

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040227.D
 Acq On : 14 Feb 2024 17:50
 Operator : JC/MD
 Sample : P1445-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 00:06:01 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)

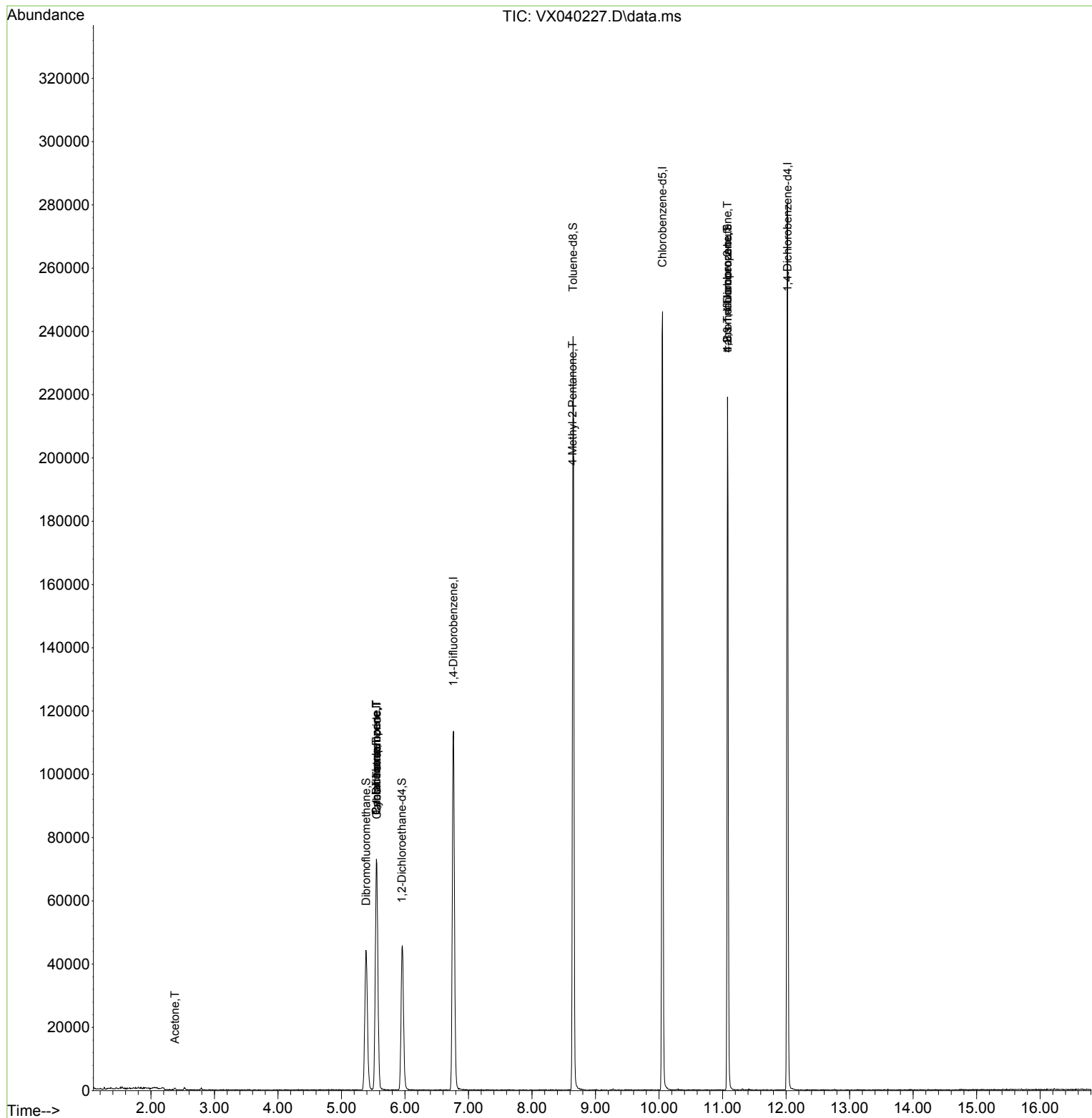
Internal Standards						
1) Pentafluorobenzene	5.550	168	70688	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	117777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44946	42.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.480%
35) Dibromofluoromethane	5.385	113	38238	46.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	142509	46.319	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.640%
62) 4-Bromofluorobenzene	11.079	95	57399	45.744	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.480%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	663	1.535	ug/l	# 74
20) Methylene Chloride	2.794	84	223	Below Cal	#	81
31) Cyclohexane	5.550	56	1564	1.247	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	5793	5.028	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	7168	6.543	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.641	43	637	0.466	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	29985	24.908	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	29985	68.529	ug/l	# 5

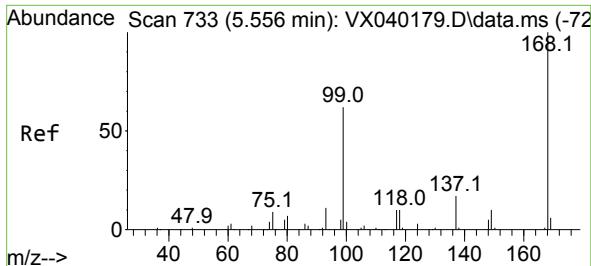
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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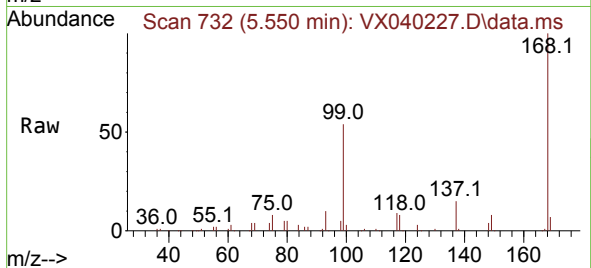
Quant Time: Feb 15 00:06:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



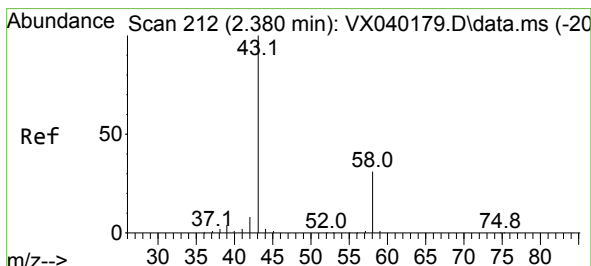
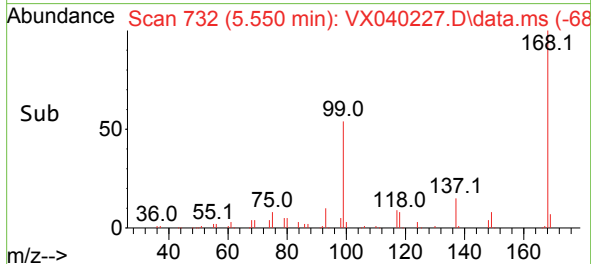
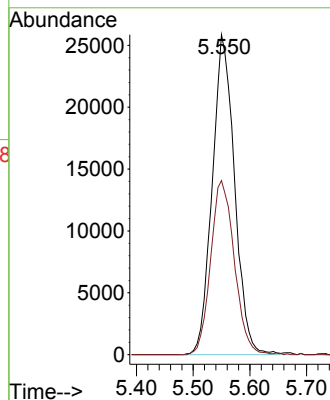


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Instrument :
MSVOA_X
ClientSampleId :

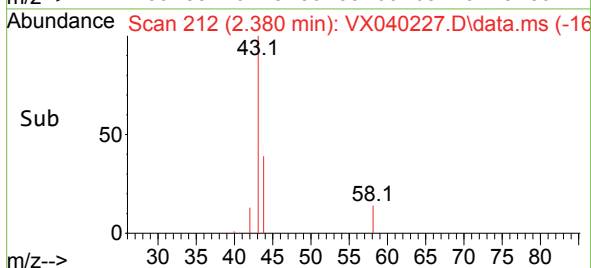
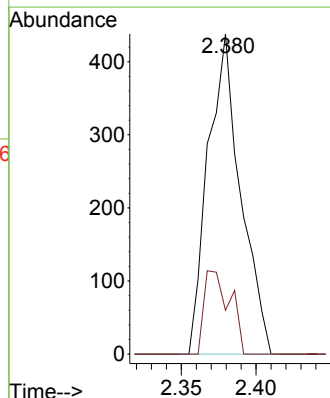
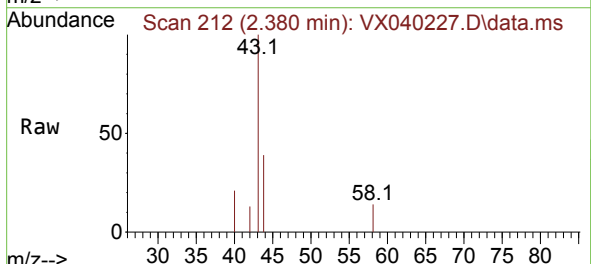


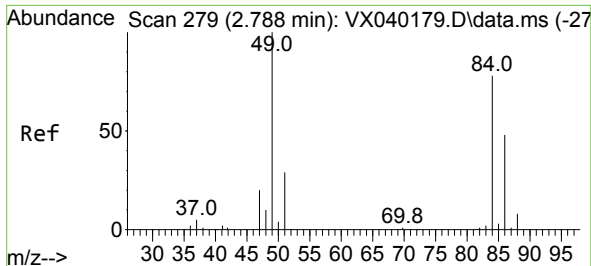
Tgt Ion:168 Resp: 70688
Ion Ratio Lower Upper
168 100
99 54.4 56.6 85.0#



#16
Acetone
Concen: 1.535 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 13.7 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

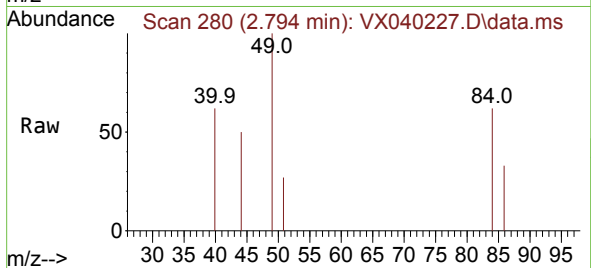
Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 223

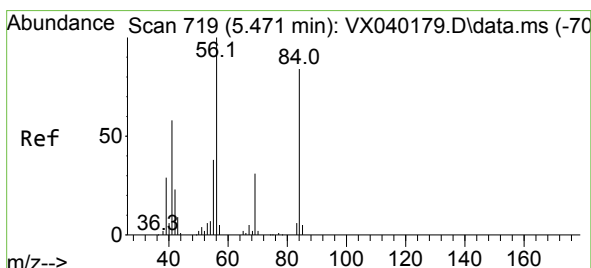
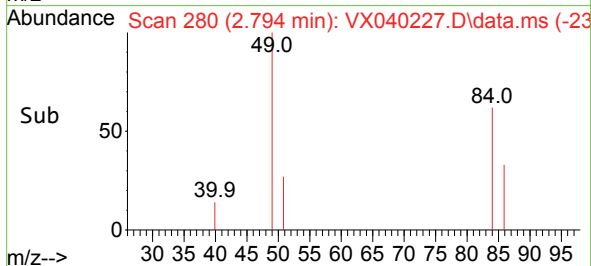
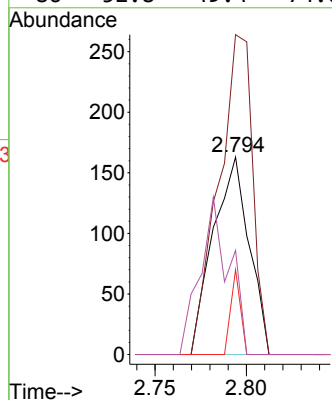
Ion Ratio Lower Upper

84 100

49 162.0 103.6 155.4#

51 42.9 33.8 50.6

86 52.8 49.4 74.0



#31

Cyclohexane

Concen: 1.247 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

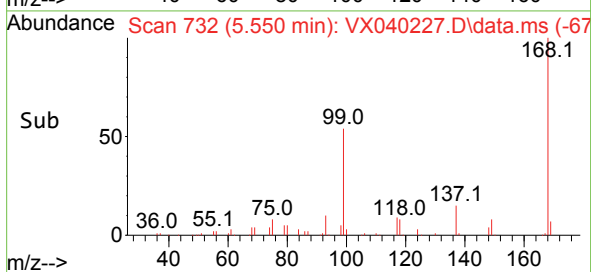
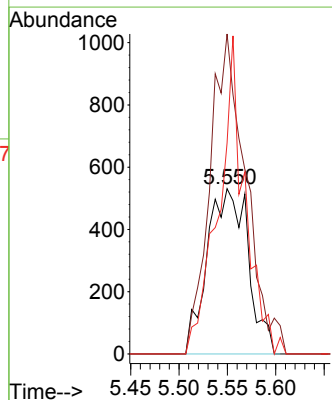
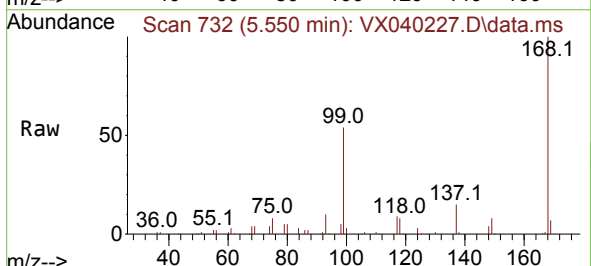
Tgt Ion: 56 Resp: 1564

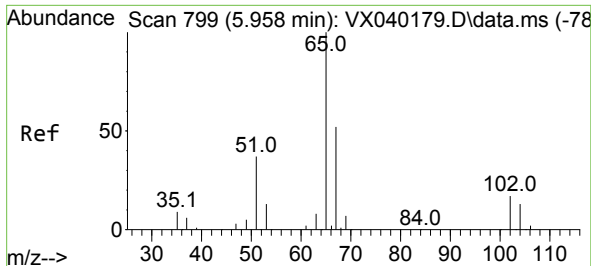
Ion Ratio Lower Upper

56 100

69 193.6 23.4 35.2#

84 127.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.739 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

Instrument :

MSVOA_X

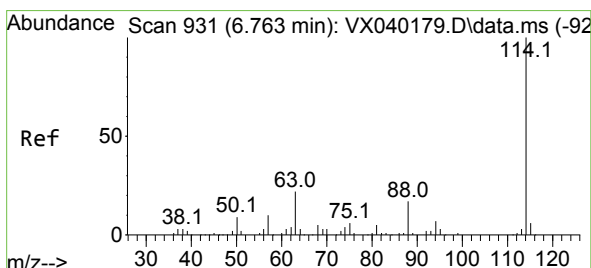
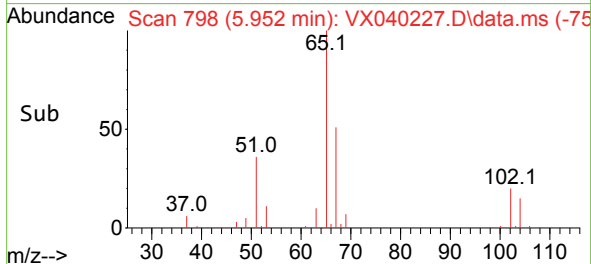
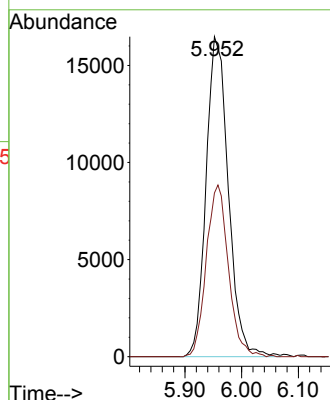
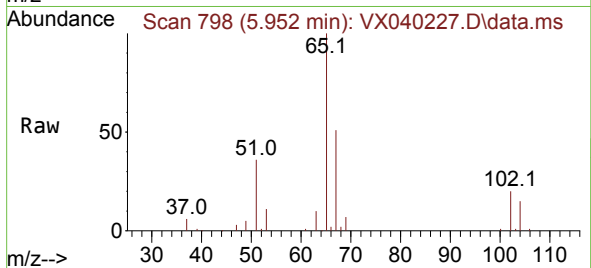
ClientSampleId :

Tgt Ion: 65 Resp: 44946

Ion Ratio Lower Upper

65 100

67 53.2 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: VX040227.D

Acq: 14 Feb 2024 17:50

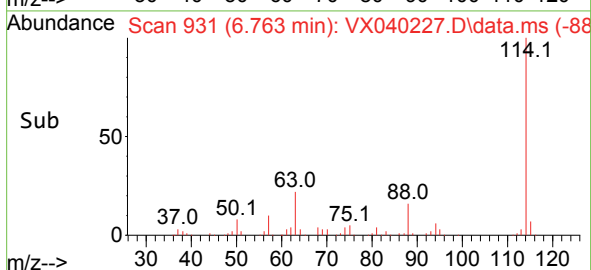
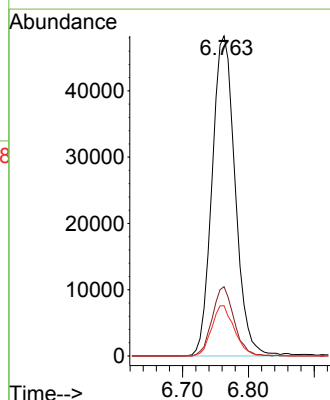
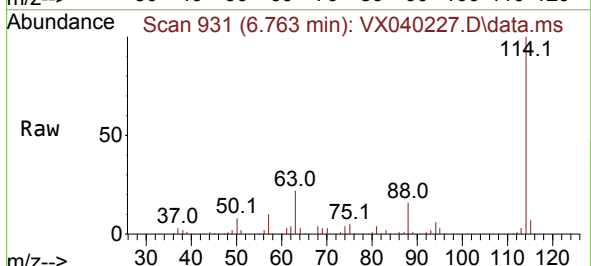
Tgt Ion: 114 Resp: 117777

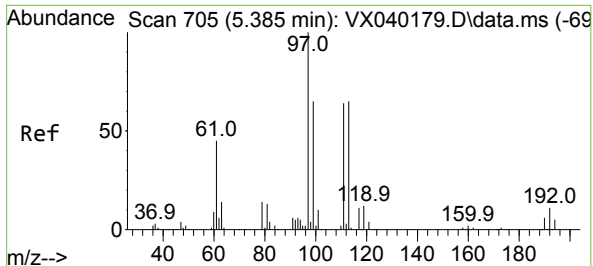
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

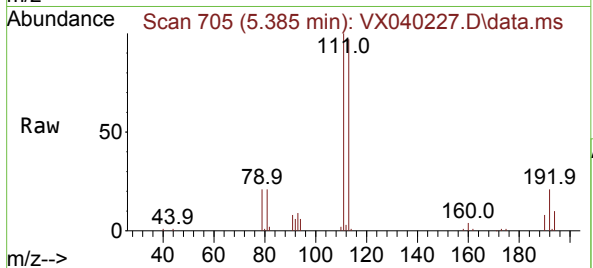
88 15.7 0.0 36.6



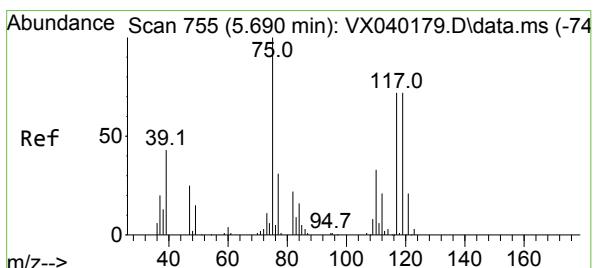
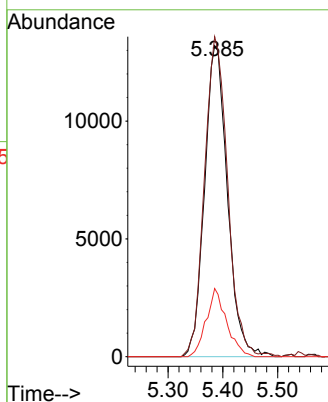
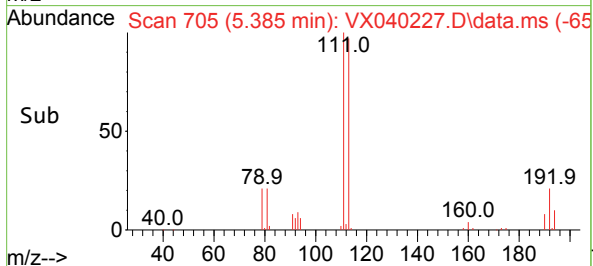


#35
Dibromofluoromethane
Concen: 46.491 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Instrument :
MSVOA_X
ClientSampleId :

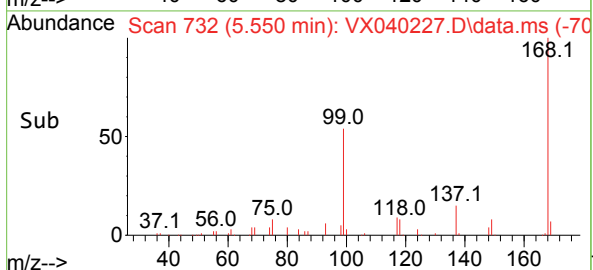
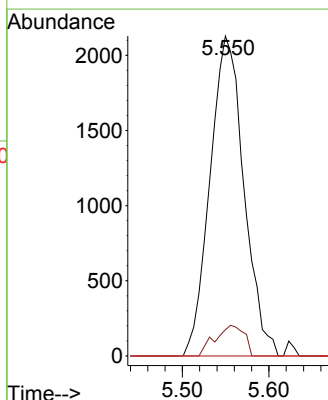
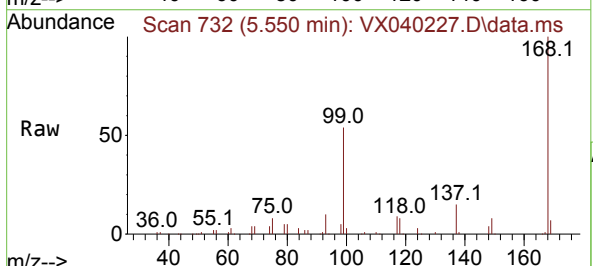


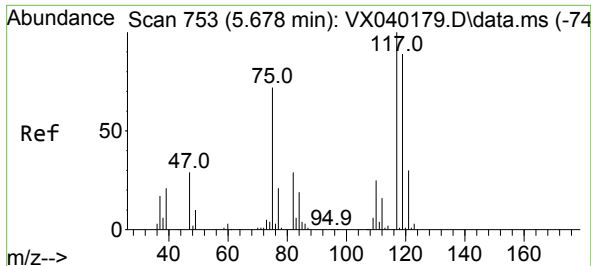
Tgt Ion:113 Resp: 38238
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.028 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

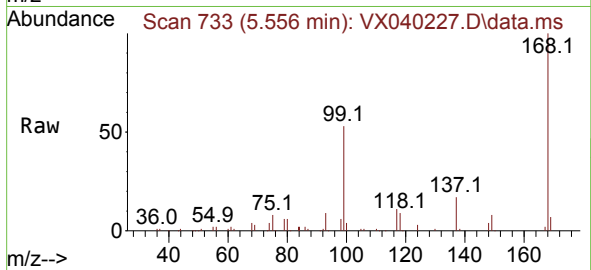
Tgt Ion: 75 Resp: 5793
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



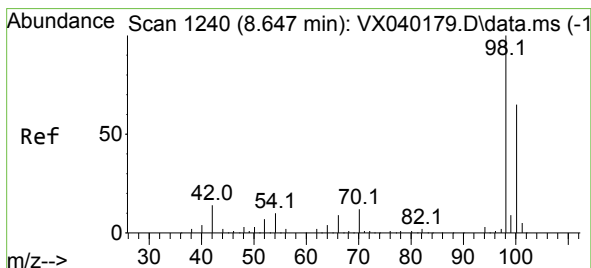
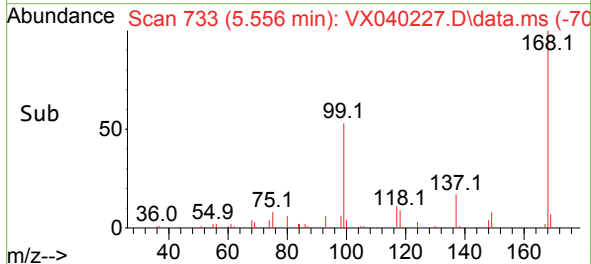
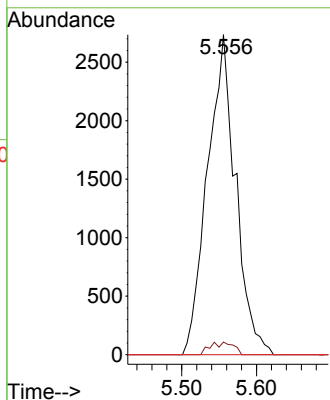


#38
Carbon Tetrachloride
Concen: 6.543 ug/l
RT: 5.556 min Scan# 716
Delta R.T. -0.116 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Instrument :
MSVOA_X
ClientSampleId :

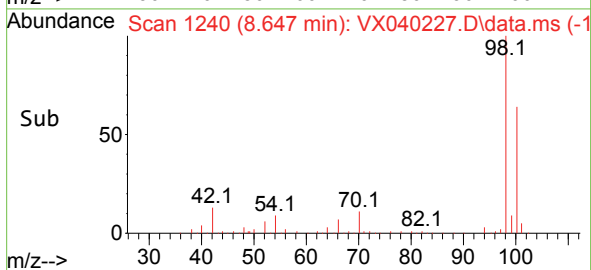
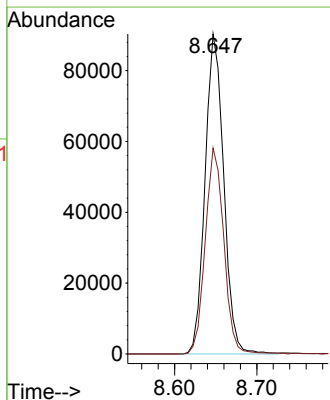
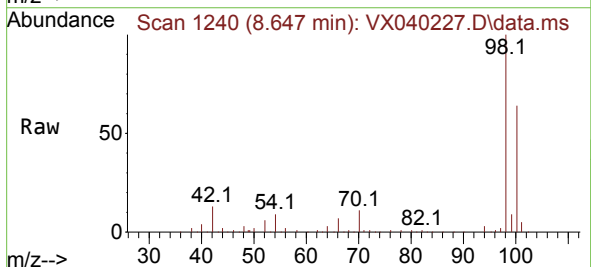


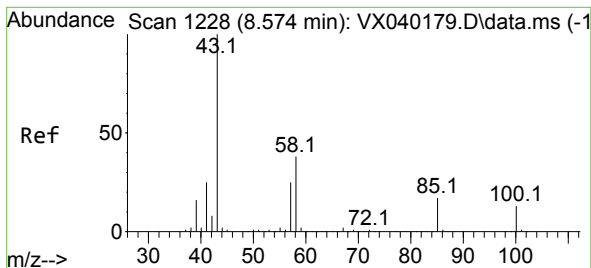
Tgt Ion:117 Resp: 7168
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.319 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 98 Resp: 142509
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.466 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

Instrument :

MSVOA_X

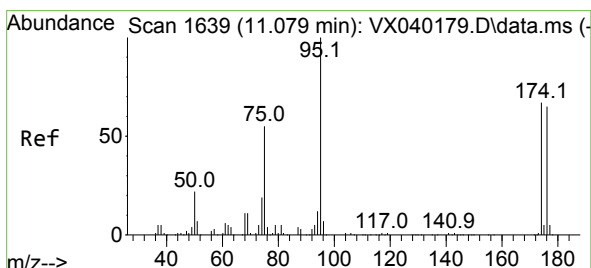
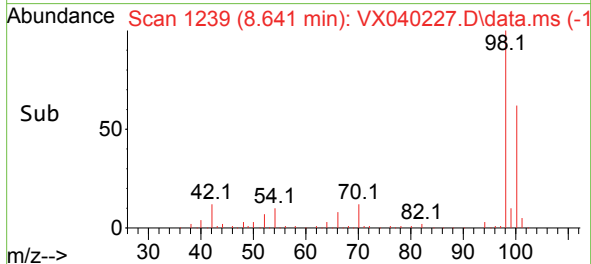
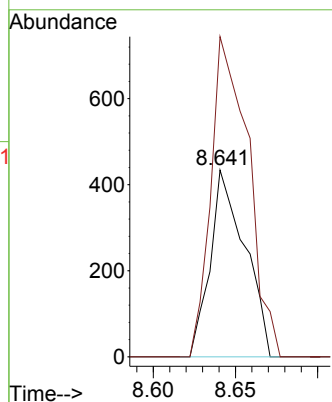
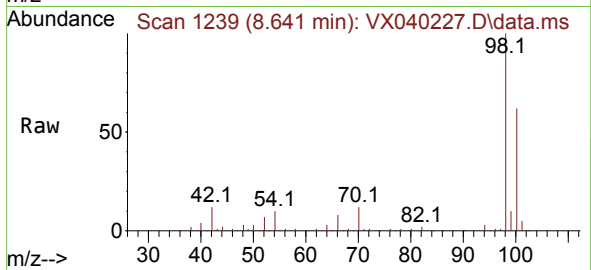
ClientSampleId :

Tgt Ion: 43 Resp: 637

Ion Ratio Lower Upper

43 100

58 183.7 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 45.744 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

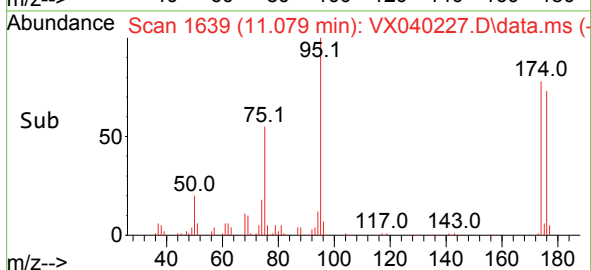
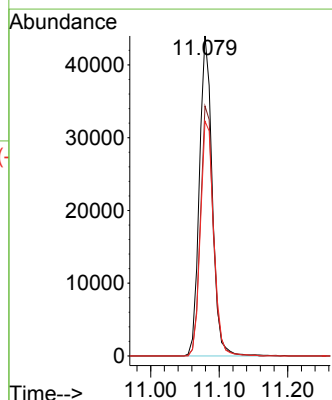
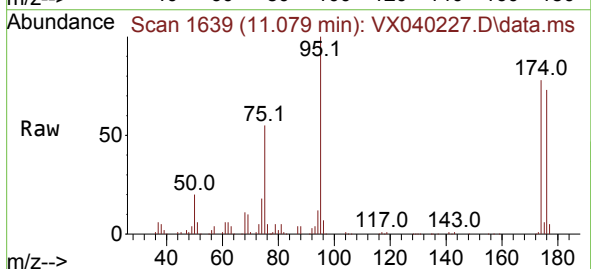
Tgt Ion: 95 Resp: 57399

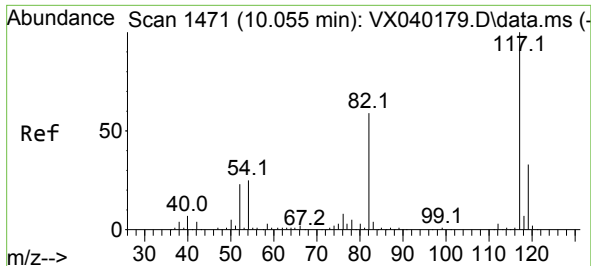
Ion Ratio Lower Upper

95 100

174 78.0 0.0 135.6

176 75.8 0.0 131.0

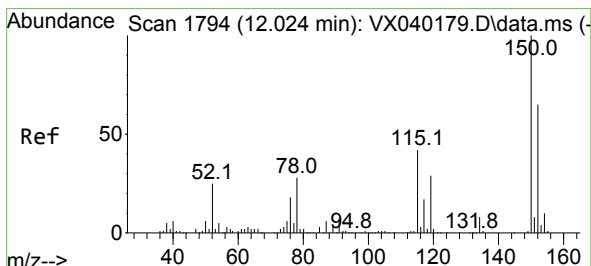
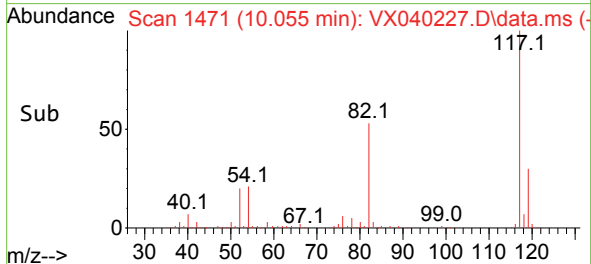
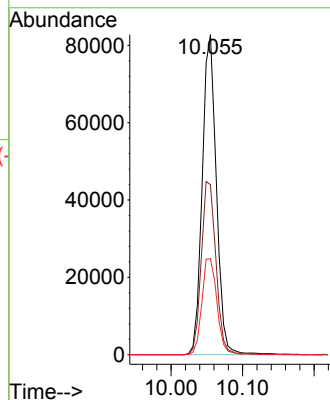
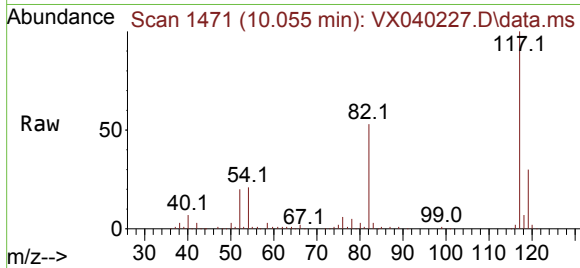




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

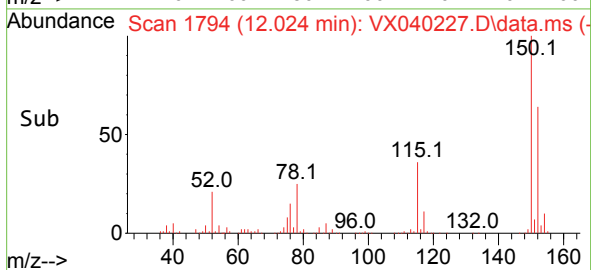
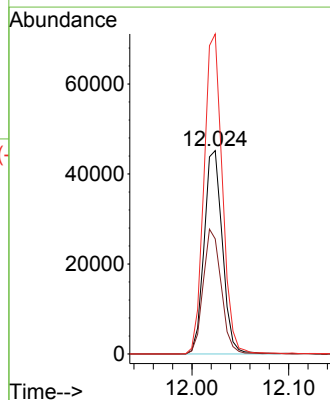
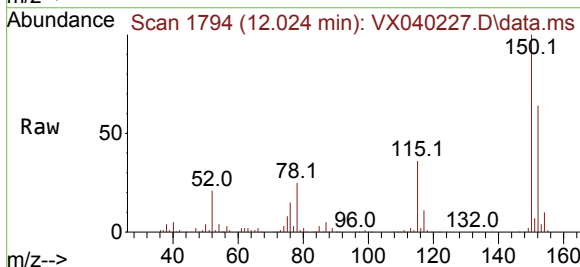
Instrument :
MSVOA_X
ClientSampleId :

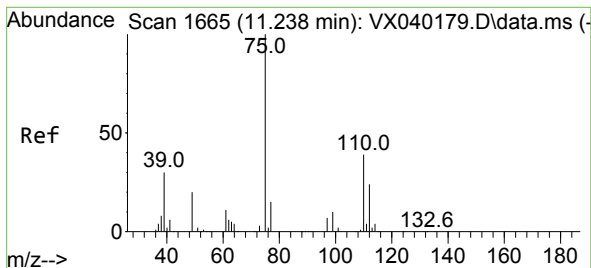
Tgt Ion:117 Resp: 113560
Ion Ratio Lower Upper
117 100
82 53.1 46.2 69.4
119 30.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Tgt Ion:152 Resp: 59447
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 158.5 0.0 345.0

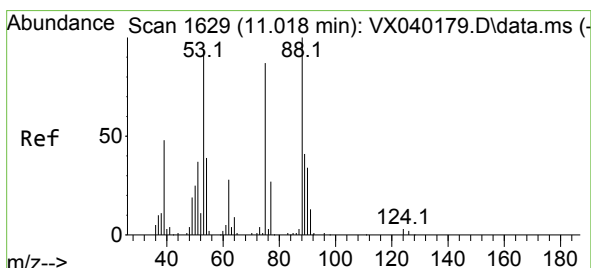
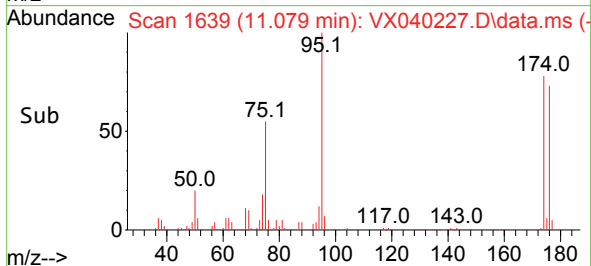
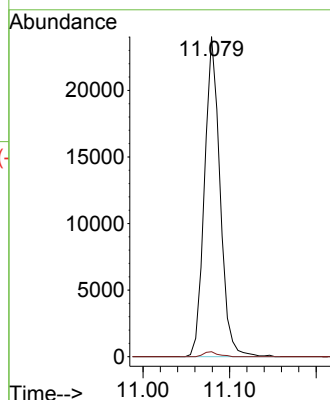
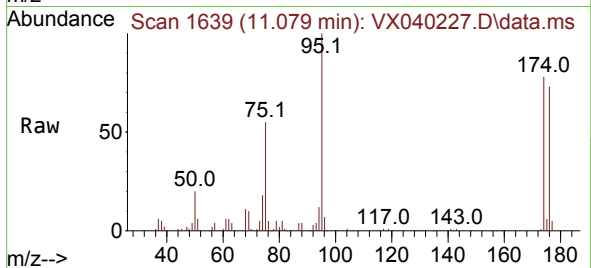




#76
1,2,3-Trichloropropane
Concen: 24.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29985
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040227.D
Acq: 14 Feb 2024 17:50

Tgt Ion: 75 Resp: 29985
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

