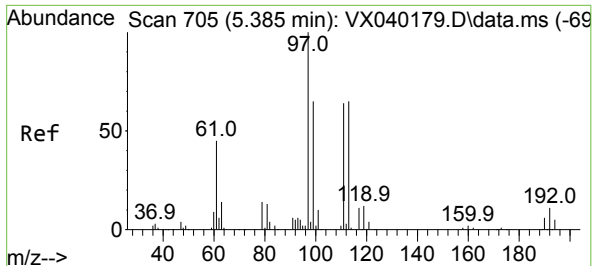
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

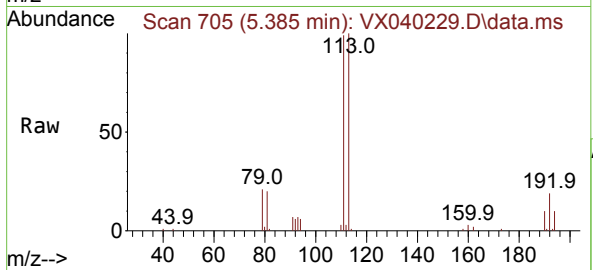
88 15.7 0.0 36.6



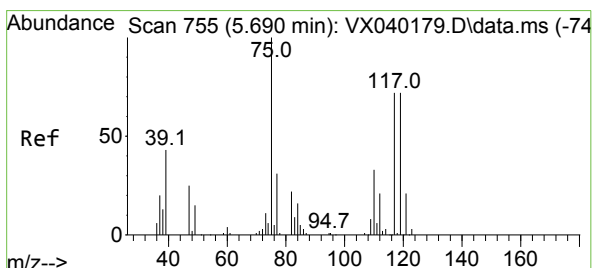
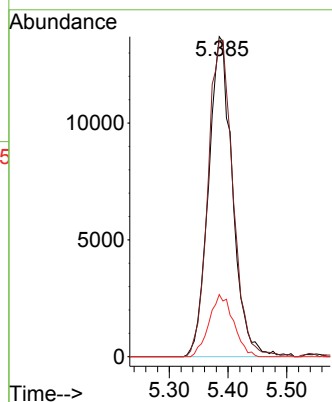
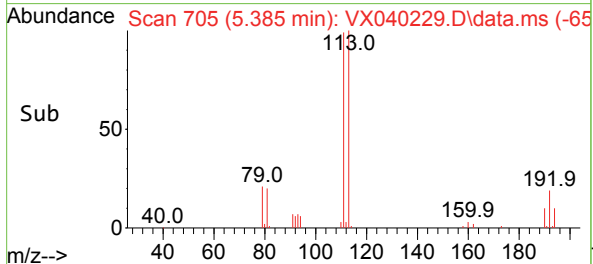


#35
Dibromofluoromethane
Concen: 46.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :

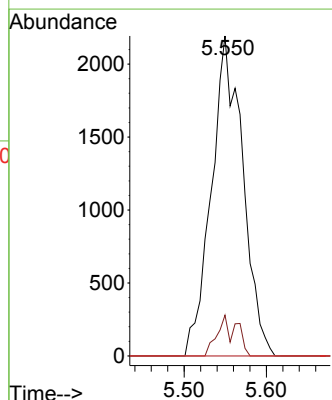
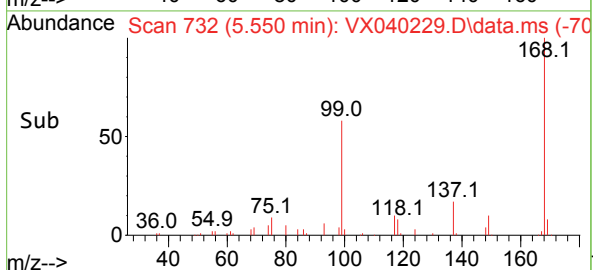
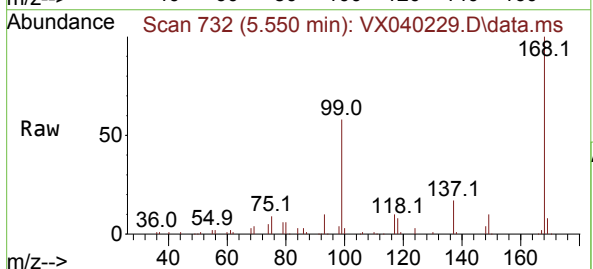


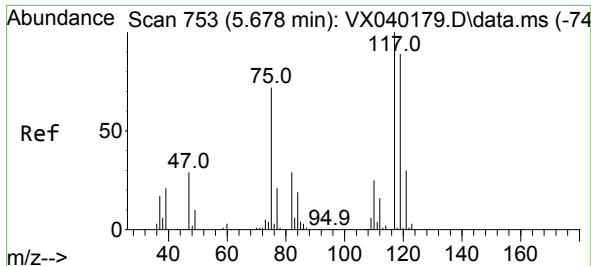
Tgt Ion:113 Resp: 38809
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

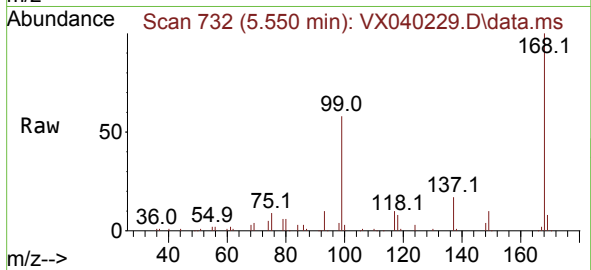
Tgt Ion: 75 Resp: 5817
Ion Ratio Lower Upper
75 100
110 4.8 17.0 50.9#
77 0.0 24.7 37.1#



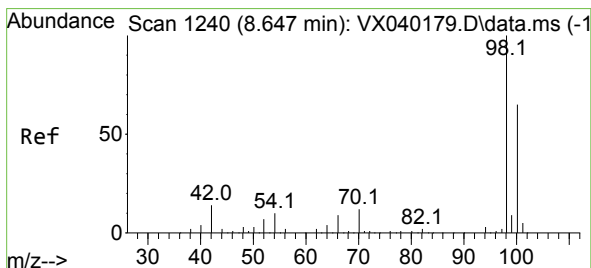
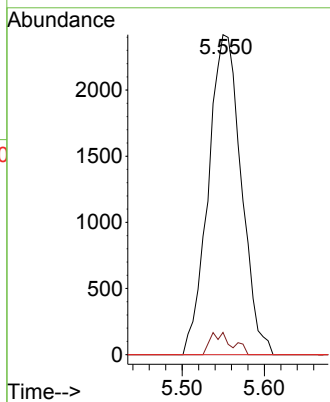
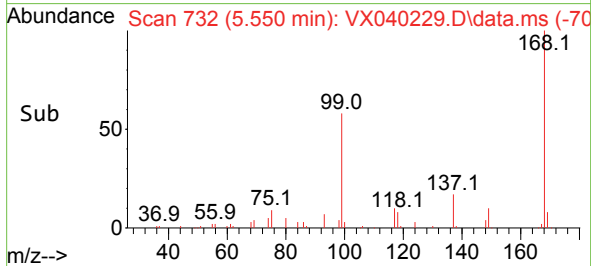


#38
Carbon Tetrachloride
Concen: 6.033 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :

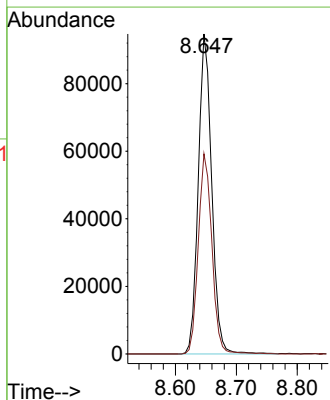
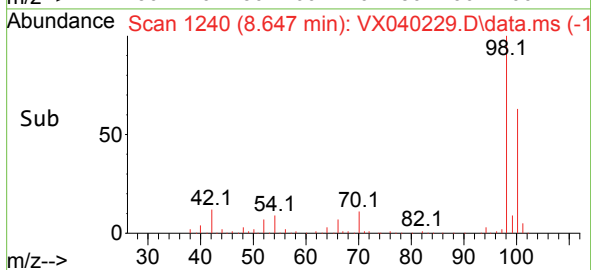
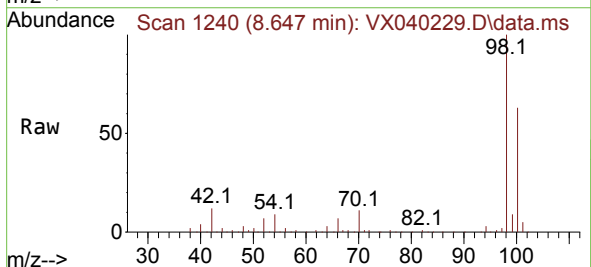


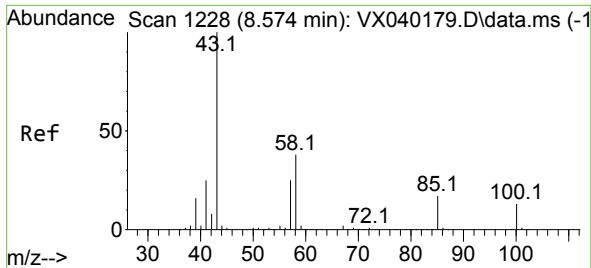
Tgt Ion:117 Resp: 6735
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.395 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Tgt Ion: 98 Resp: 145461
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

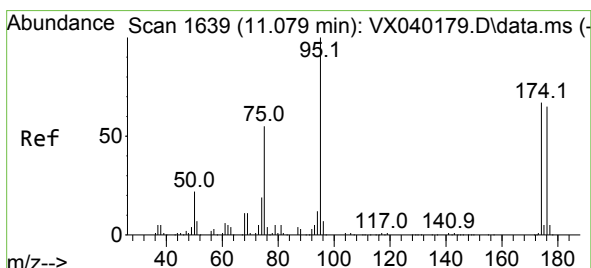
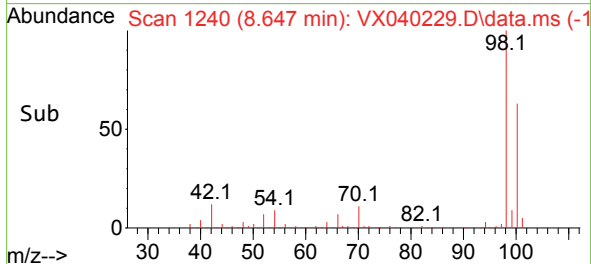
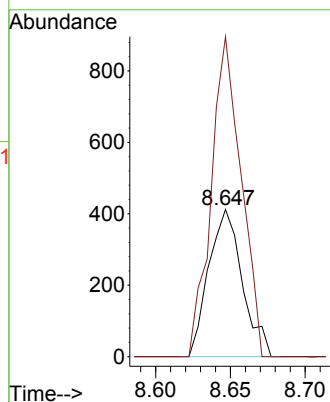
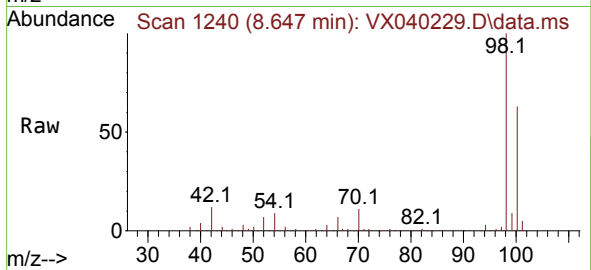




#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

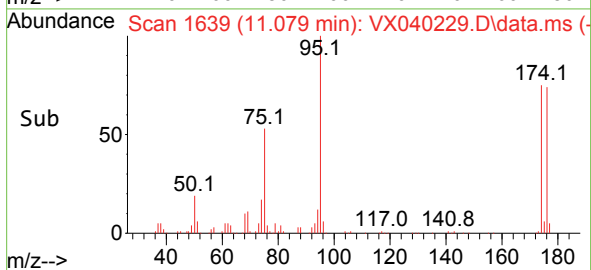
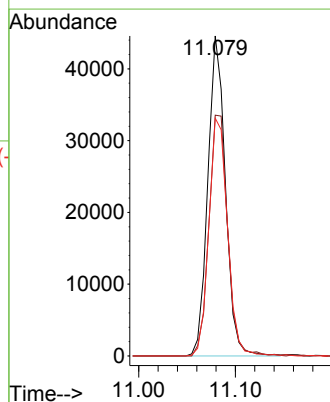
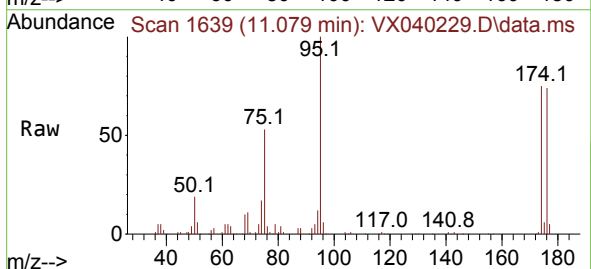
Instrument :
MSVOA_X
ClientSampleId :

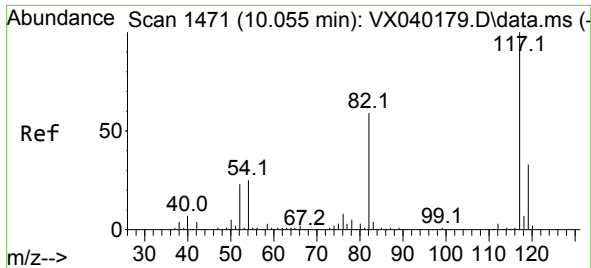
Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
58 194.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

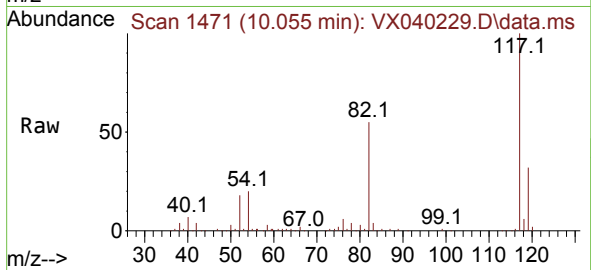
Tgt Ion: 95 Resp: 56491
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 79.1 0.0 131.0



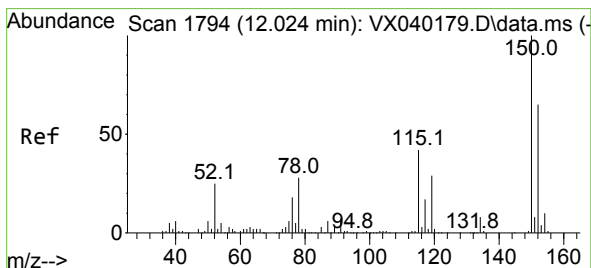
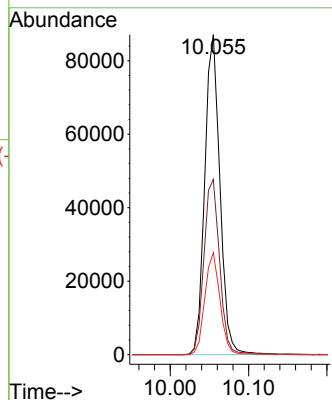
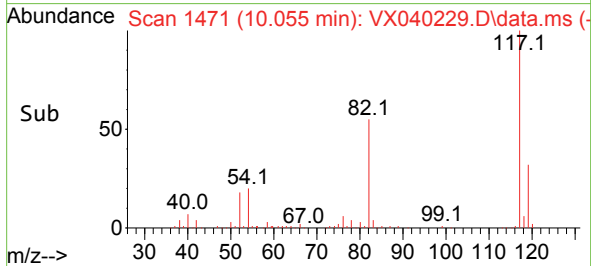


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :

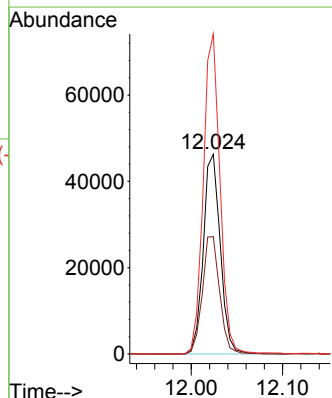
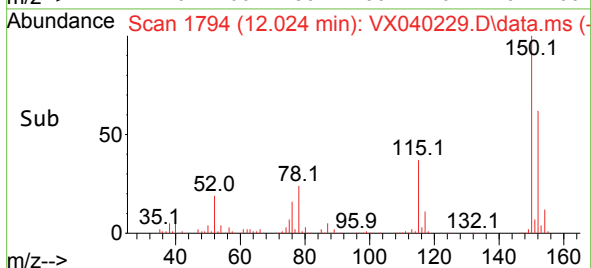
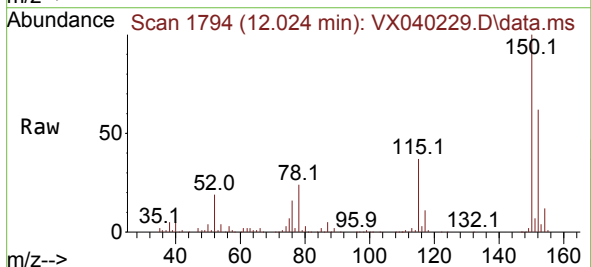


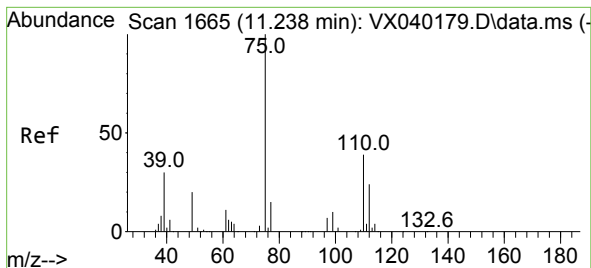
Tgt Ion:117 Resp: 117122
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040229.D
Acq: 14 Feb 2024 18:36

Tgt Ion:152 Resp: 59942
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 157.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.206 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040229.D

Acq: 14 Feb 2024 18:36

Instrument :

MSVOA_X

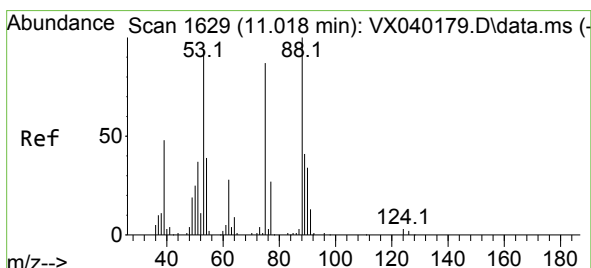
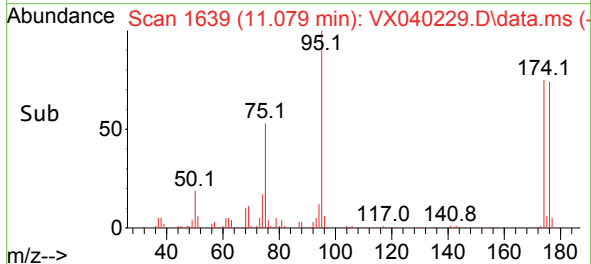
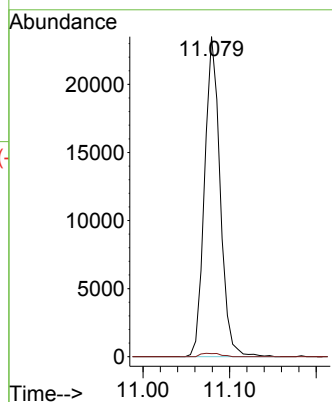
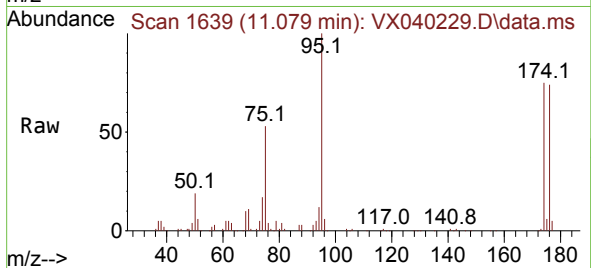
ClientSampleId :

Tgt Ion: 75 Resp: 29382

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.696 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040229.D

Acq: 14 Feb 2024 18:36

Tgt Ion: 75 Resp: 29382

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

