

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
 Data File : VX042170.D
 Acq On : 03 Jul 2024 17:32
 Operator : JC/MD
 Sample : P3163-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 07:29:37 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)

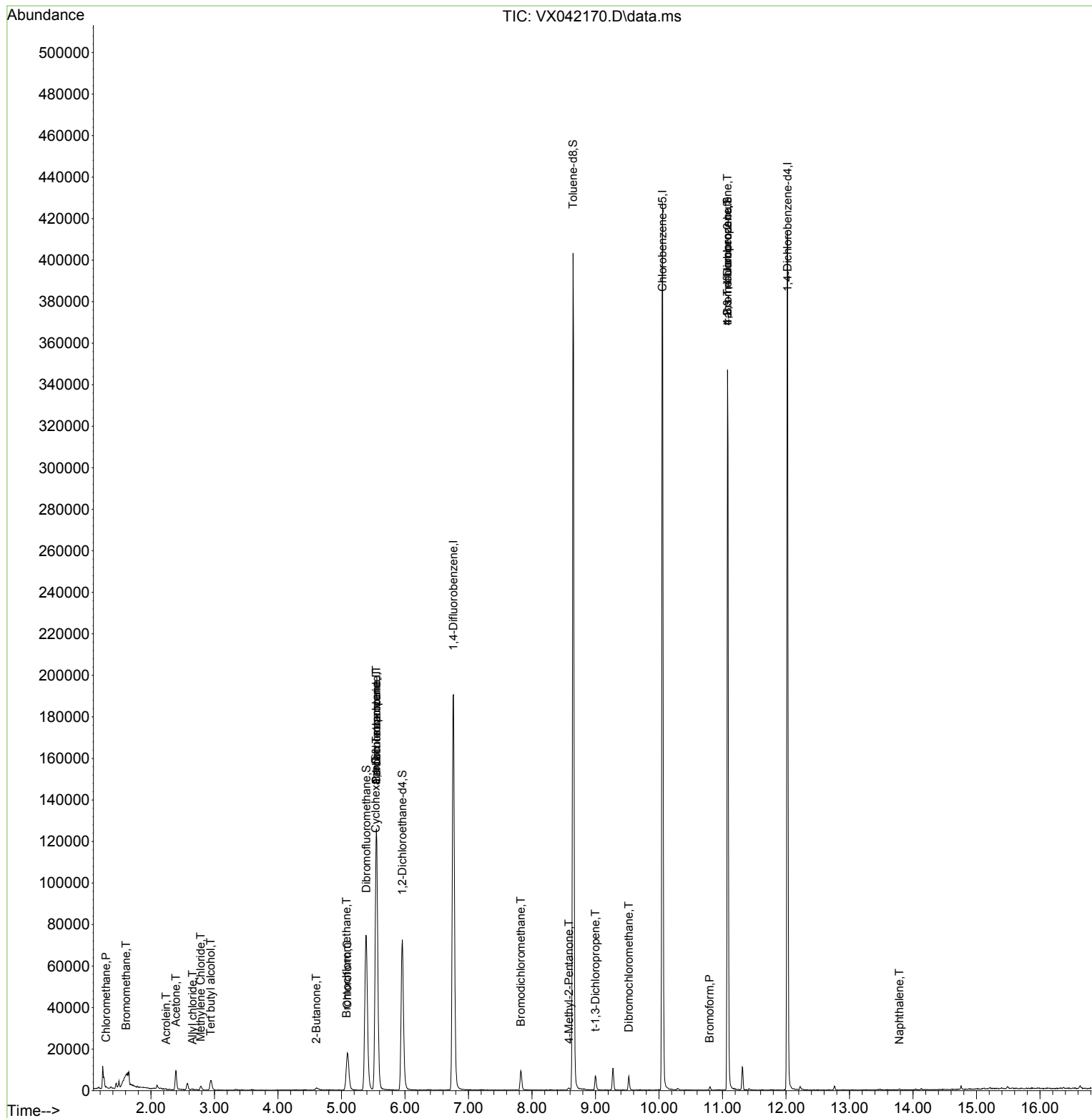
Internal Standards						
1) Pentafluorobenzene	5.550	168	140807	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	218382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68633	42.270	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.540%		
35) Dibromofluoromethane	5.391	113	67847	43.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.580%		
50) Toluene-d8	8.647	98	252183	46.326	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.660%		
62) 4-Bromofluorobenzene	11.079	95	92849	46.271	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.540%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	547	0.406	ug/l	# 85
5) Bromomethane	1.605	94	323	0.485	ug/l	92
6) Chloroethane	1.648	64	24	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	3010	9.768	ug/l	# 78
13) Acrolein	2.240	56	106	0.307	ug/l	87
14) Allyl chloride	2.654	41	495	0.257	ug/l	# 31
16) Acetone	2.392	43	9908	13.897	ug/l	# 83
20) Methylene Chloride	2.782	84	1165	0.746	ug/l	# 79
25) 2-Butanone	4.605	43	1230	1.109	ug/l	# 51
28) Bromochloromethane	5.080	49	1506	1.542	ug/l	# 16
30) Chloroform	5.093	83	22896	9.639	ug/l	97
31) Cyclohexane	5.538	56	1932	1.017	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7915	4.810	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	11645	6.405	ug/l	# 14
47) Bromodichloromethane	7.824	83	6409	3.511	ug/l	# 86
51) 4-Methyl-2-Pentanone	8.580	43	1805	0.796	ug/l	# 37
53) t-1,3-Dichloropropene	9.001	75	355	1.077	ug/l	93
60) Dibromochloromethane	9.525	129	3344	2.091	ug/l	99
71) Bromoform	10.799	173	844	1.454	ug/l	# 93
76) 1,2,3-Trichloropropane	11.079	75	41774	22.592	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	41774	64.161	ug/l	# 5
95) Naphthalene	13.786	128	513	0.817	ug/l	# 82

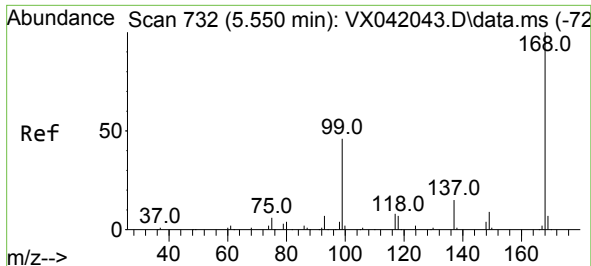
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

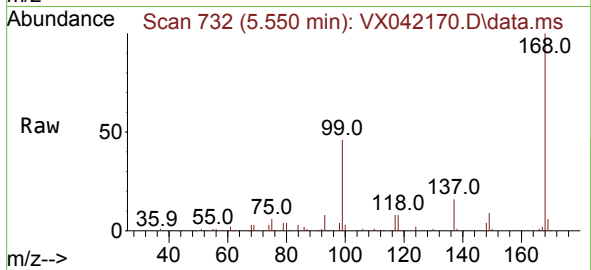
Quant Time: Jul 04 07:29:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



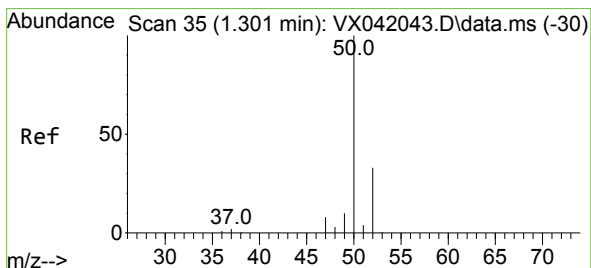
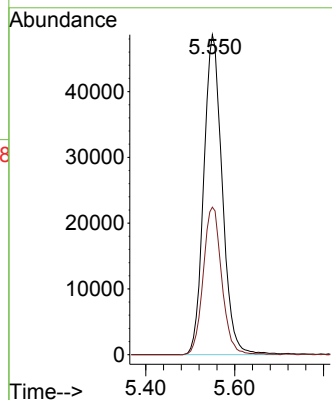
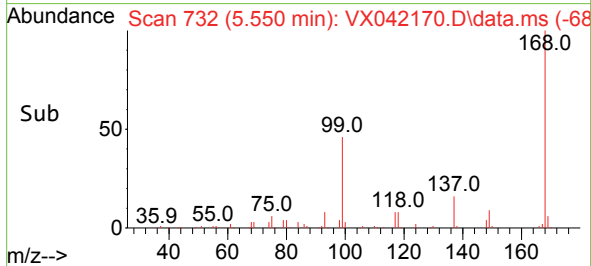


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Instrument :
MSVOA_X
ClientSampleId :

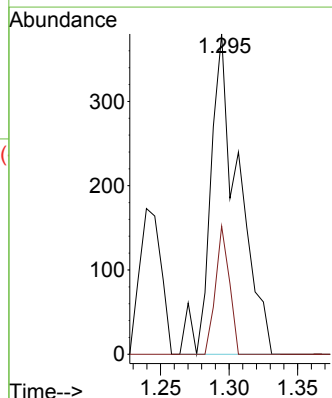
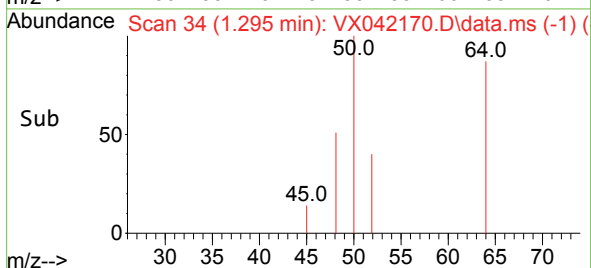
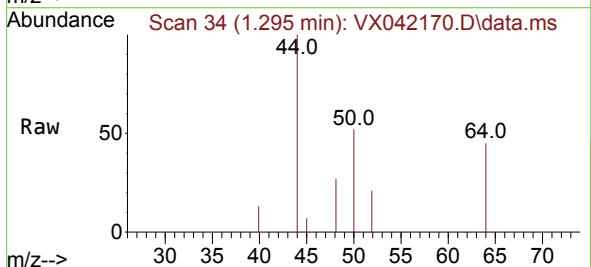


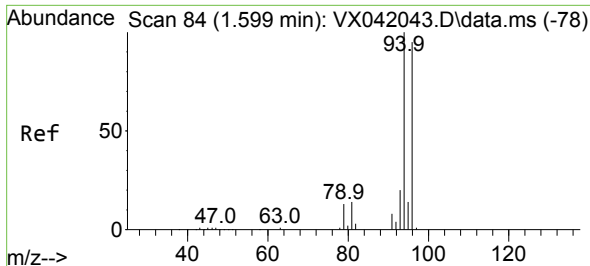
Tgt Ion:168 Resp: 140807
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0#



#3
Chloromethane
Concen: 0.406 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Tgt Ion: 50 Resp: 547
Ion Ratio Lower Upper
50 100
52 40.0 25.5 38.3#

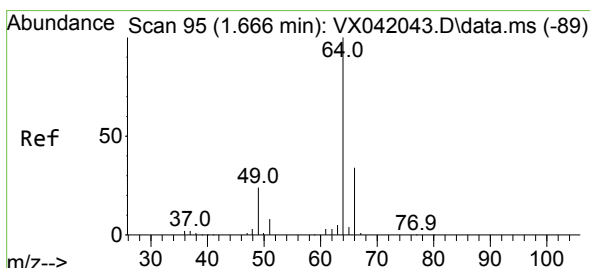
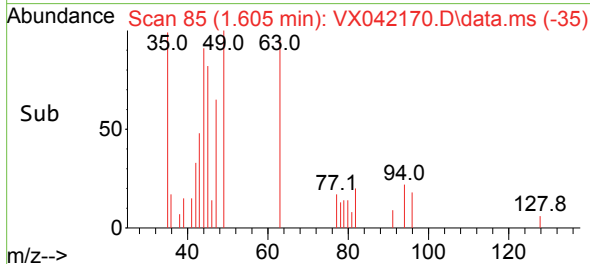
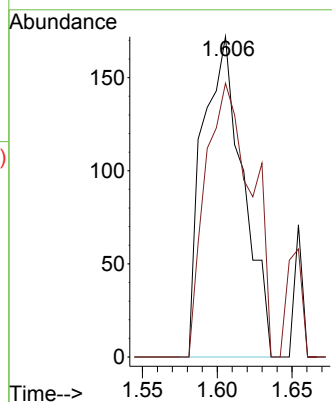
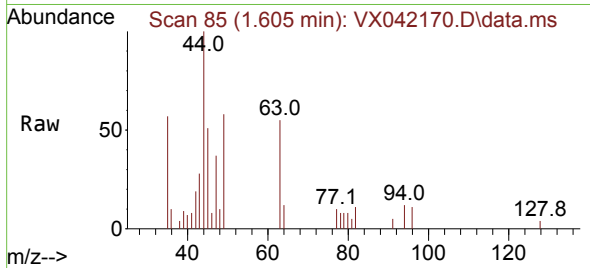




#5
Bromomethane
Concen: 0.485 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

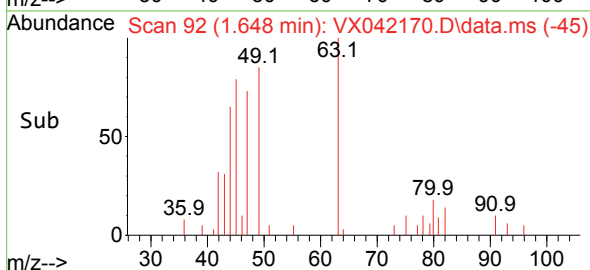
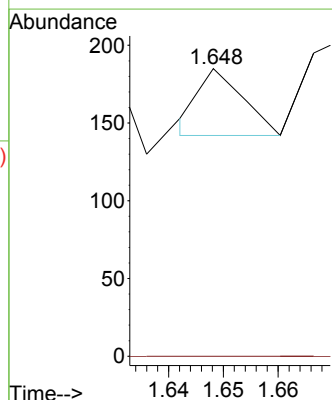
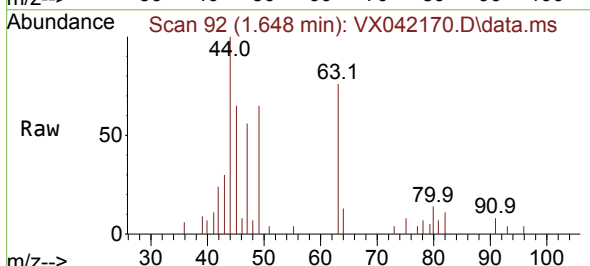
Instrument :
MSVOA_X
ClientSampleId :

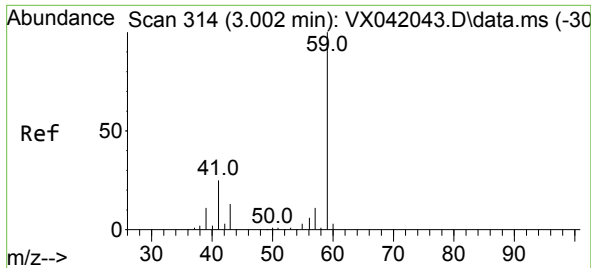
Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 85.5 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 92
Delta R.T. -0.012 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

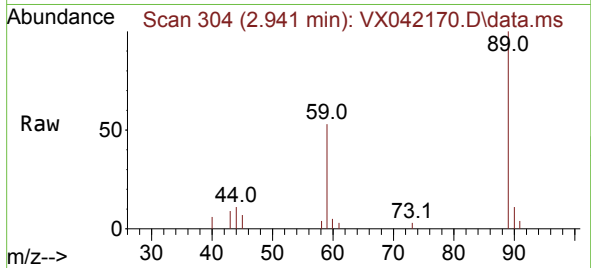
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



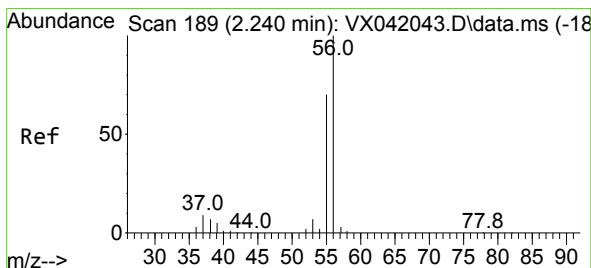
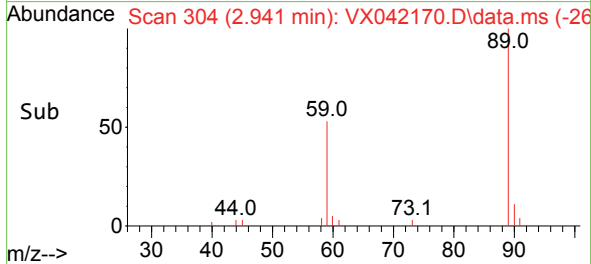
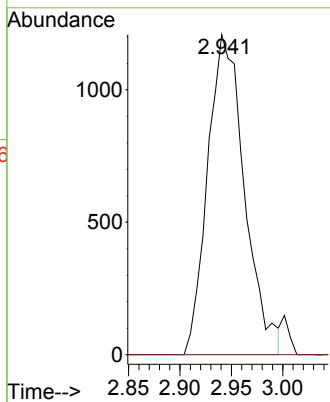


#11
Tert butyl alcohol
Concen: 9.768 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Instrument :
MSVOA_X
ClientSampleId :

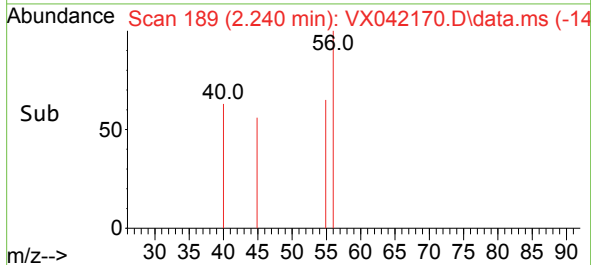
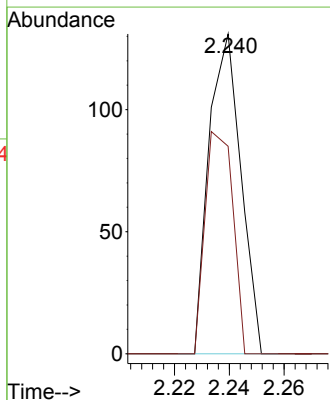
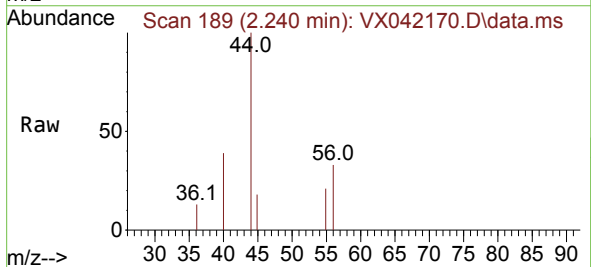


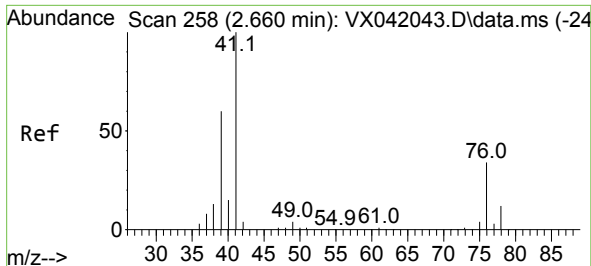
Tgt Ion: 59 Resp: 3010
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.307 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

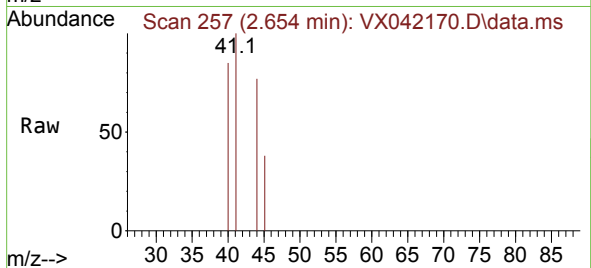
Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 60.4 57.1 85.7



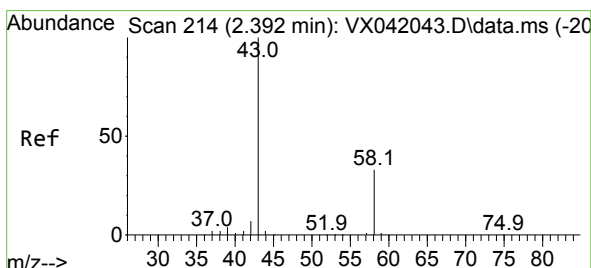
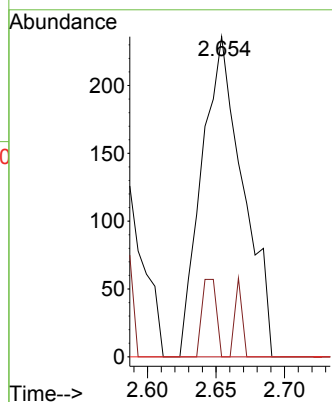


#14
 Allyl chloride
 Concen: 0.257 ug/l
 RT: 2.654 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VX042170.D
 Acq: 03 Jul 2024 17:32

Instrument :
 MSVOA_X
 ClientSampleId :

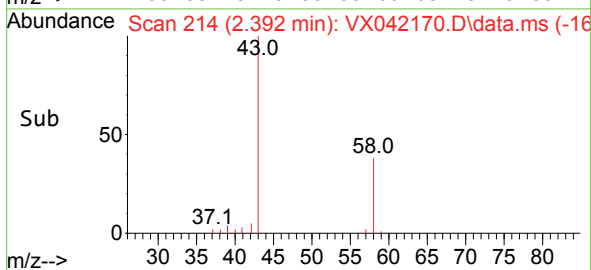
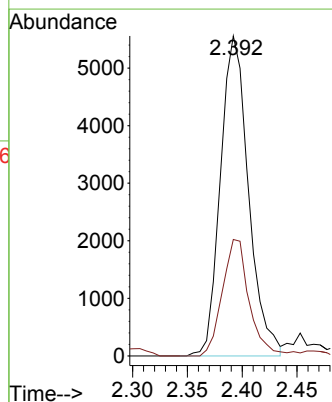
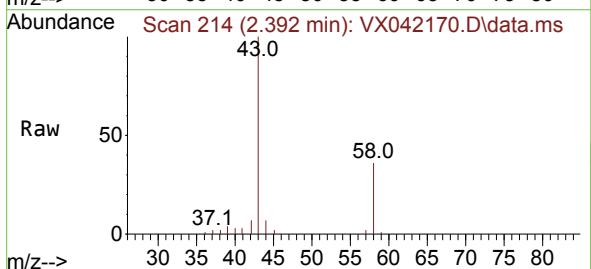


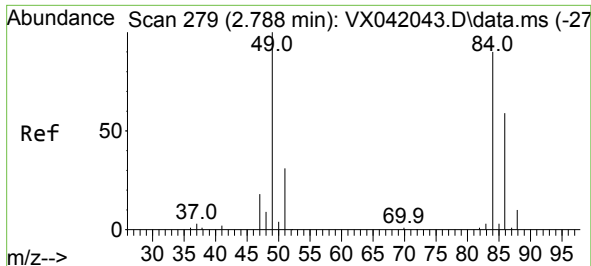
Tgt Ion: 41 Resp: 495
 Ion Ratio Lower Upper
 41 100
 39 8.5 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 13.897 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VX042170.D
 Acq: 03 Jul 2024 17:32

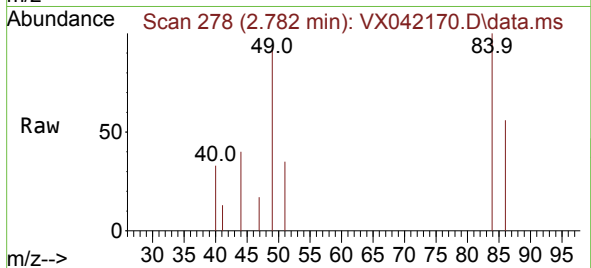
Tgt Ion: 43 Resp: 9908
 Ion Ratio Lower Upper
 43 100
 58 36.4 21.9 32.9#



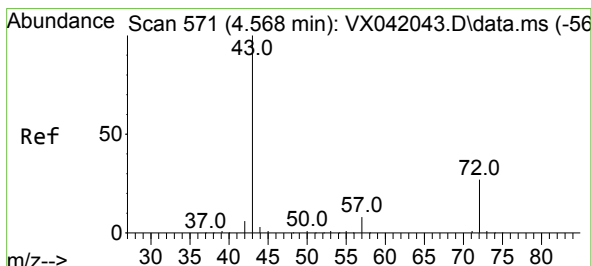
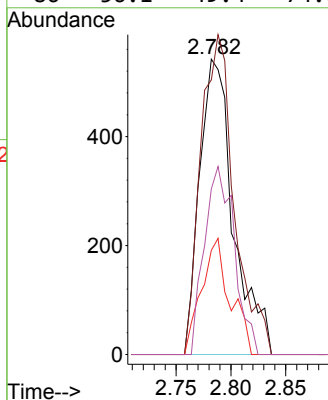
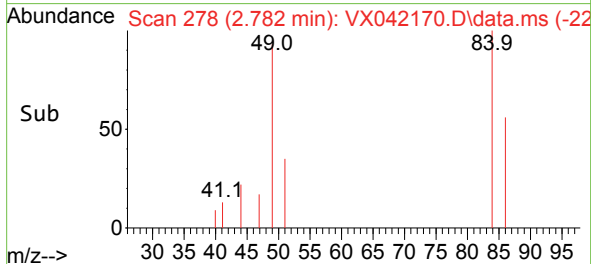


#20
Methylene Chloride
Concen: 0.746 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Instrument :
MSVOA_X
ClientSampleId :

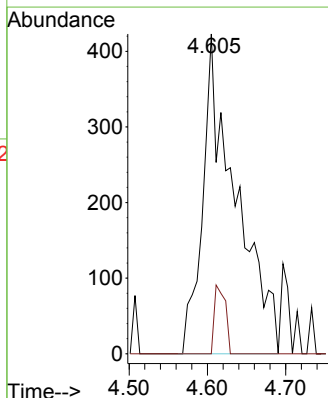
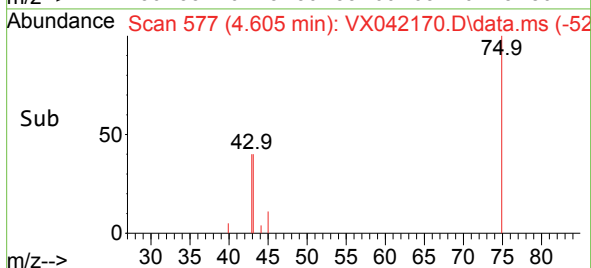
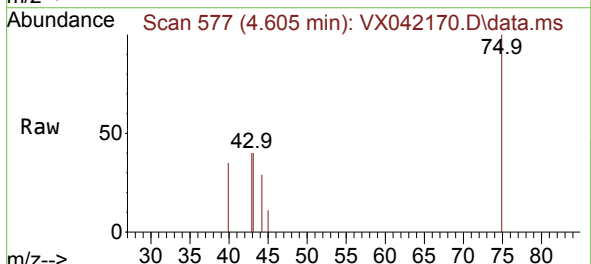


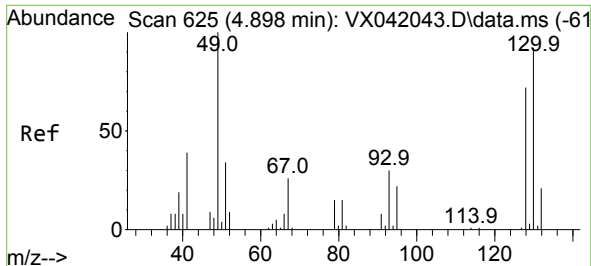
Tgt Ion: 84 Resp: 1165
Ion Ratio Lower Upper
84 100
49 93.0 103.6 155.4#
51 35.2 33.8 50.6
86 56.1 49.4 74.0



#25
2-Butanone
Concen: 1.109 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.031 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

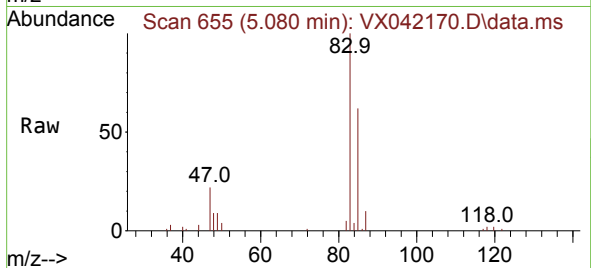
Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



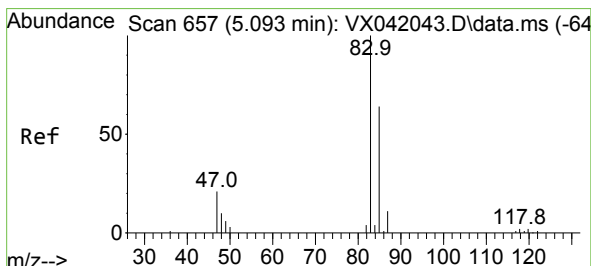
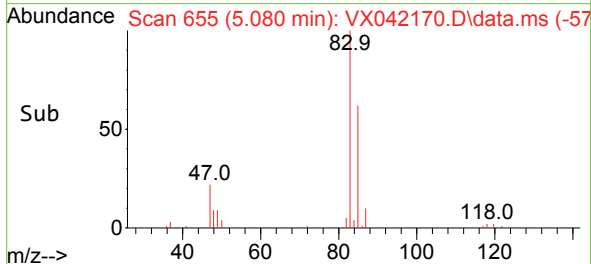
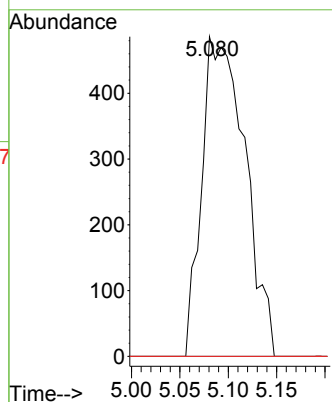


#28
Bromochloromethane
Concen: 1.542 ug/l
RT: 5.080 min Scan# 61
Delta R.T. 0.177 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Instrument :
MSVOA_X
ClientSampleId :

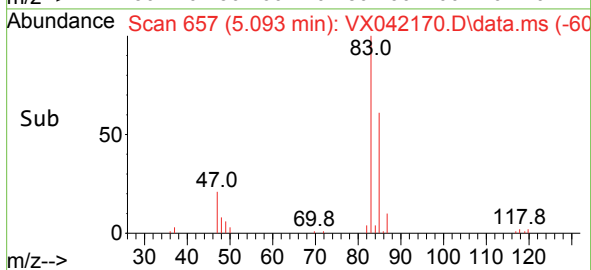
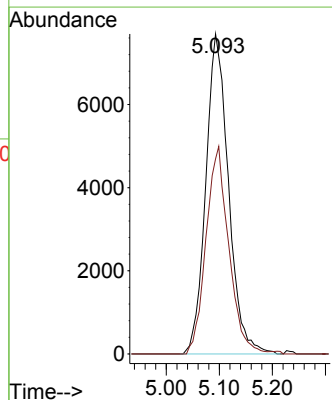
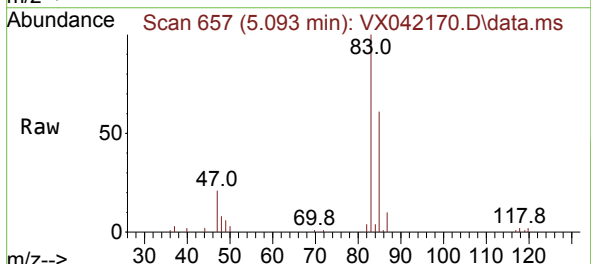


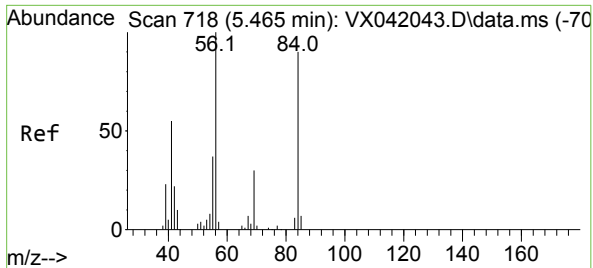
Tgt Ion: 49 Resp: 1506
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 9.639 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

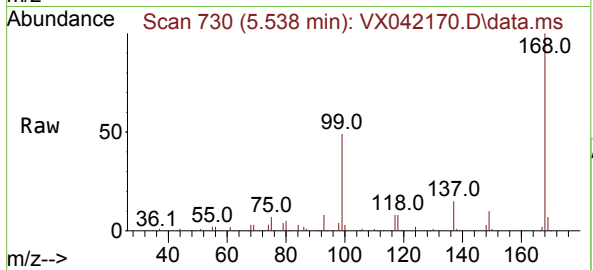
Tgt Ion: 83 Resp: 22896
Ion Ratio Lower Upper
83 100
85 60.9 50.3 75.5



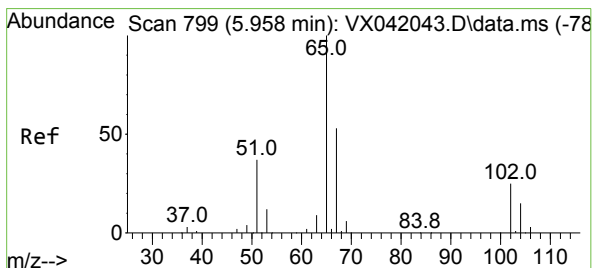
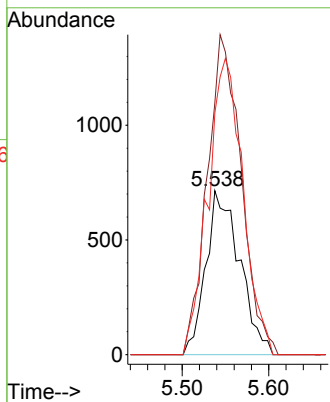
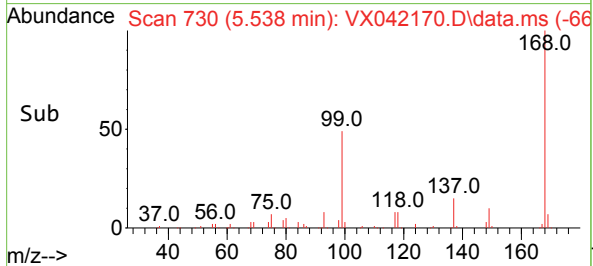


#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Instrument :
MSVOA_X
ClientSampleId :

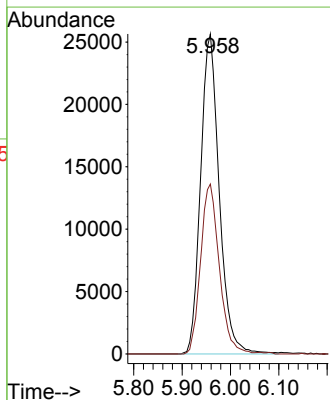
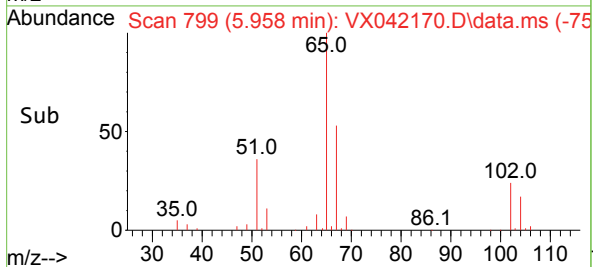
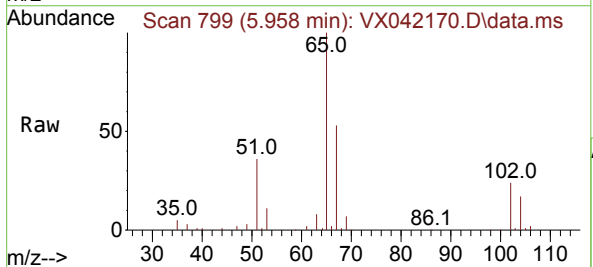


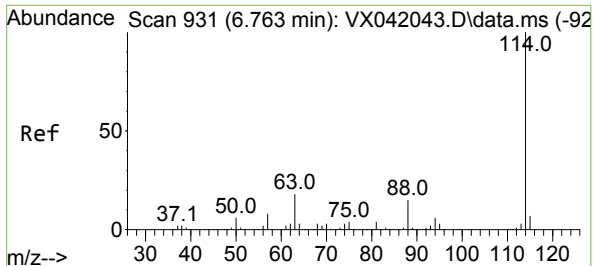
Tgt Ion: 56 Resp: 1932
Ion Ratio Lower Upper
56 100
69 153.4 23.4 35.2#
84 147.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.270 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Tgt Ion: 65 Resp: 68633
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2

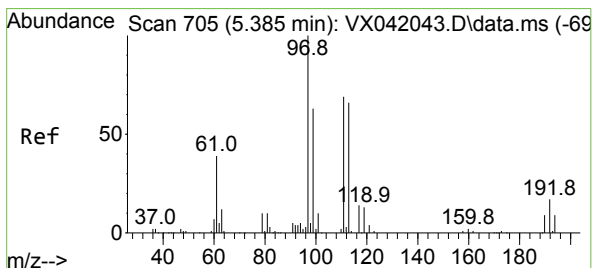
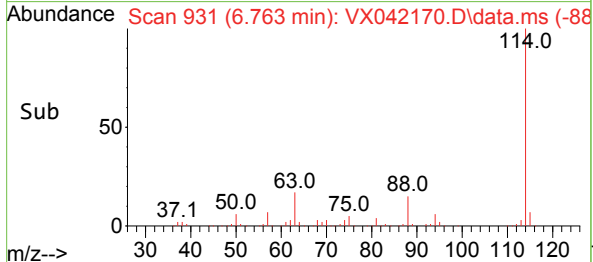
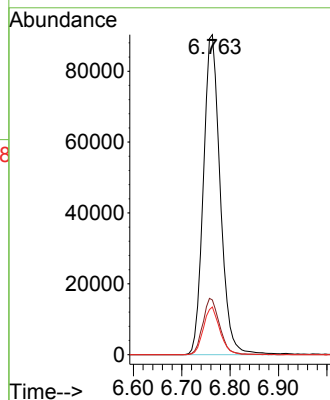
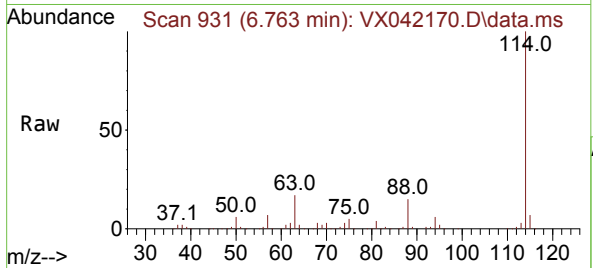




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

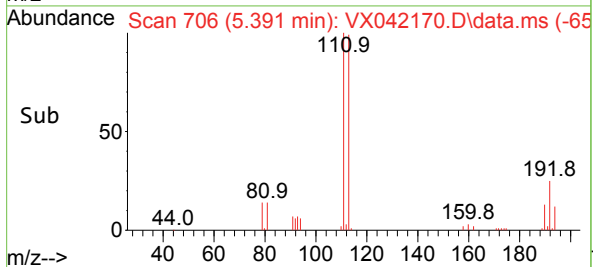
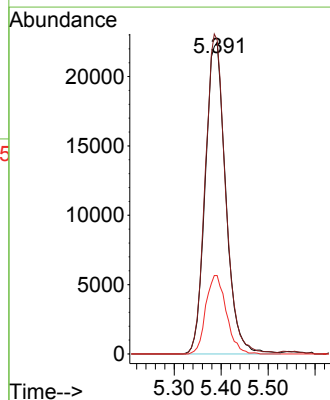
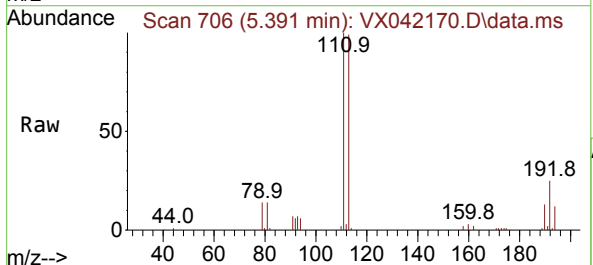
Instrument :
MSVOA_X
ClientSampleId :

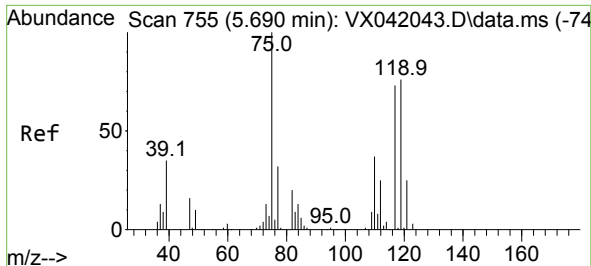
Tgt Ion:114 Resp: 218382
Ion Ratio Lower Upper
114 100
63 17.1 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.785 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Tgt Ion:113 Resp: 67847
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 25.2 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 4.810 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

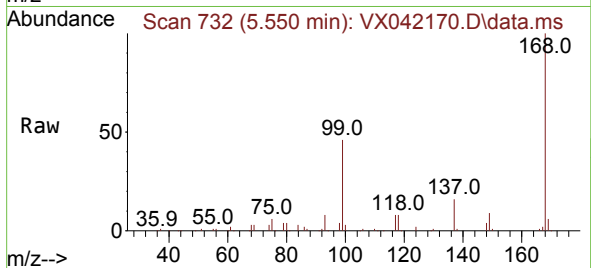
Lab File: VX042170.D

Acq: 03 Jul 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :



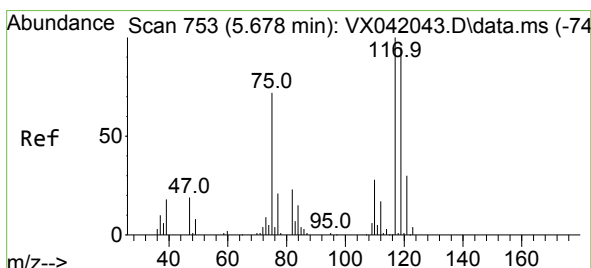
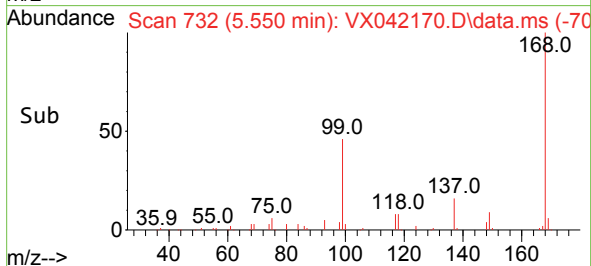
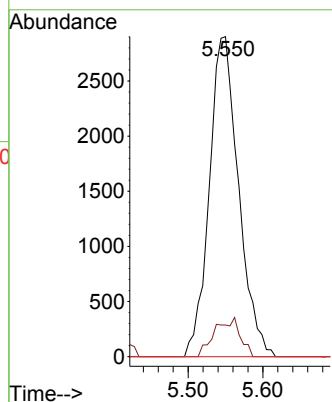
Tgt Ion: 75 Resp: 7915

Ion Ratio Lower Upper

75 100

110 10.6 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.405 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX042170.D

Acq: 03 Jul 2024 17:32

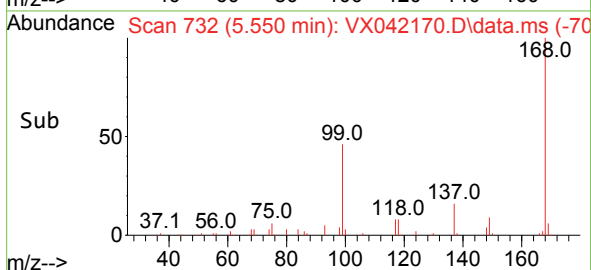
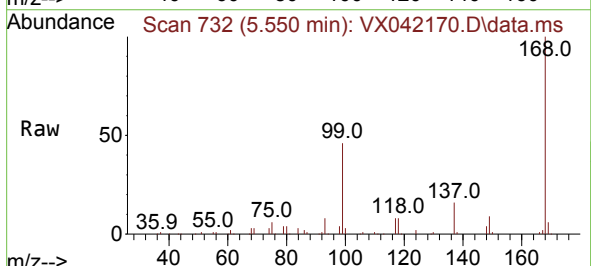
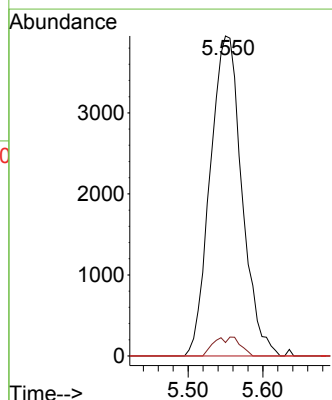
Tgt Ion: 117 Resp: 11645

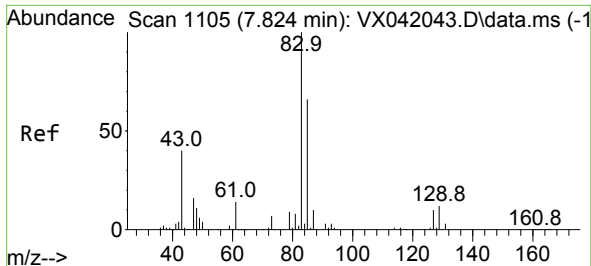
Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.2#

121 0.0 24.4 36.6#

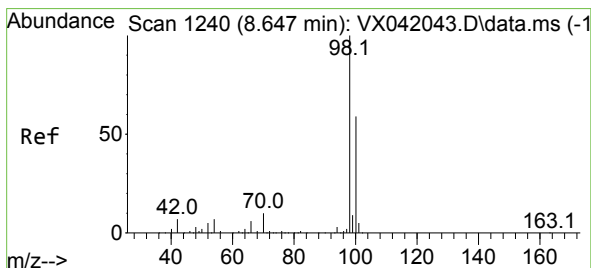
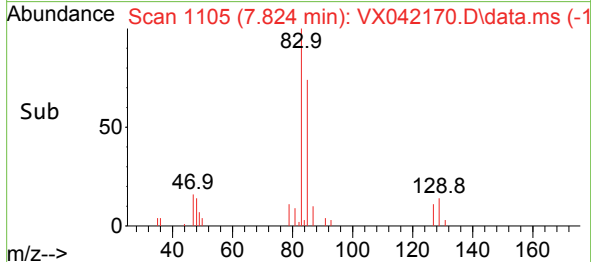
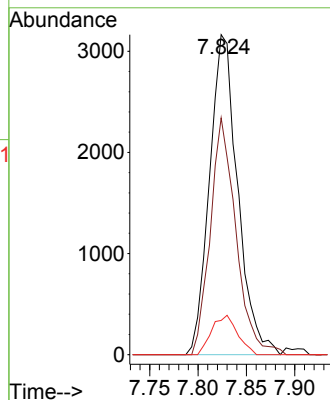
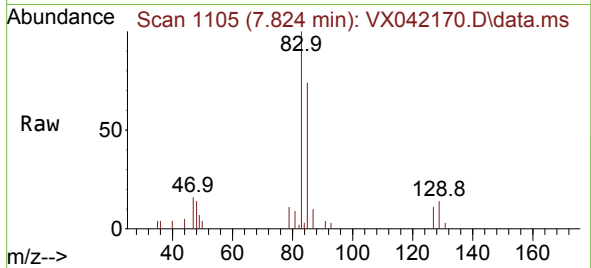




#47
Bromodichloromethane
Concen: 3.511 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

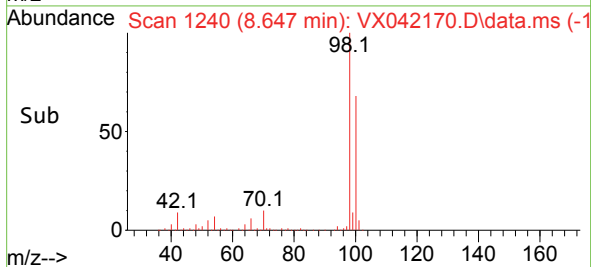
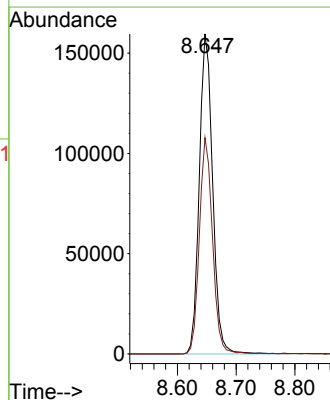
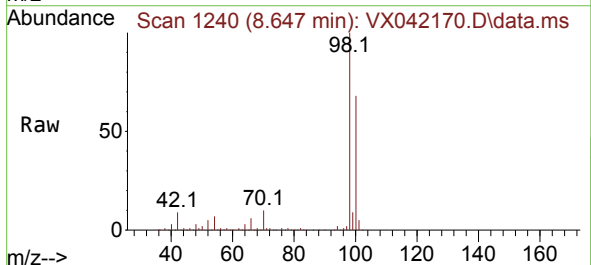
Instrument :
MSVOA_X
ClientSampleId :

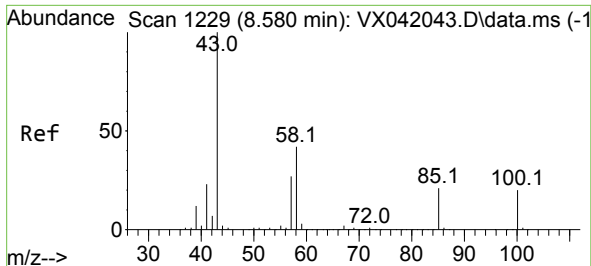
Tgt Ion: 83 Resp: 6409
Ion Ratio Lower Upper
83 100
85 74.0 49.8 74.6
127 10.7 7.1 10.7#



#50
Toluene-d8
Concen: 46.326 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Tgt Ion: 98 Resp: 252183
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

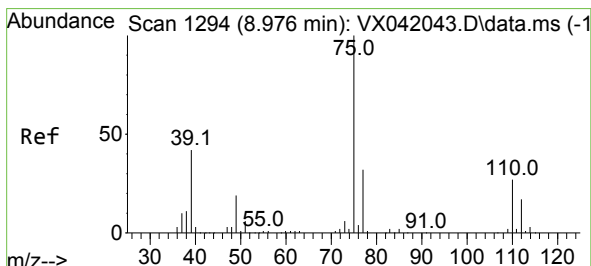
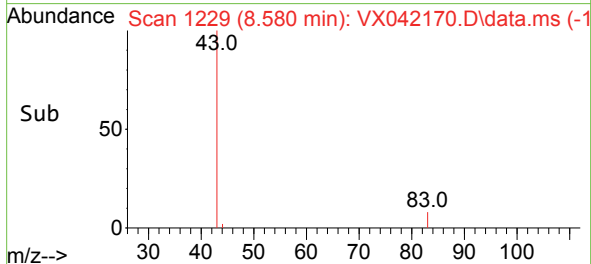
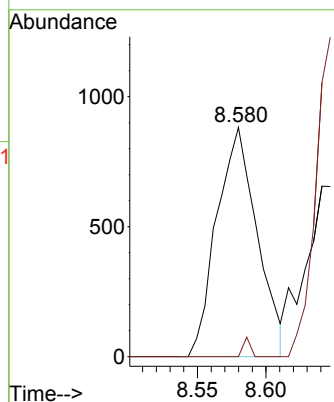
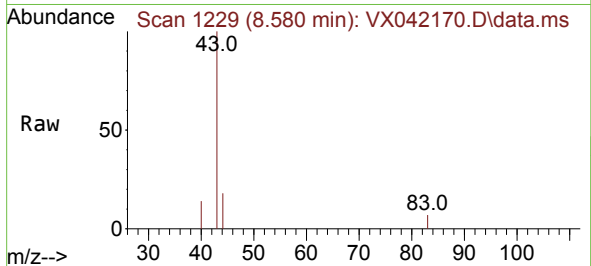




#51
4-Methyl-2-Pentanone
Concen: 0.796 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

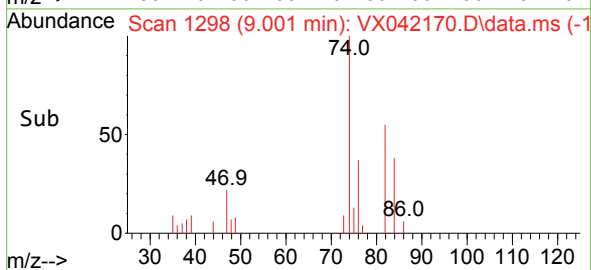
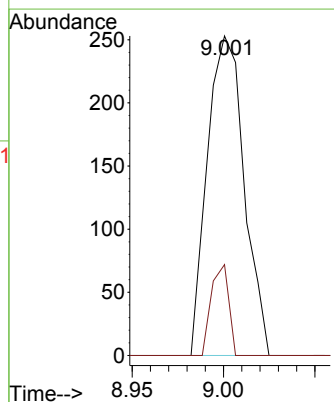
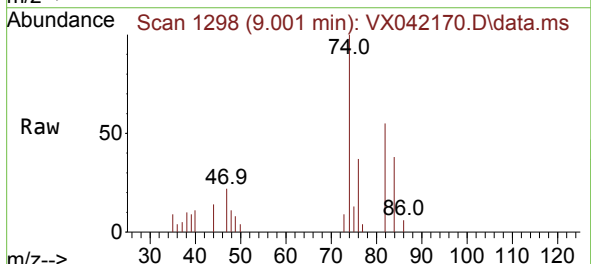
Instrument :
MSVOA_X
ClientSampleId :

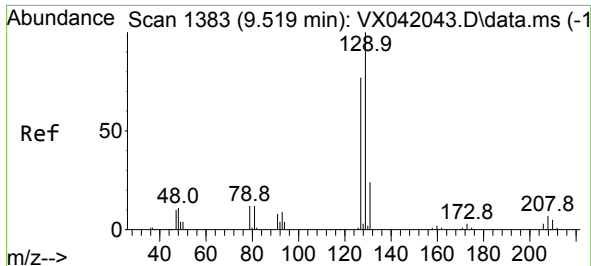
Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 1.077 ug/l
RT: 9.001 min Scan# 1298
Delta R.T. 0.019 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Tgt Ion: 75 Resp: 355
Ion Ratio Lower Upper
75 100
77 28.5 25.7 38.5

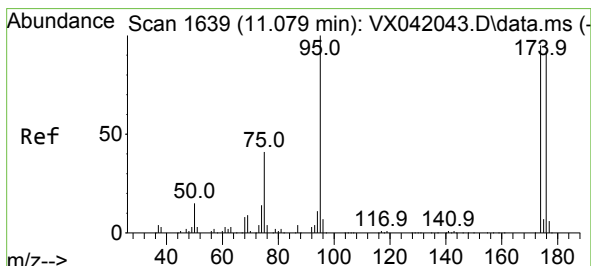
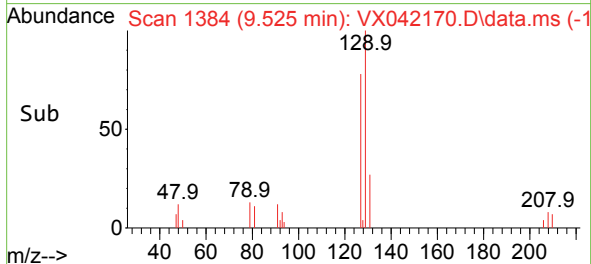
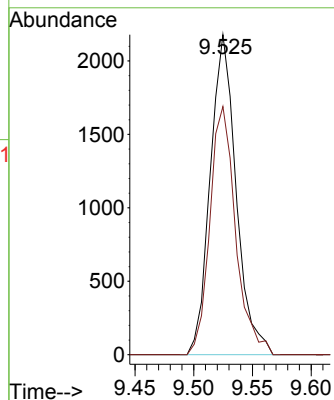
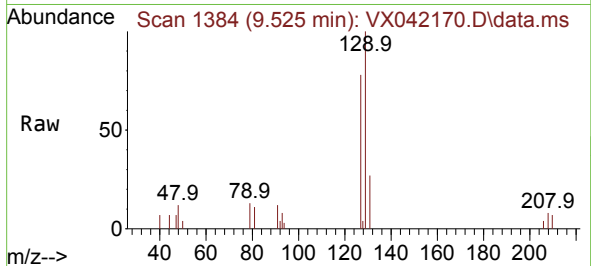




#60
Dibromochloromethane
Concen: 2.091 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

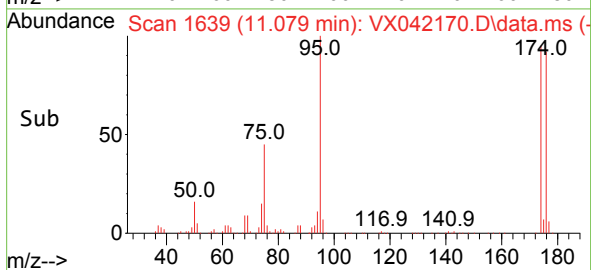
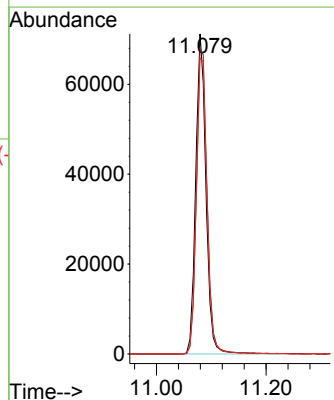
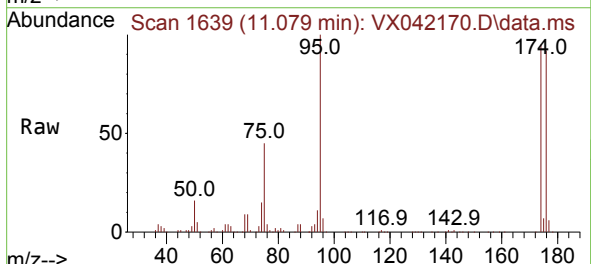
Instrument :
MSVOA_X
ClientSampleId :

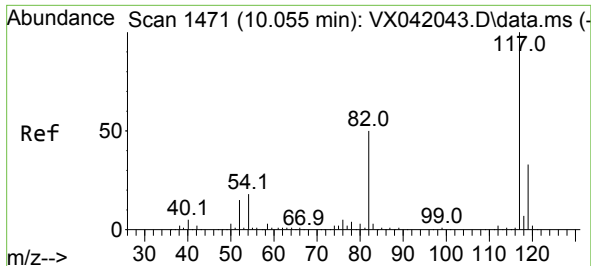
Tgt Ion:129 Resp: 3344
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4



#62
4-Bromofluorobenzene
Concen: 46.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

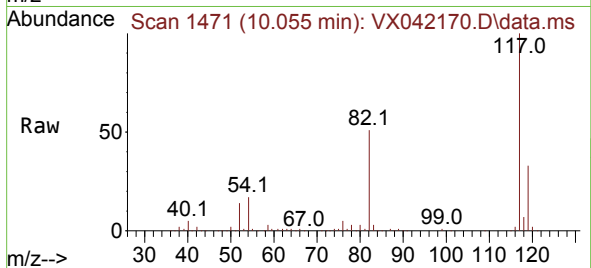
Tgt Ion: 95 Resp: 92849
Ion Ratio Lower Upper
95 100
174 99.8 0.0 135.6
176 96.6 0.0 131.0



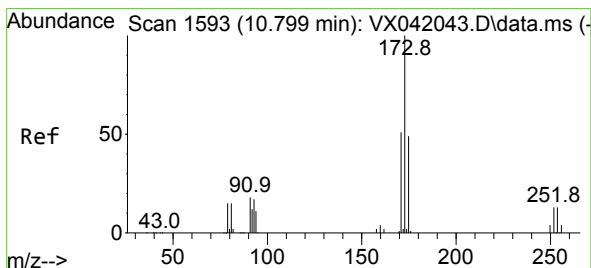
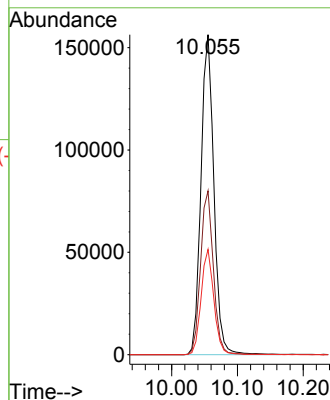
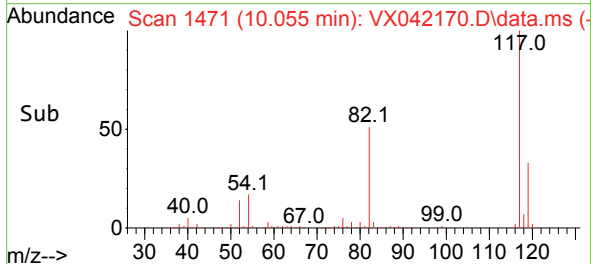


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

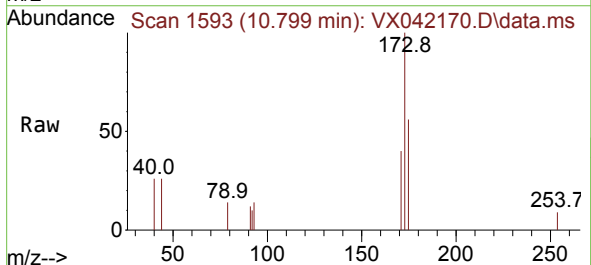
Instrument :
MSVOA_X
ClientSampleId :



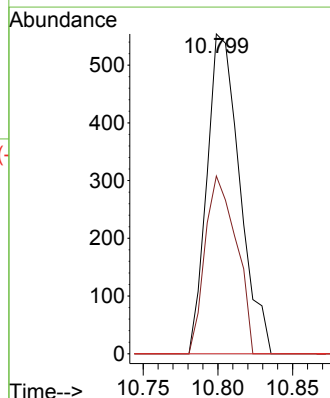
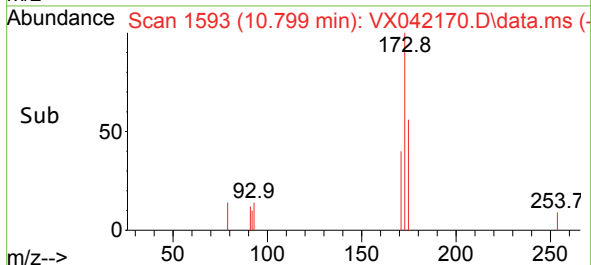
Tgt Ion:117 Resp: 212972
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.9 25.5 38.3

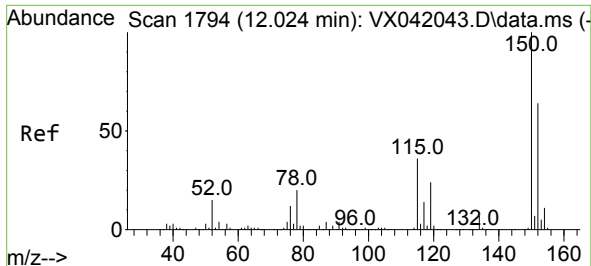


#71
Bromoform
Concen: 1.454 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32



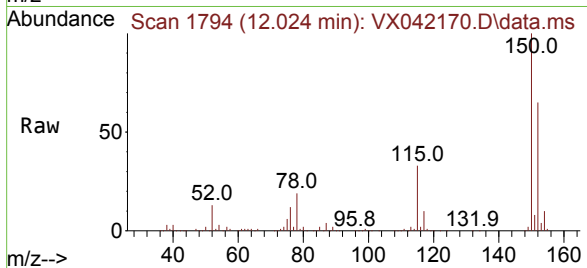
Tgt Ion:173 Resp: 844
Ion Ratio Lower Upper
173 100
175 53.0 24.1 72.4
254 0.0 0.0 0.0



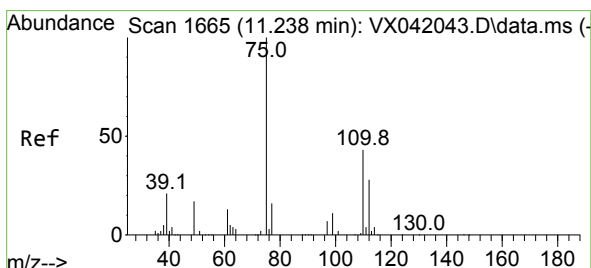
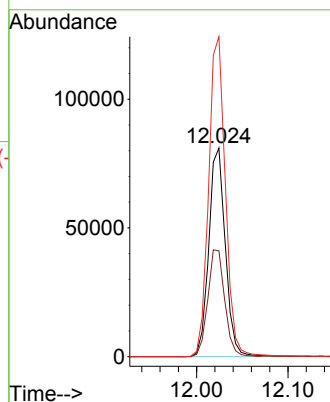
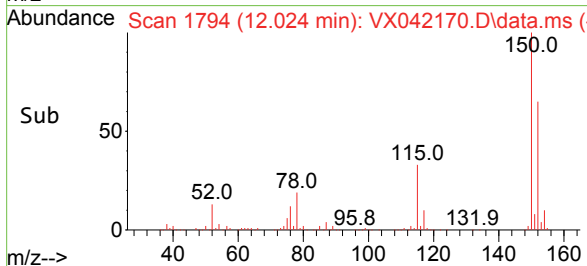


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042170.D
 Acq: 03 Jul 2024 17:32

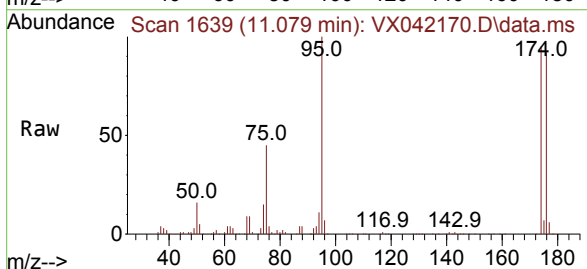
Instrument :
 MSVOA_X
 ClientSampleId :



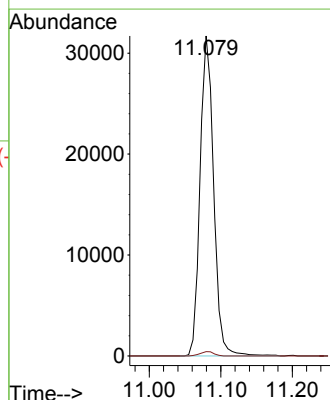
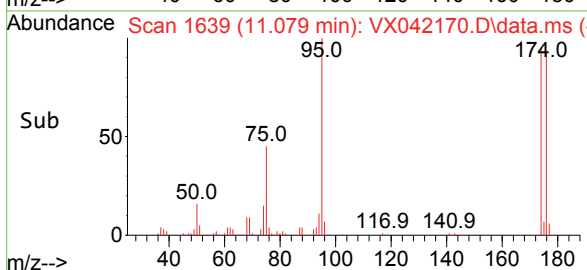
Tgt Ion:152 Resp: 101852
 Ion Ratio Lower Upper
 152 100
 115 53.1 43.3 129.9
 150 155.4 0.0 345.0

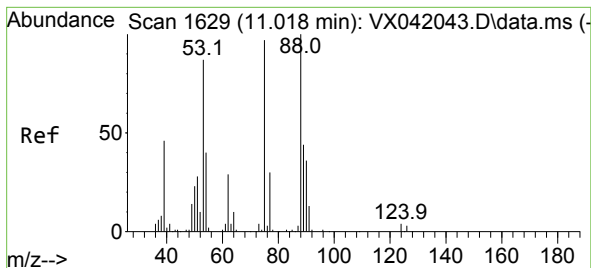


#76
 1,2,3-Trichloropropane
 Concen: 22.592 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX042170.D
 Acq: 03 Jul 2024 17:32



Tgt Ion: 75 Resp: 41774
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#

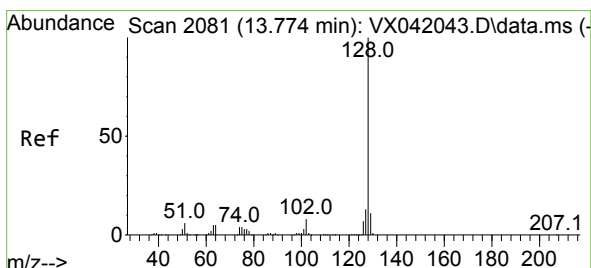
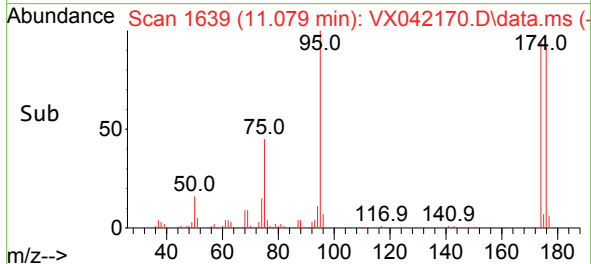
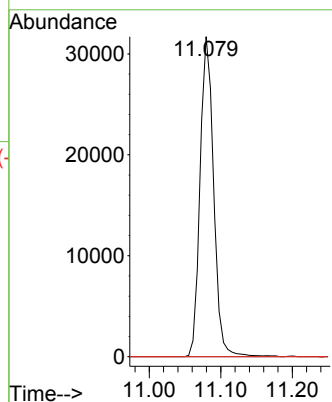
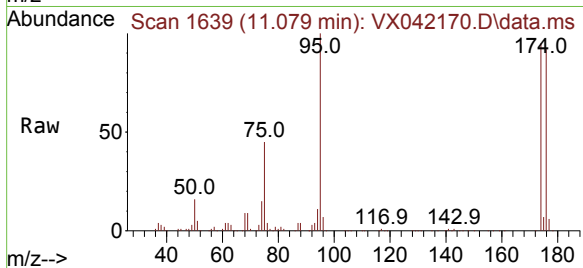




#81
trans-1,4-Dichloro-2-butene
Concen: 64.161 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 41774
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.817 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042170.D
Acq: 03 Jul 2024 17:32

Tgt Ion:128 Resp: 513
Ion Ratio Lower Upper
128 100
127 9.4 10.3 15.5#
129 0.0 8.8 13.2#

