

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
 Data File : VX042163.D
 Acq On : 03 Jul 2024 14:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 07:25:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

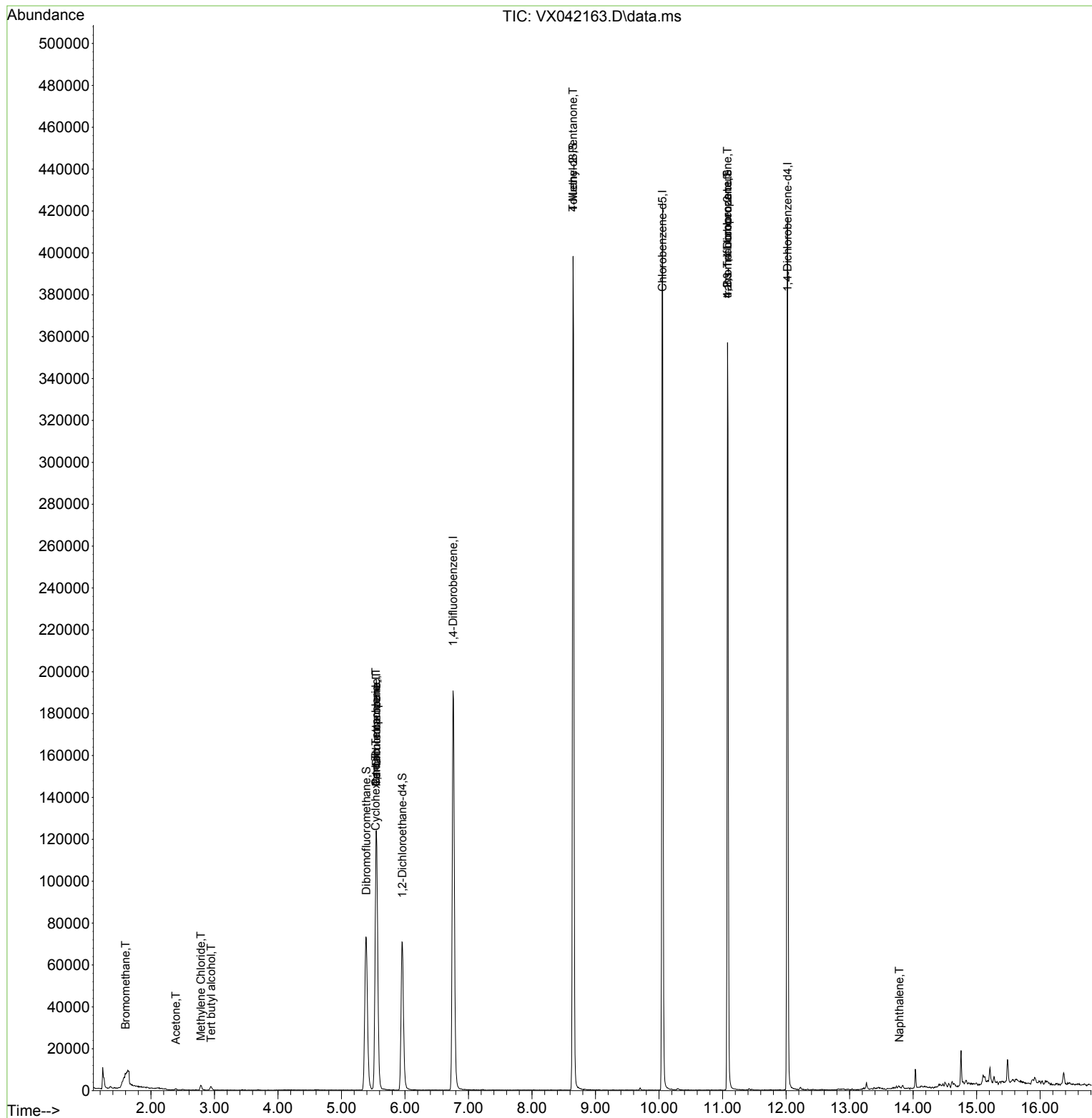
Internal Standards						
1) Pentafluorobenzene	5.550	168	141024	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	217521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67664	41.609	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.220%
35) Dibromofluoromethane	5.391	113	67585	43.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.580%
50) Toluene-d8	8.647	98	250838	46.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.520%
62) 4-Bromofluorobenzene	11.079	95	94345	47.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	545	0.817	ug/l	# 77
6) Chloroethane	1.642	64	35	Below Cal		# 43
11) Tert butyl alcohol	2.947	59	1102	3.571	ug/l	# 78
16) Acetone	2.392	43	601	0.842	ug/l	# 69
20) Methylene Chloride	2.788	84	1327	0.849	ug/l	# 90
31) Cyclohexane	5.538	56	1982	1.042	ug/l	# 12
36) 1,1-Dichloropropene	5.550	75	8207	5.007	ug/l	# 52
38) Carbon Tetrachloride	5.544	117	11691	6.456	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	906	0.401	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	42356	22.841	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42356	64.865	ug/l	# 5
95) Naphthalene	13.786	128	1290	0.921	ug/l	97

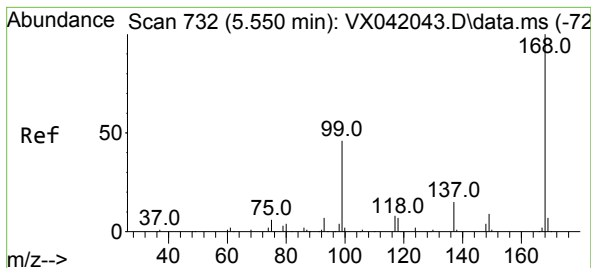
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX042163.D

Acq: 03 Jul 2024 14:48

Instrument :

MSVOA_X

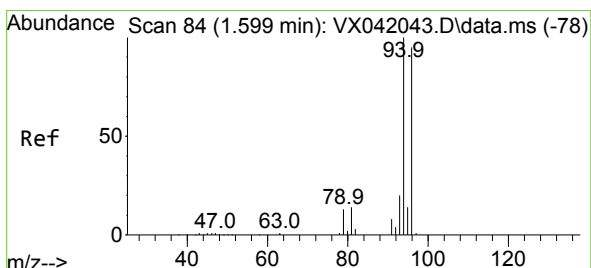
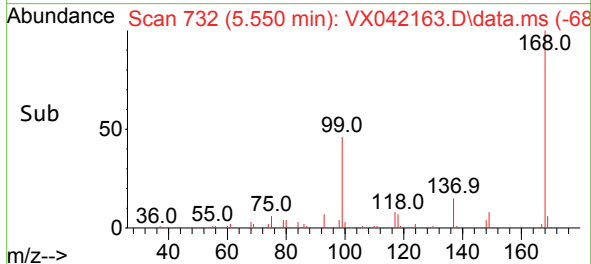
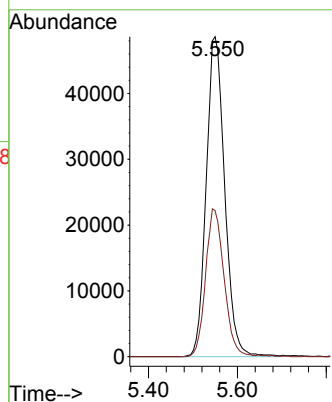
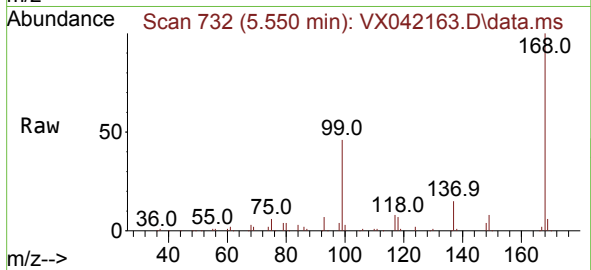
ClientSampleId :

Tgt Ion:168 Resp: 141024

Ion Ratio Lower Upper

168 100

99 45.6 56.6 85.0#



#5

Bromomethane

Concen: 0.817 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042163.D

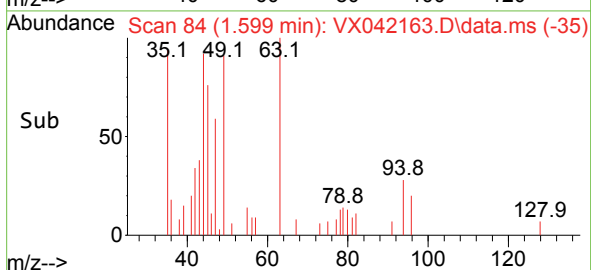
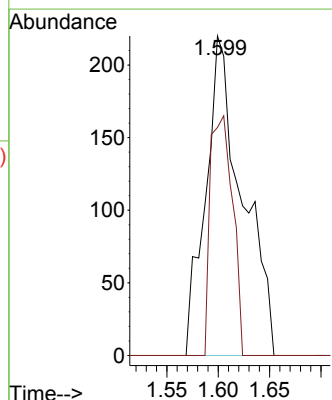
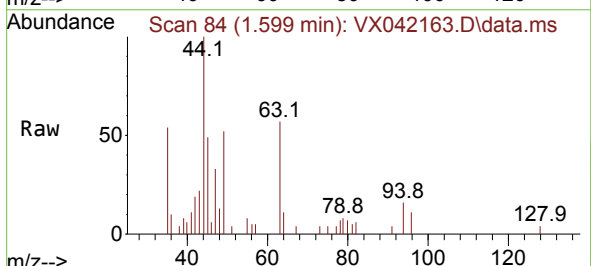
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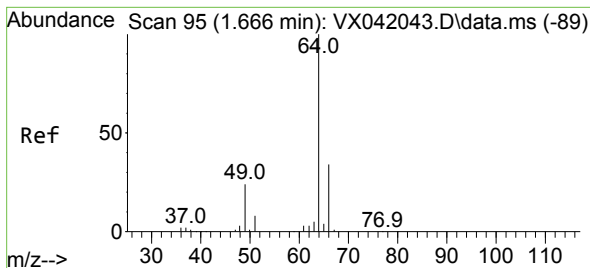
Tgt Ion: 94 Resp: 545

Ion Ratio Lower Upper

94 100

96 71.4 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.642 min Scan# 91

Delta R.T. -0.018 min

Lab File: VX042163.D

Acq: 03 Jul 2024 14:48

Instrument :

MSVOA_X

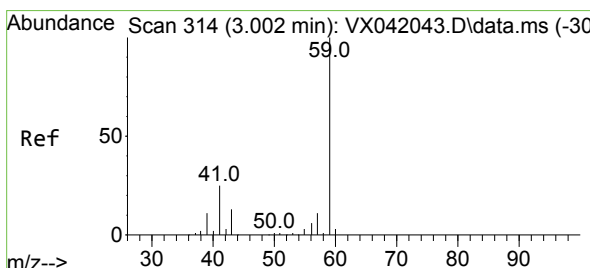
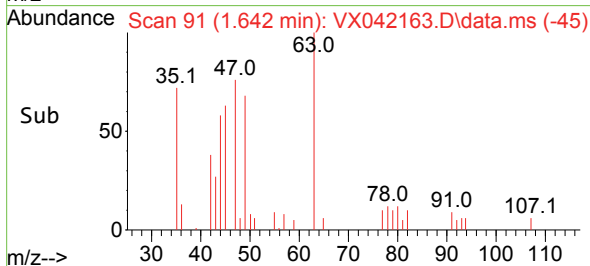
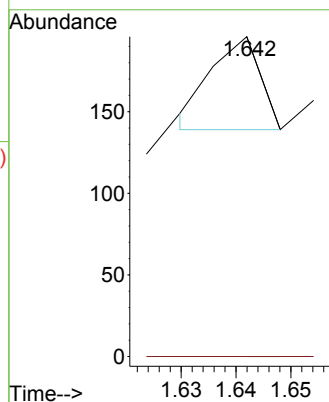
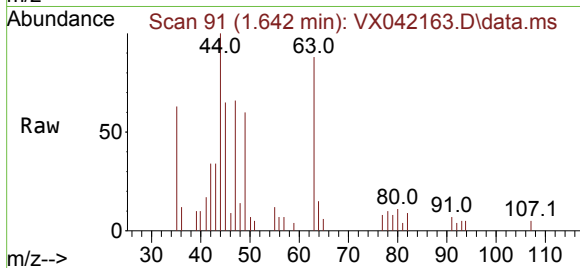
ClientSampleId :

Tgt Ion: 64 Resp: 35

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 3.571 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX042163.D

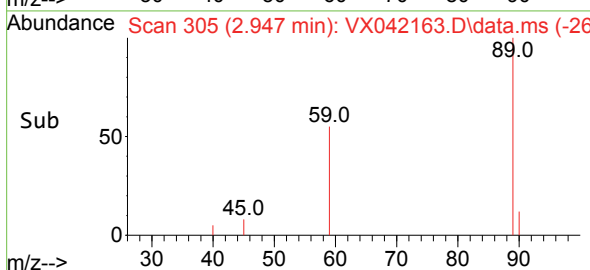
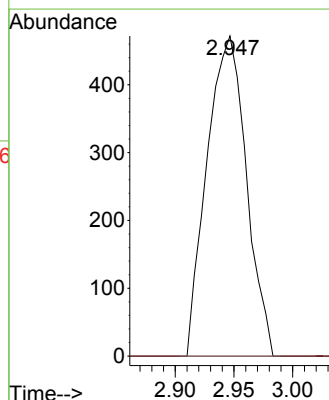
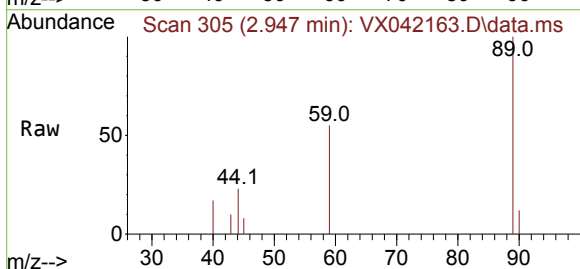
Acq: 03 Jul 2024 14:48

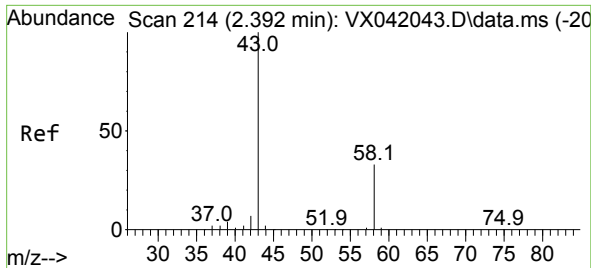
Tgt Ion: 59 Resp: 1102

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

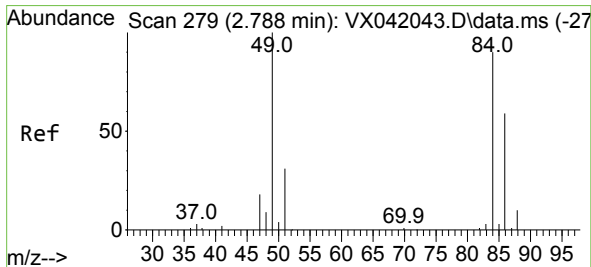
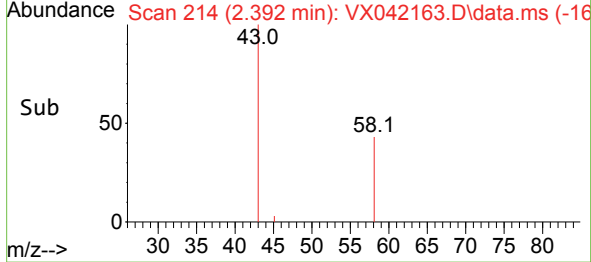
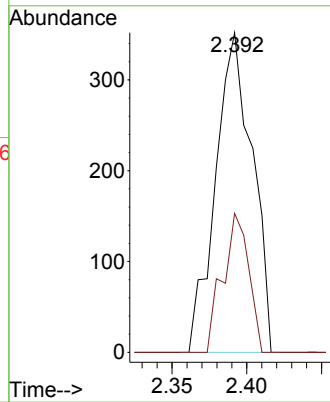
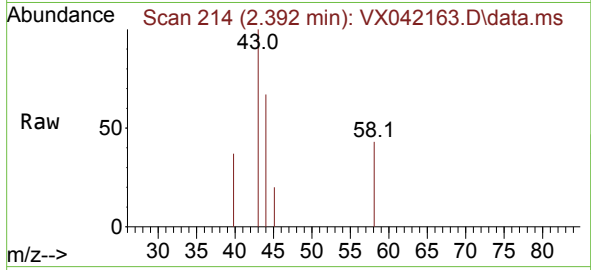




#16
Acetone
Concen: 0.842 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

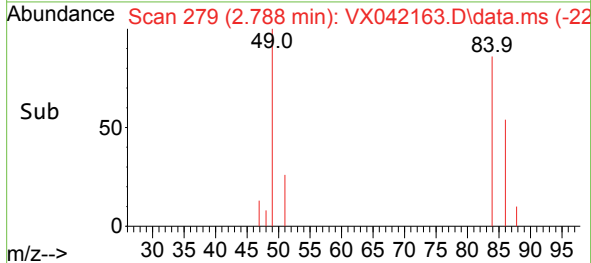
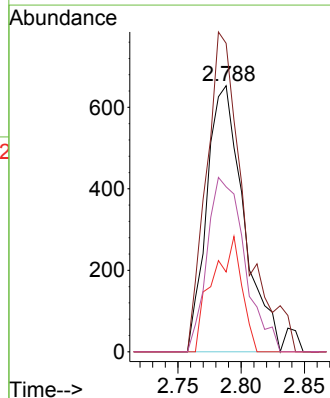
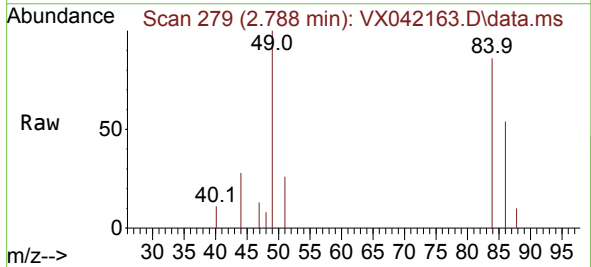
Instrument :
MSVOA_X
ClientSampleId :

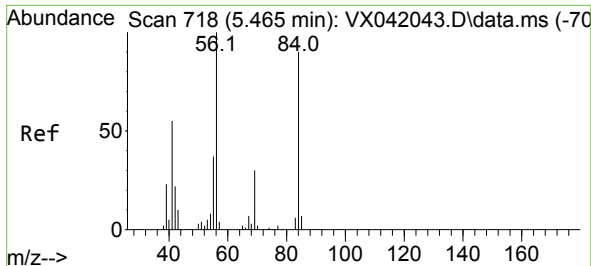
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
58 43.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.849 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

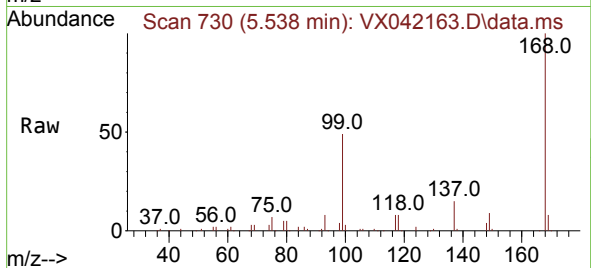
Tgt Ion: 84 Resp: 1327
Ion Ratio Lower Upper
84 100
49 115.9 103.6 155.4
51 30.0 33.8 50.6#
86 62.0 49.4 74.0



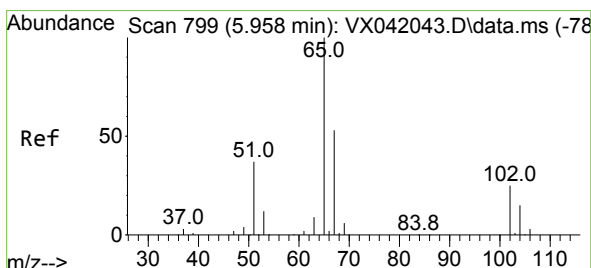
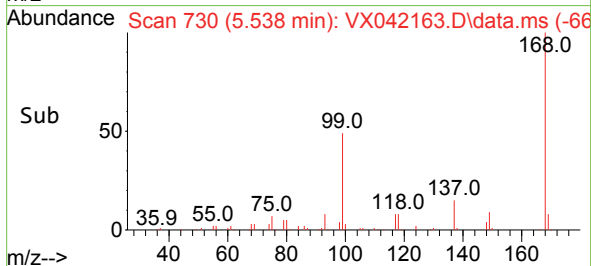
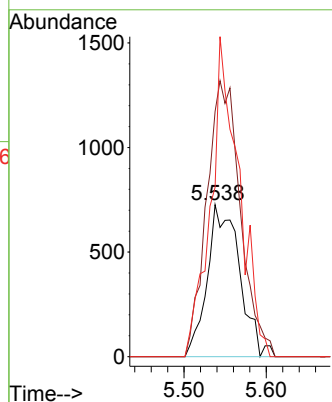


#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

Instrument :
MSVOA_X
ClientSampleId :

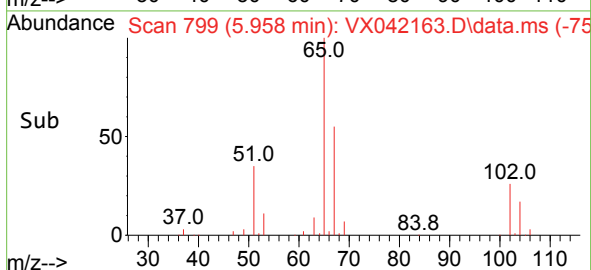
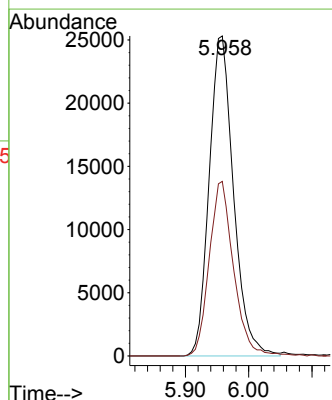
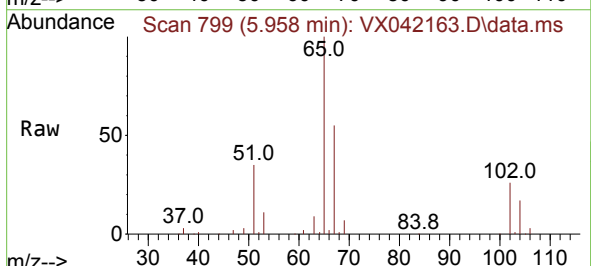


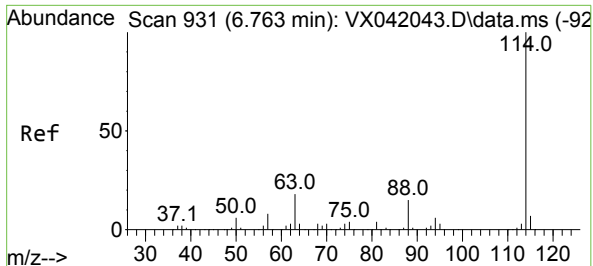
Tgt Ion: 56 Resp: 1982
Ion Ratio Lower Upper
56 100
69 161.2 23.4 35.2#
84 111.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.609 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

Tgt Ion: 65 Resp: 67664
Ion Ratio Lower Upper
65 100
67 54.6 0.0 100.2

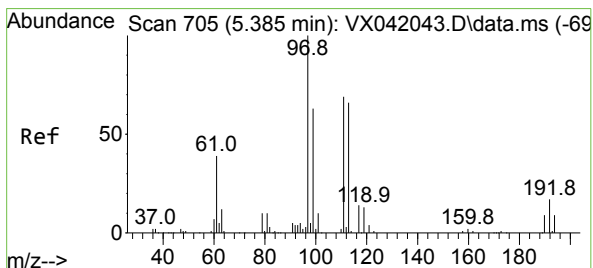
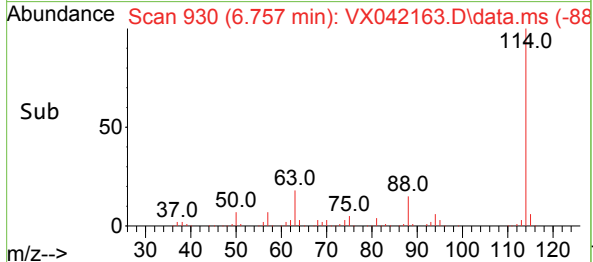
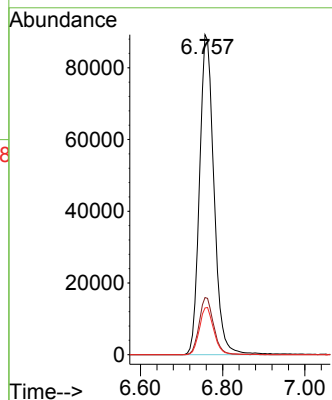
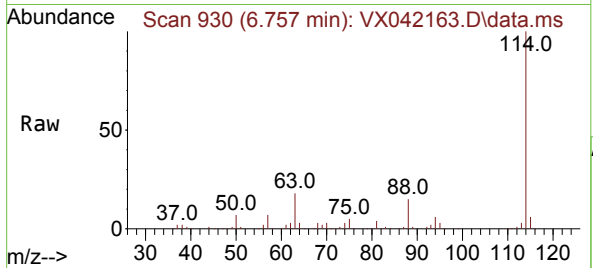




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

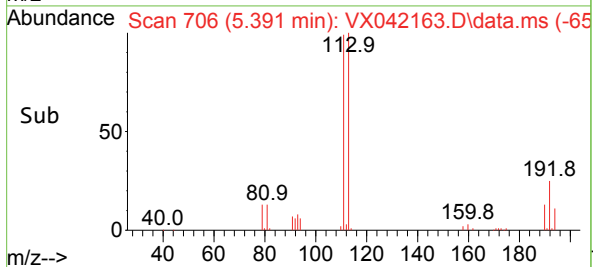
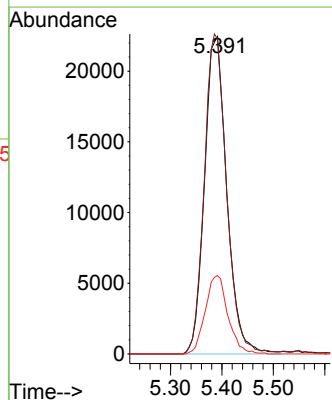
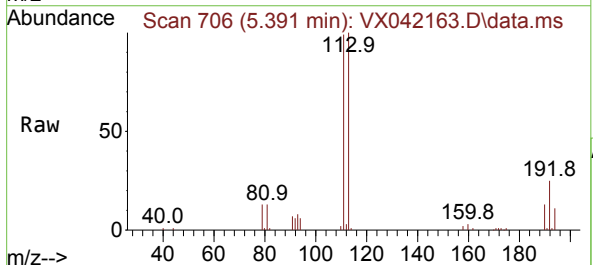
Instrument :
MSVOA_X
ClientSampleId :

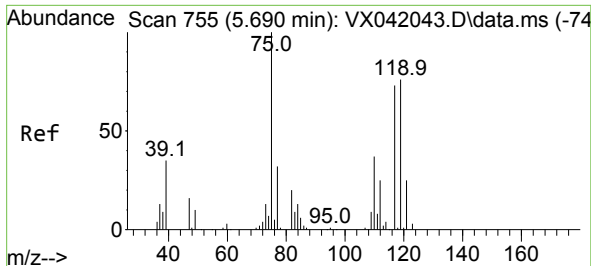
Tgt Ion:114 Resp: 217521
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.789 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

Tgt Ion:113 Resp: 67585
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.1 13.3 19.9#

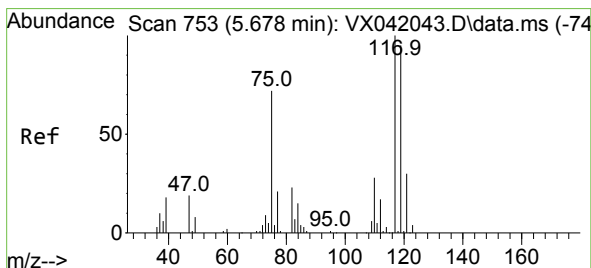
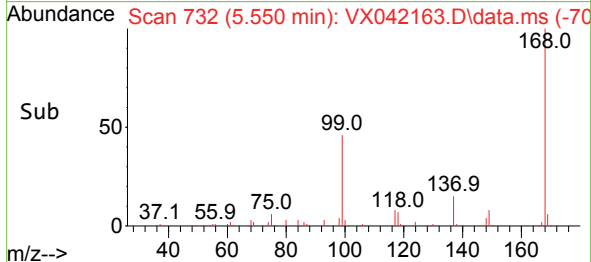
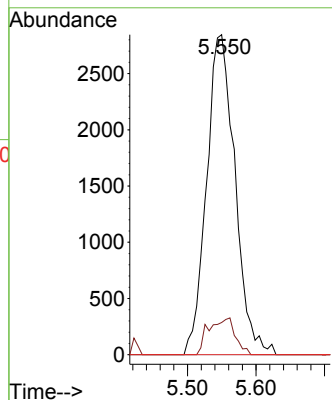
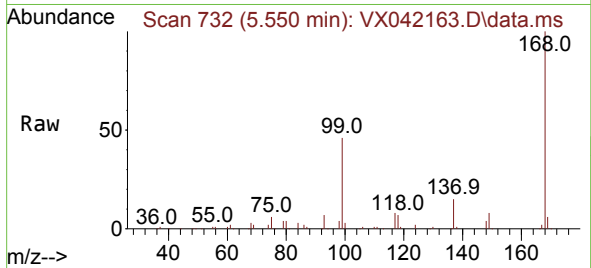




#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

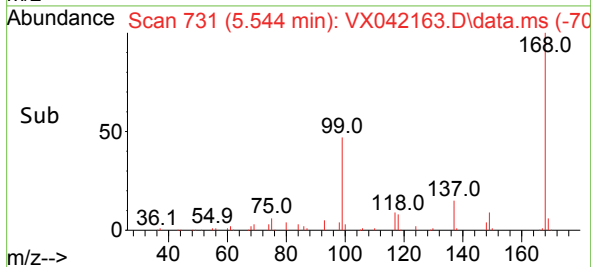
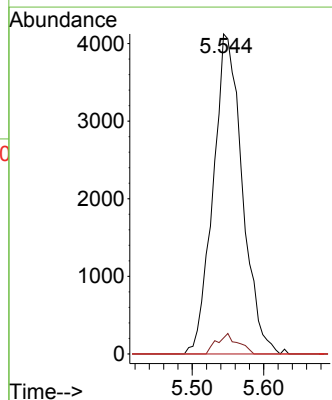
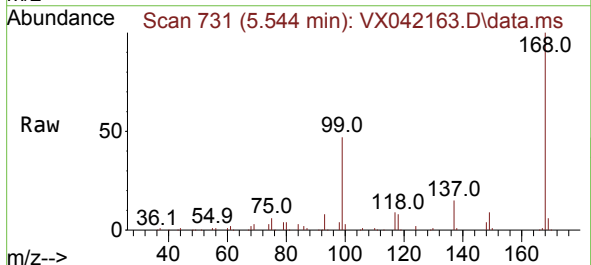
Instrument :
MSVOA_X
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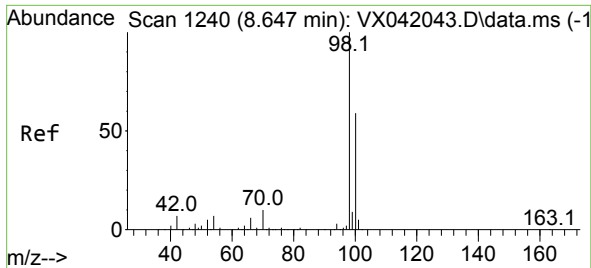
Tgt Ion: 75 Resp: 8207
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.456 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

Tgt Ion: 117 Resp: 11691
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

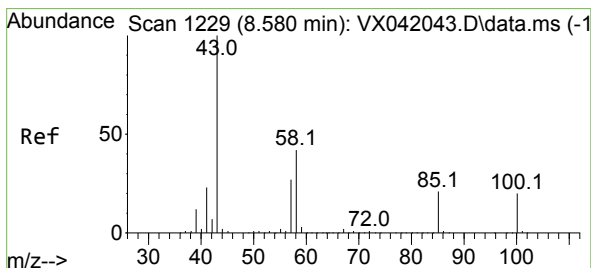
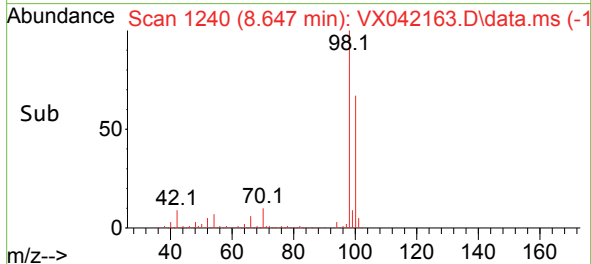
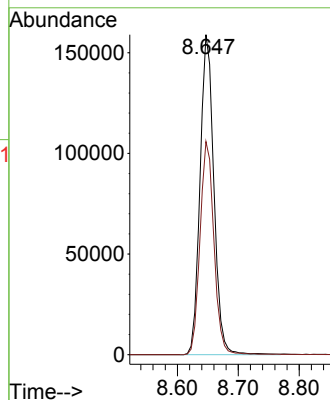
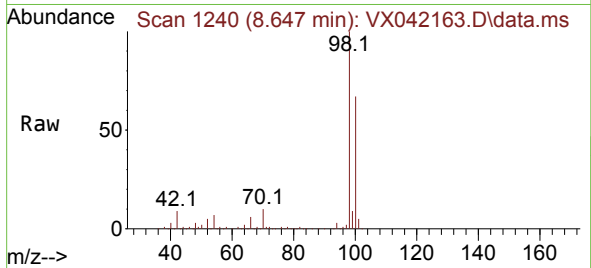




#50
Toluene-d8
Concen: 46.262 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

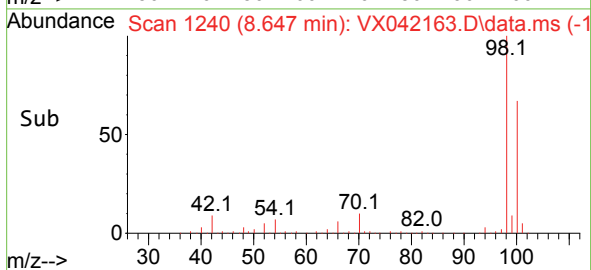
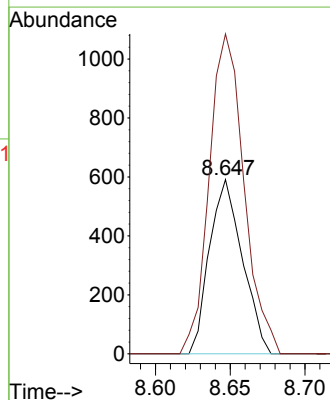
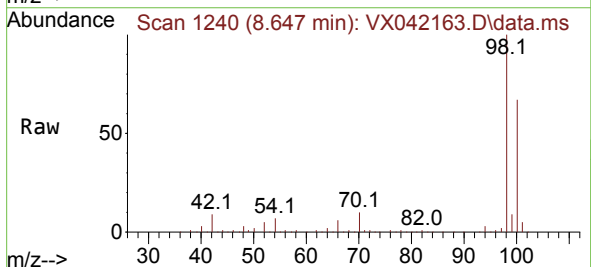
Instrument :
MSVOA_X
ClientSampleId :

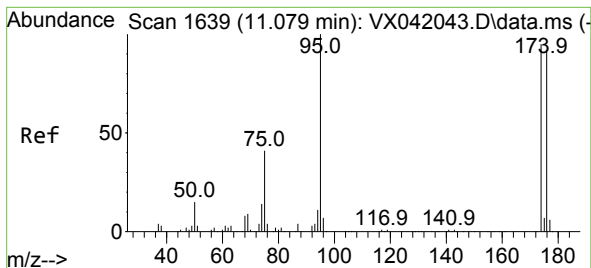
Tgt Ion: 98 Resp: 250838
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.401 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 193.9 30.4 45.6#

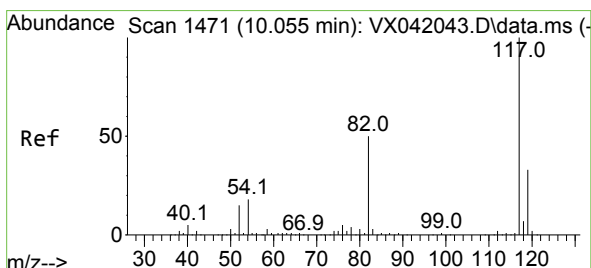
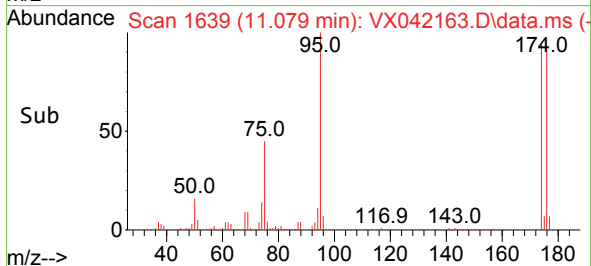
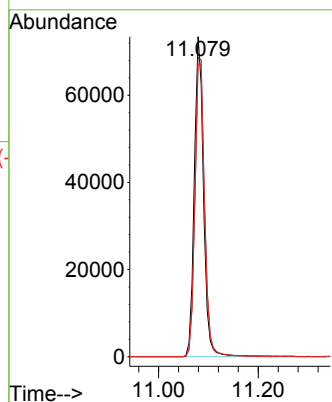
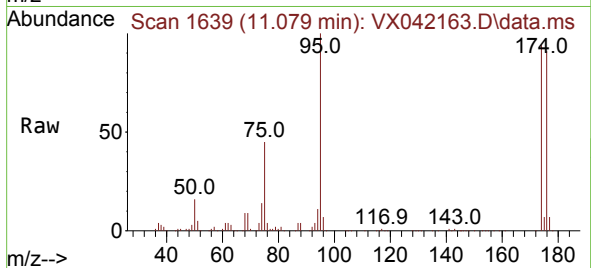




#62
4-Bromofluorobenzene
Concen: 47.202 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

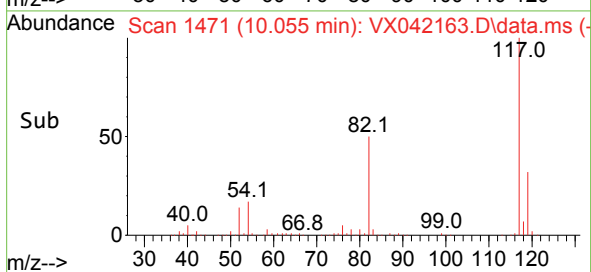
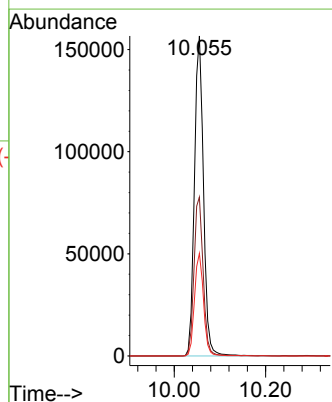
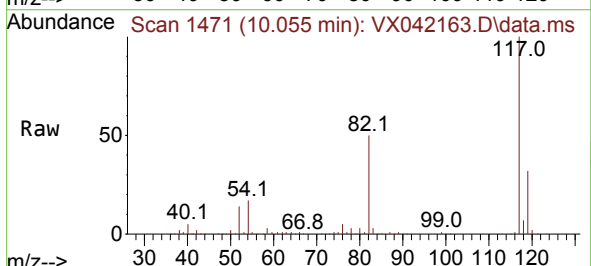
Instrument :
MSVOA_X
ClientSampleId :

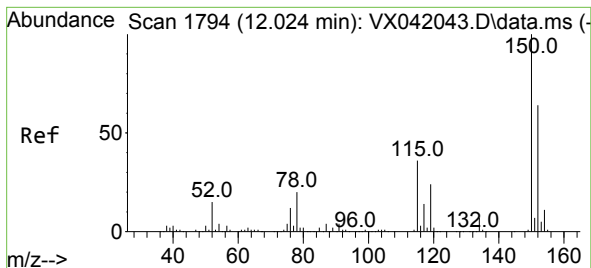
Tgt Ion: 95 Resp: 94345
Ion Ratio Lower Upper
95 100
174 98.1 0.0 135.6
176 95.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

Tgt Ion: 117 Resp: 214766
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042163.D

Acq: 03 Jul 2024 14:48

Instrument :

MSVOA_X

ClientSampleId :

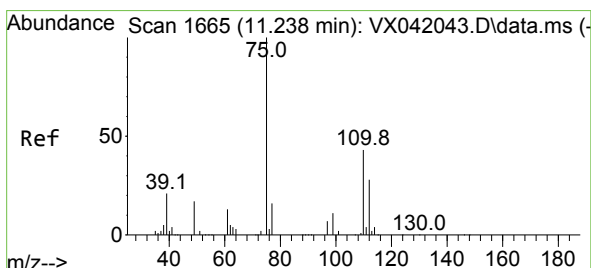
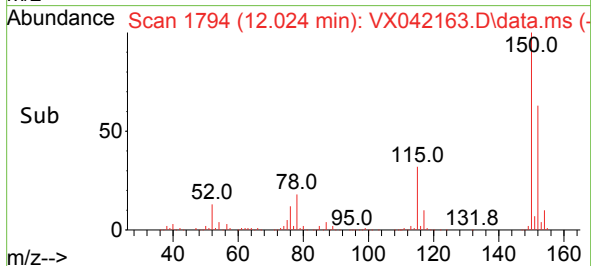
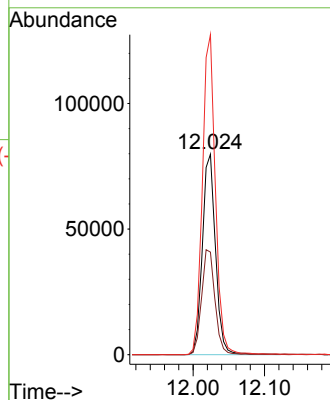
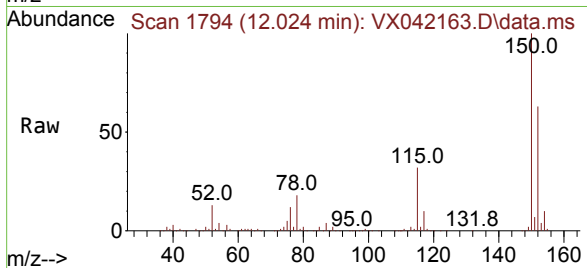
Tgt Ion:152 Resp: 102149

Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.841 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042163.D

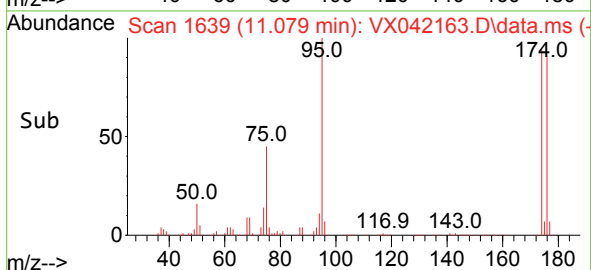
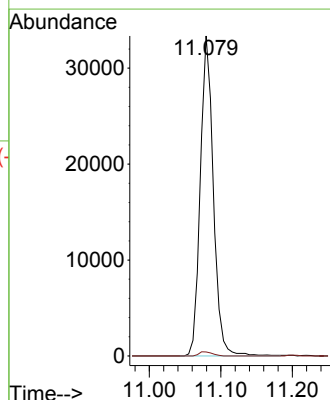
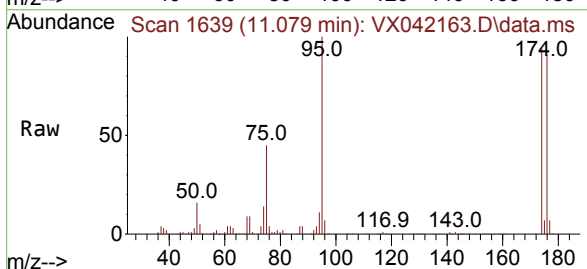
Acq: 03 Jul 2024 14:48

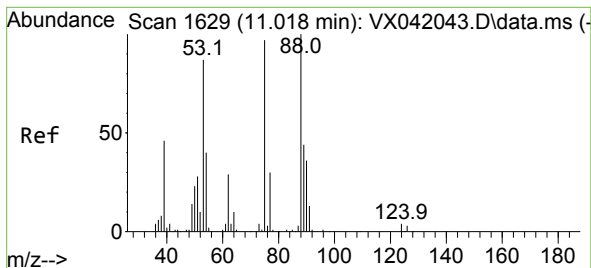
Tgt Ion: 75 Resp: 42356

Ion Ratio Lower Upper

75 100

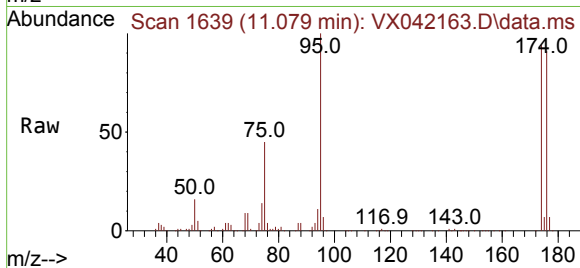
77 1.3 19.1 57.5#



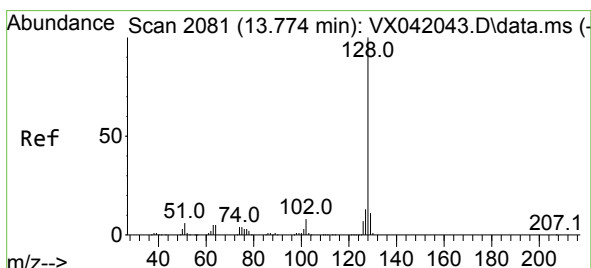
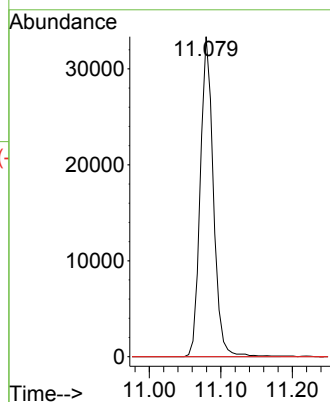
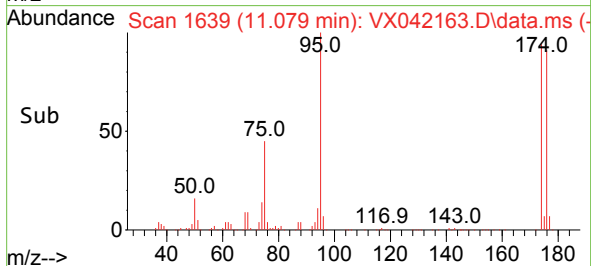


#81
trans-1,4-Dichloro-2-butene
Concen: 64.865 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48

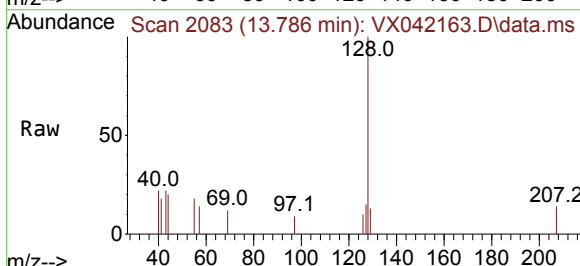
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 42356
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.921 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042163.D
Acq: 03 Jul 2024 14:48



Tgt Ion: 128 Resp: 1290
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 12.2 8.8 13.2

