

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042335.D
 Acq On : 16 Jul 2024 10:44
 Operator : JC/MD
 Sample : VX0716WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 17 05:33:17 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)

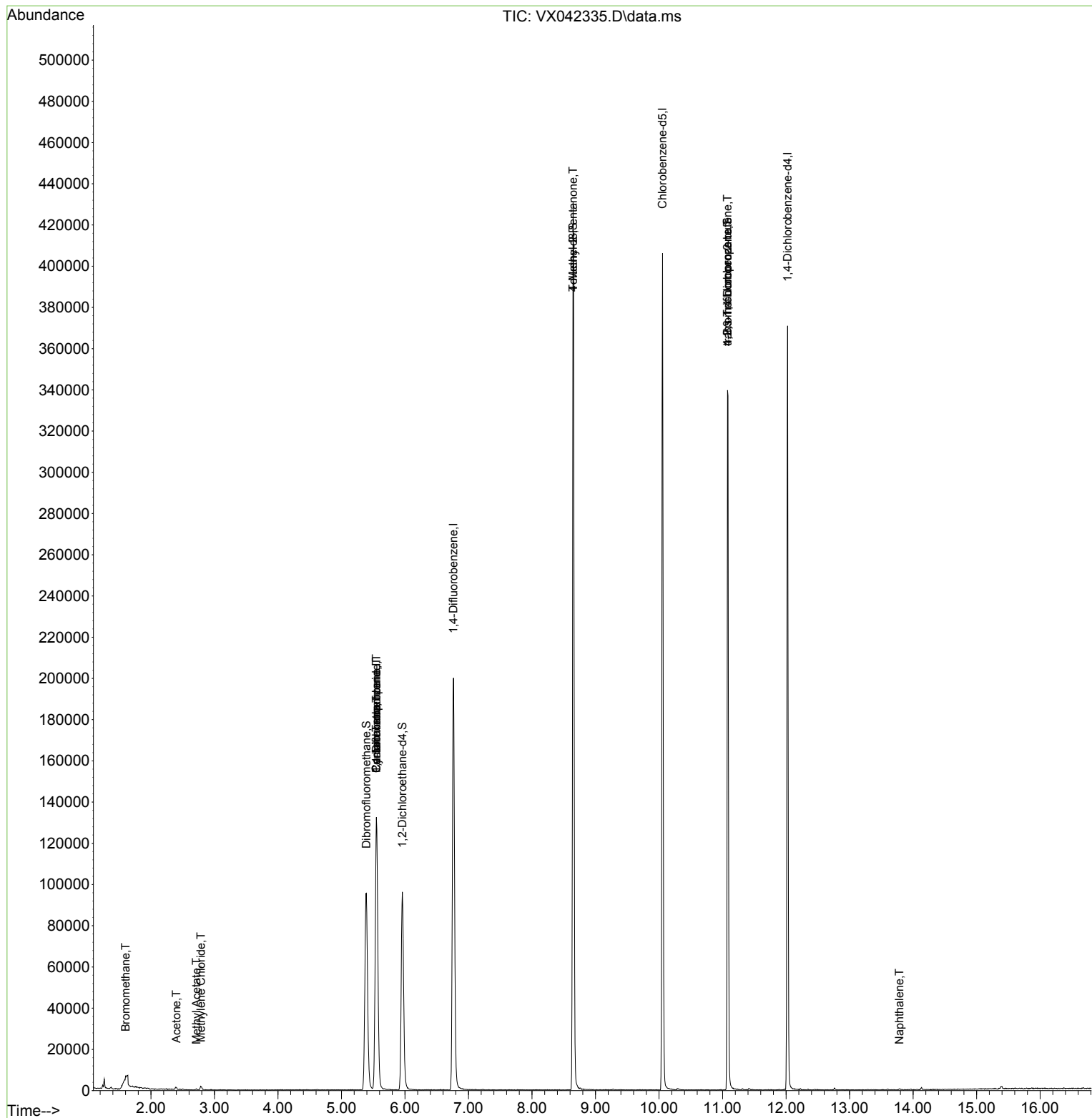
Internal Standards						
1) Pentafluorobenzene	5.550	168	148113	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	224836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91428	53.531	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.060%			
35) Dibromofluoromethane	5.391	113	86816	54.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	8.647	98	270204	48.212	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.420%			
62) 4-Bromofluorobenzene	11.079	95	93869	45.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.880%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	561	0.801	ug/l #	58
6) Chloroethane	1.630	64	30	Below Cal	#	12
16) Acetone	2.398	43	1302	1.736	ug/l #	75
18) Methyl Acetate	2.715	43	514	0.251	ug/l #	87
20) Methylene Chloride	2.788	84	1038	0.632	ug/l #	88
31) Cyclohexane	5.550	56	1874	0.938	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8357	4.933	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12509	6.683	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	902	0.387	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41625	25.974	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41625	73.763	ug/l #	5
95) Naphthalene	13.786	128	705	0.858	ug/l #	73

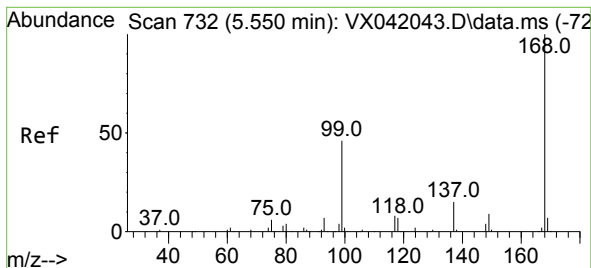
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 05:33:17 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

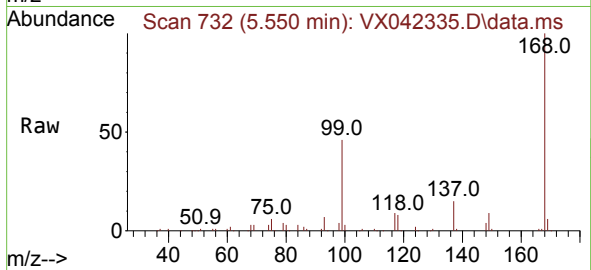
Lab File: VX042335.D

Acq: 16 Jul 2024 10:44

Instrument :

MSVOA_X

ClientSampleId :

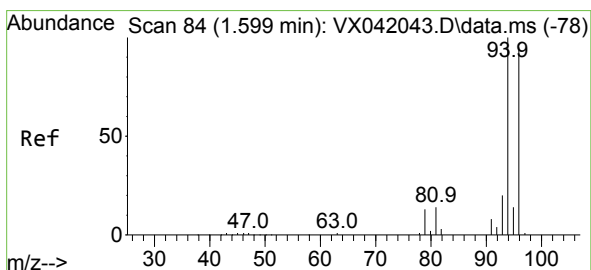
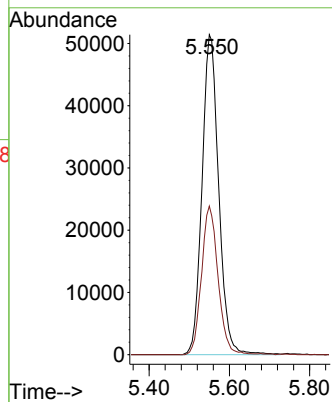
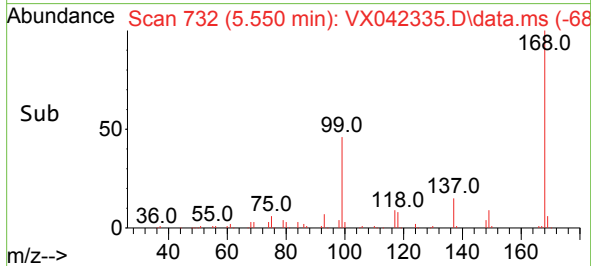


Tgt Ion:168 Resp: 148113

Ion Ratio Lower Upper

168 100

99 46.4 56.6 85.0#



#5

Bromomethane

Concen: 0.801 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042335.D

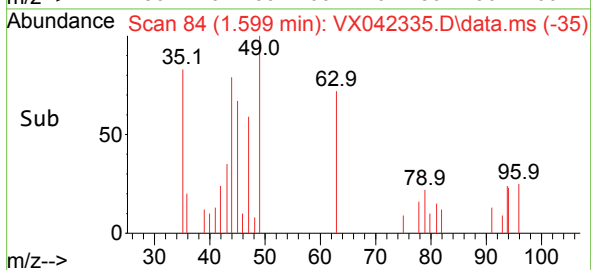
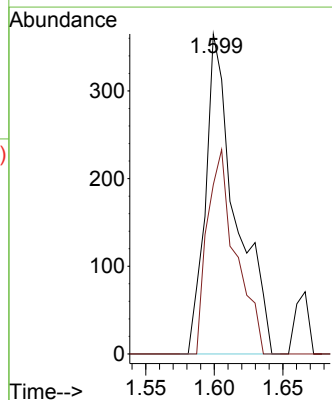
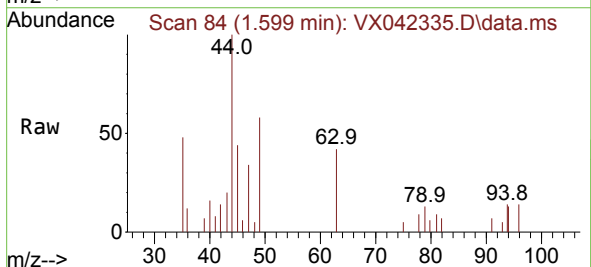
Acq: 16 Jul 2024 10:44

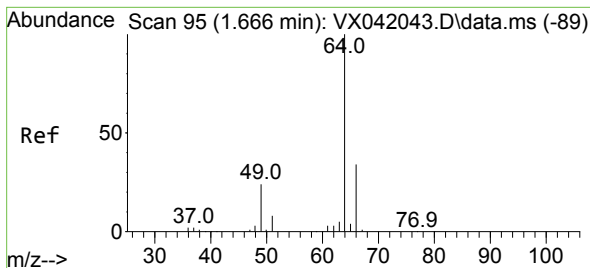
Tgt Ion: 94 Resp: 561

Ion Ratio Lower Upper

94 100

96 52.9 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.630 min Scan# 89

Delta R.T. -0.030 min

Lab File: VX042335.D

Acq: 16 Jul 2024 10:44

Instrument :

MSVOA_X

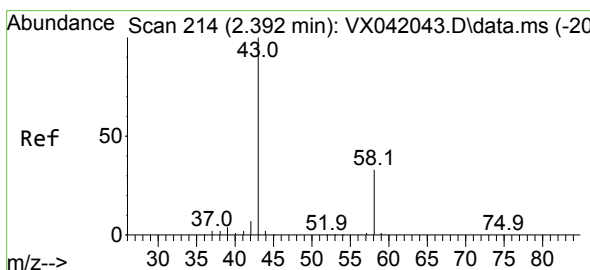
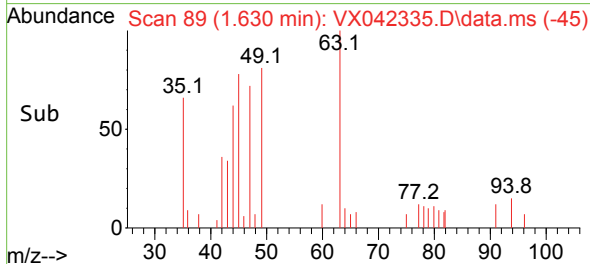
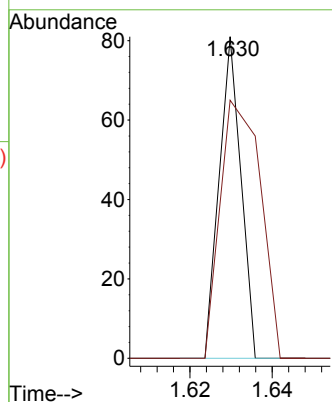
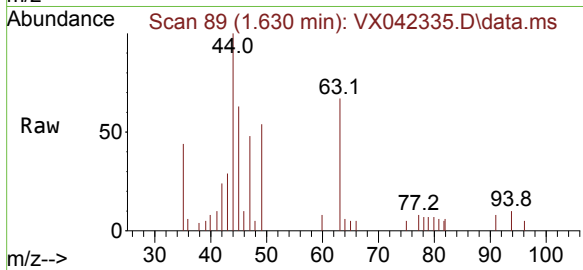
ClientSampleId :

Tgt Ion: 64 Resp: 30

Ion Ratio Lower Upper

64 100

66 80.2 25.1 37.7#



#16

Acetone

Concen: 1.736 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX042335.D

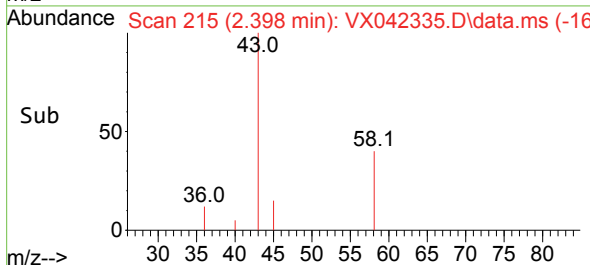
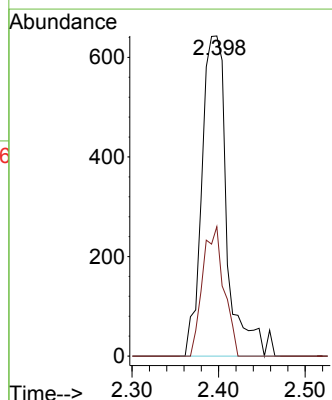
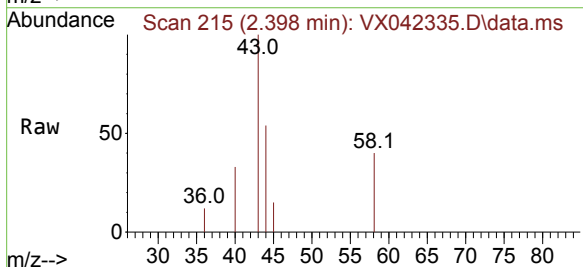
Acq: 16 Jul 2024 10:44

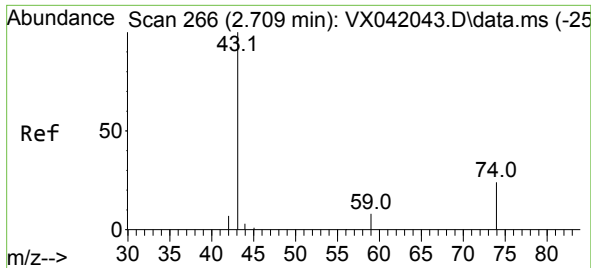
Tgt Ion: 43 Resp: 1302

Ion Ratio Lower Upper

43 100

58 40.4 21.9 32.9#

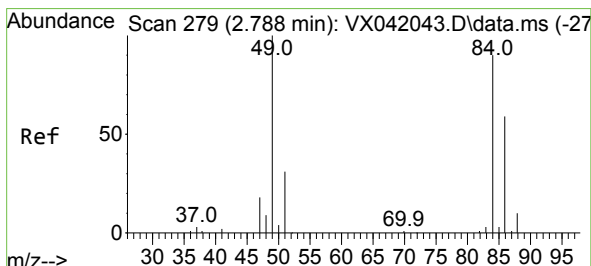
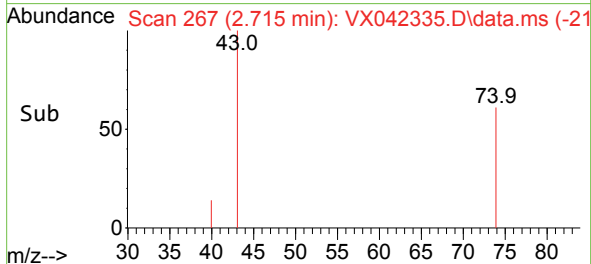
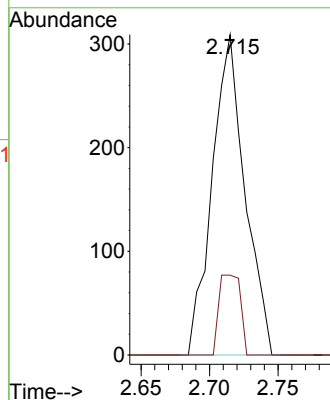
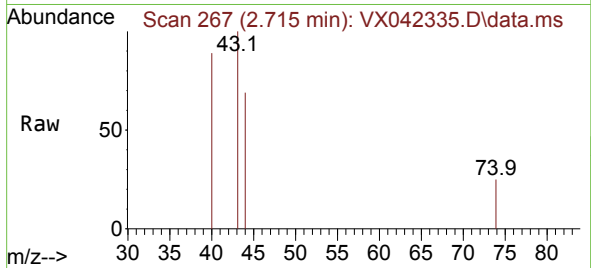




#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

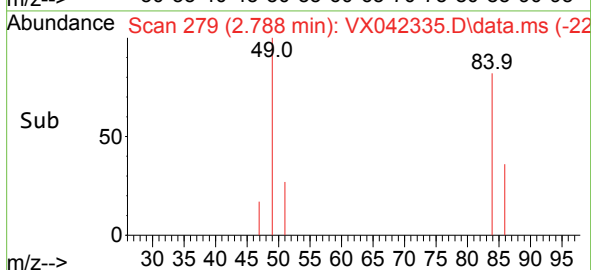
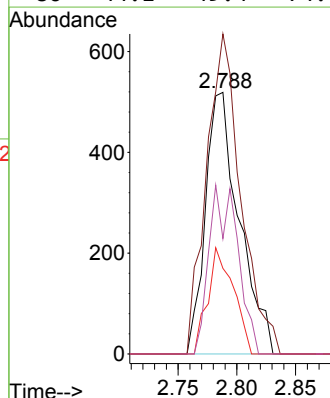
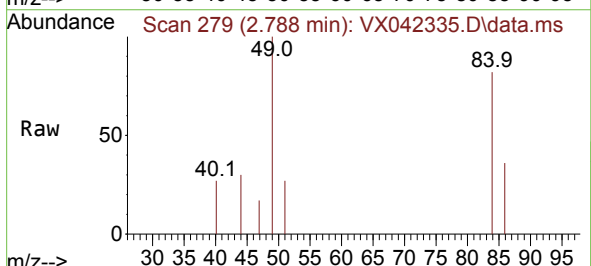
Instrument :
MSVOA_X
ClientSampleId :

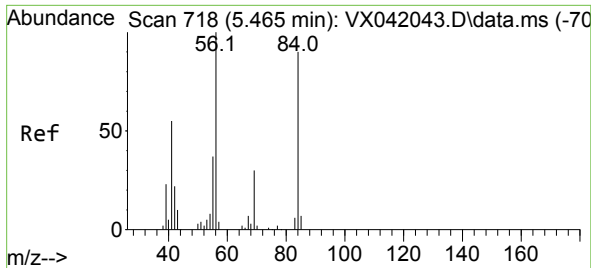
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
74 16.1 17.8 26.8#



#20
Methylene Chloride
Concen: 0.632 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

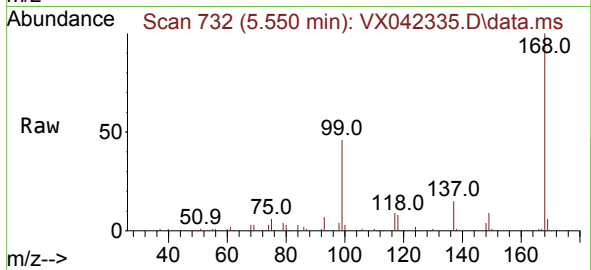
Tgt Ion: 84 Resp: 1038
Ion Ratio Lower Upper
84 100
49 122.4 103.6 155.4
51 32.8 33.8 50.6#
86 44.1 49.4 74.0#



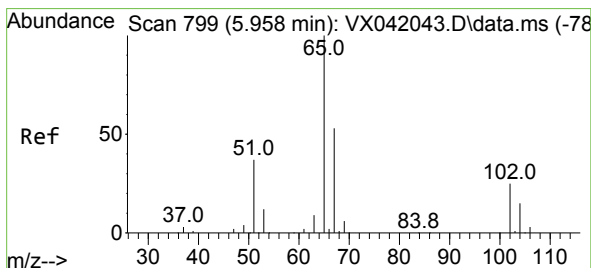
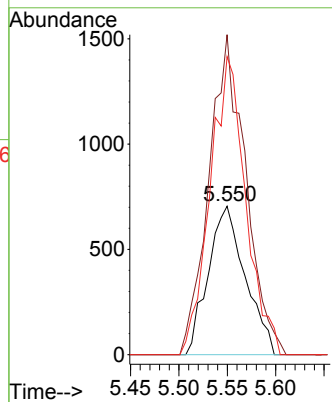
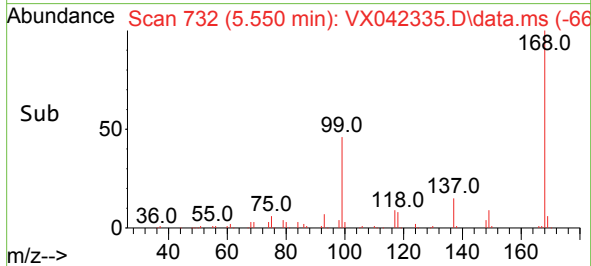


#31
Cyclohexane
Concen: 0.938 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

Instrument :
MSVOA_X
ClientSampleId :

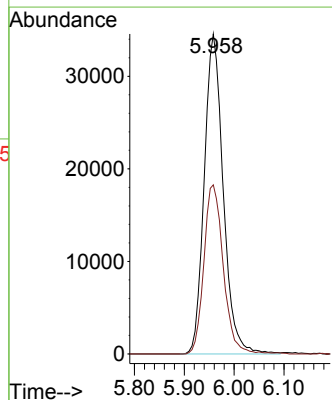
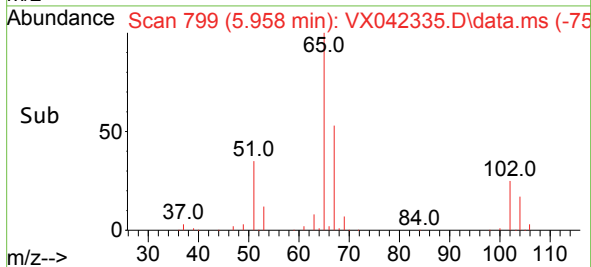
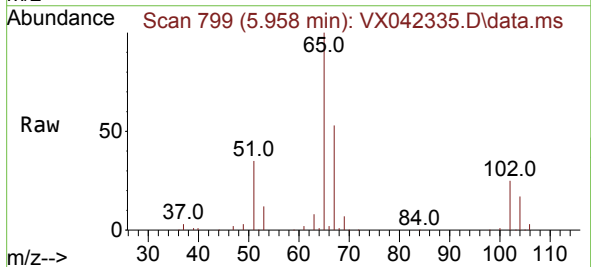


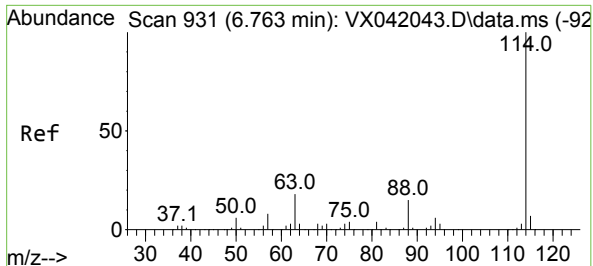
Tgt Ion: 56 Resp: 1874
Ion Ratio Lower Upper
56 100
69 215.6 23.4 35.2#
84 200.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.531 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

Tgt Ion: 65 Resp: 91428
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2

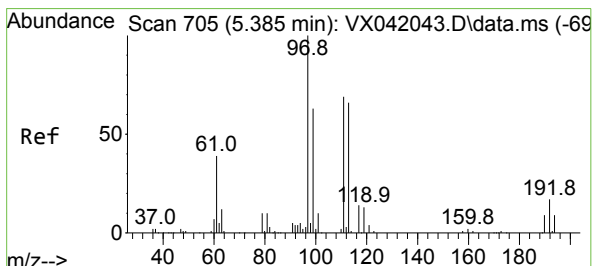
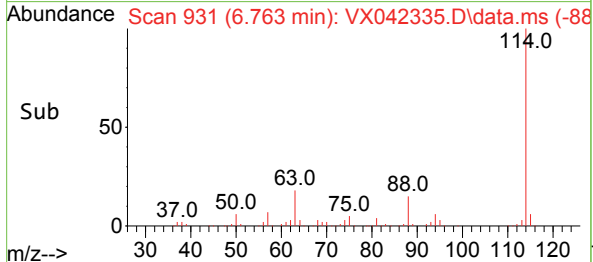
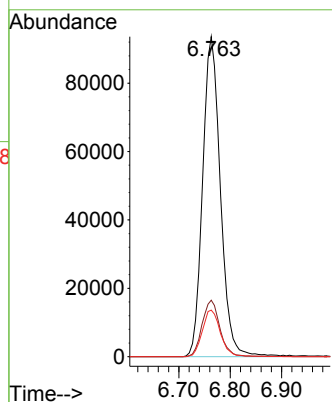
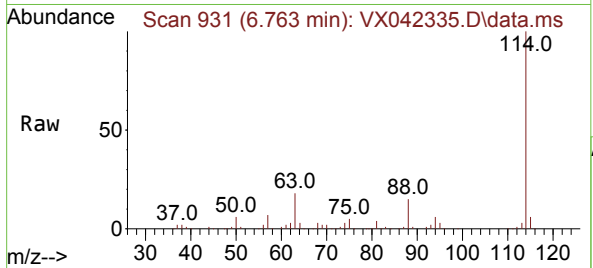




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

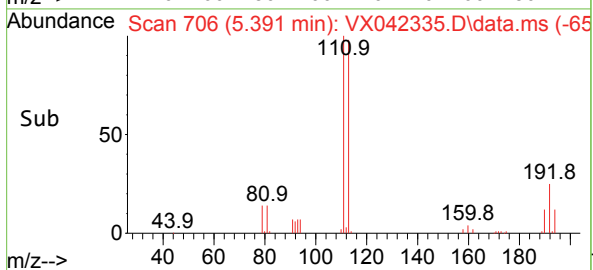
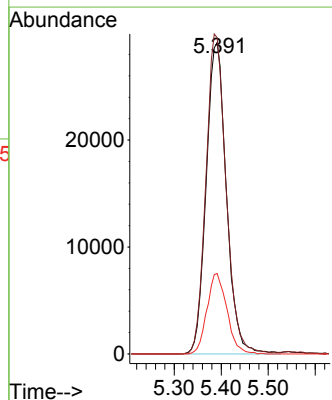
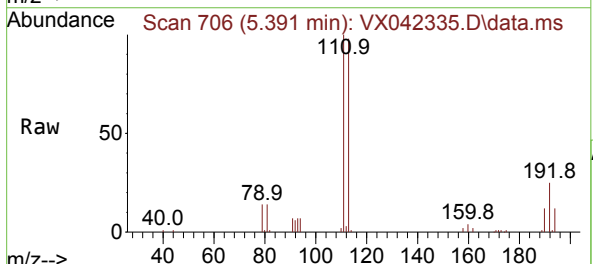
Instrument :
MSVOA_X
ClientSampleId :

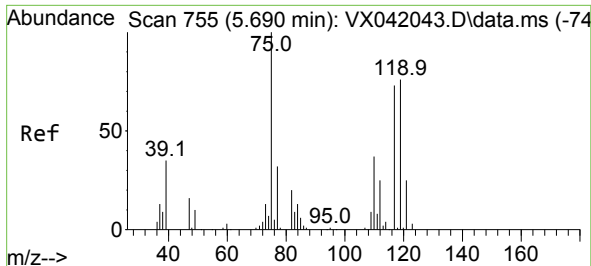
Tgt Ion:114 Resp: 224836
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.419 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

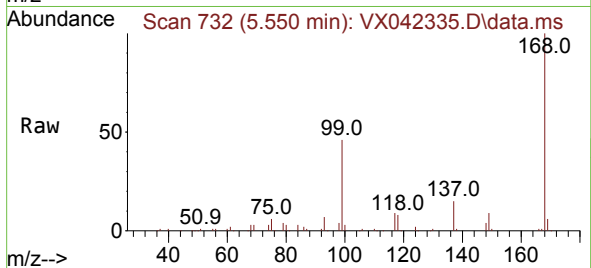
Tgt Ion:113 Resp: 86816
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 25.5 13.3 19.9#



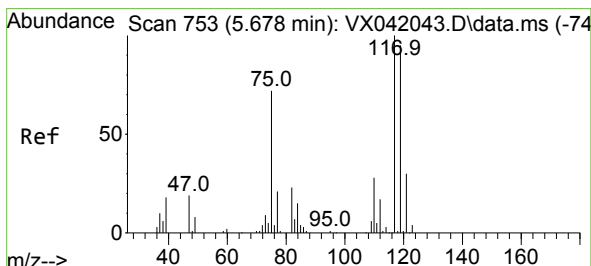
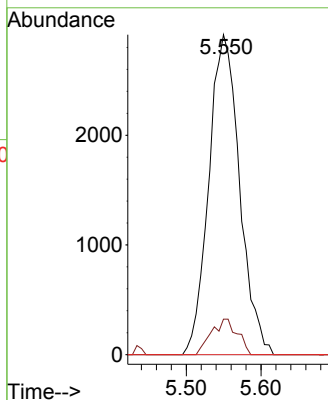
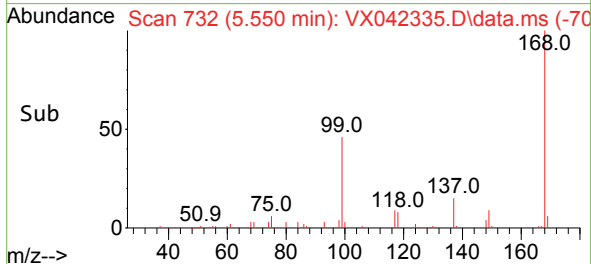


#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

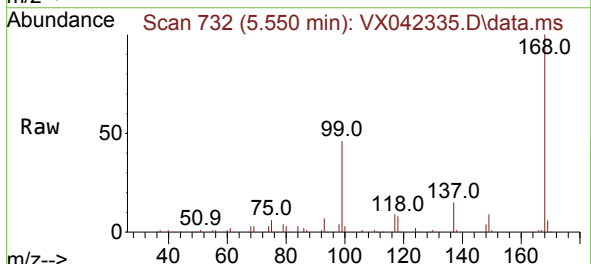
Instrument :
MSVOA_X
ClientSampleId :



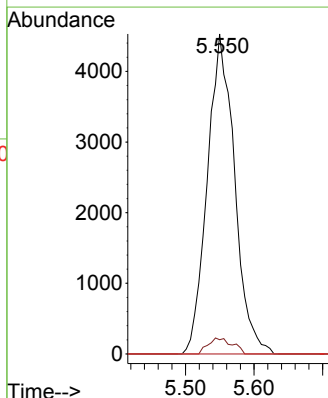
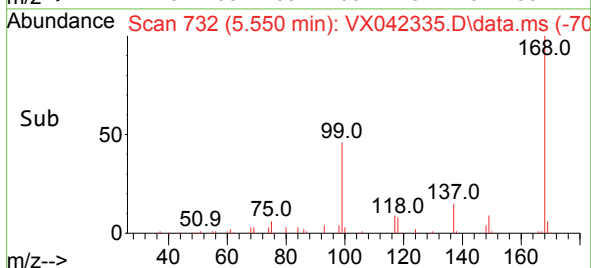
Tgt Ion: 75 Resp: 8357
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#

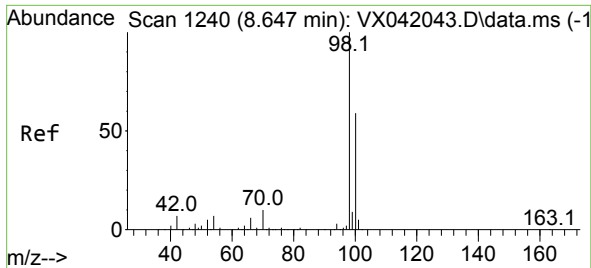


#38
Carbon Tetrachloride
Concen: 6.683 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44



Tgt Ion: 117 Resp: 12509
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

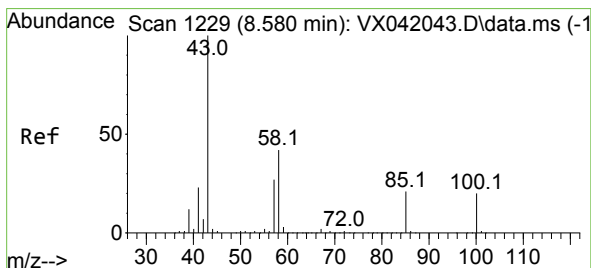
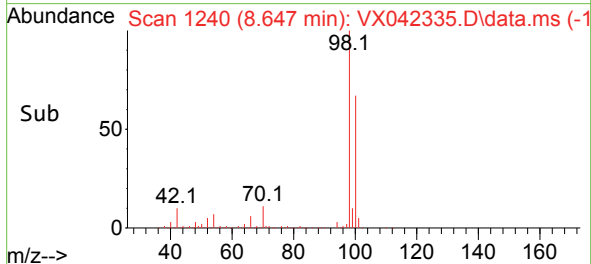
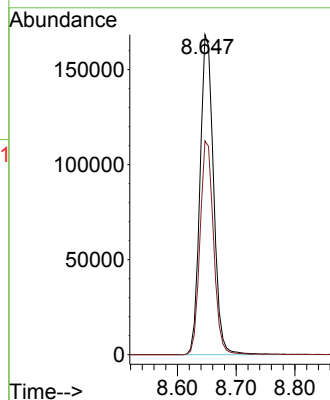
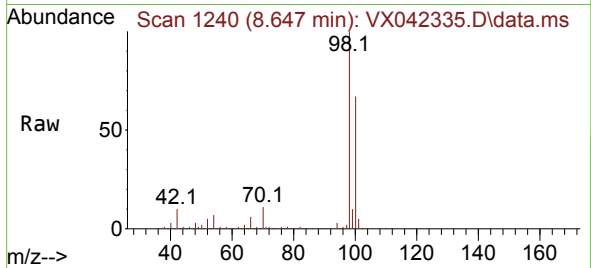




#50
Toluene-d8
Concen: 48.212 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

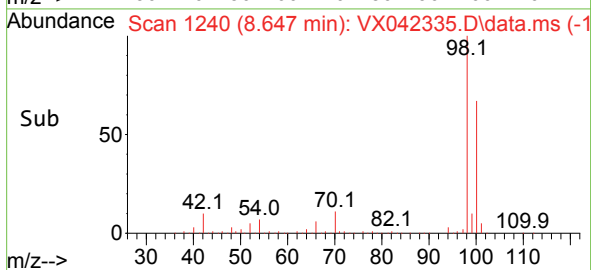
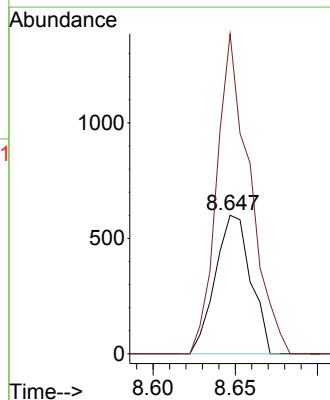
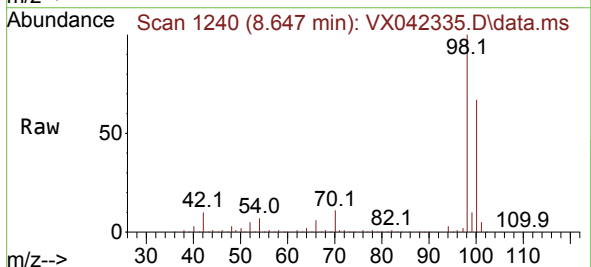
Instrument :
MSVOA_X
ClientSampleId :

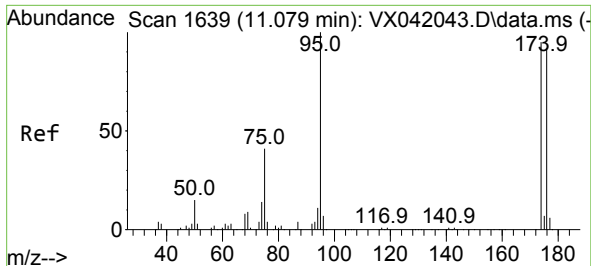
Tgt Ion: 98 Resp: 270204
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.387 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

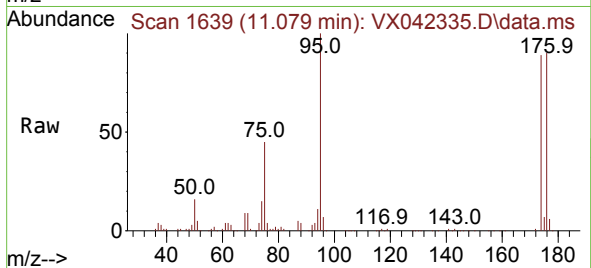
Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 214.4 30.4 45.6#



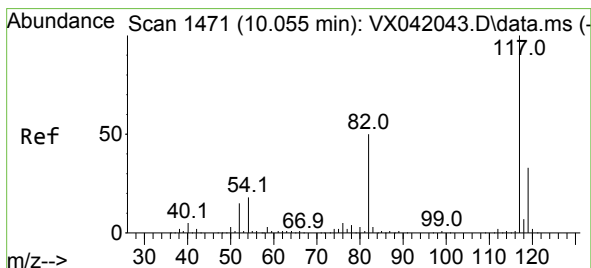
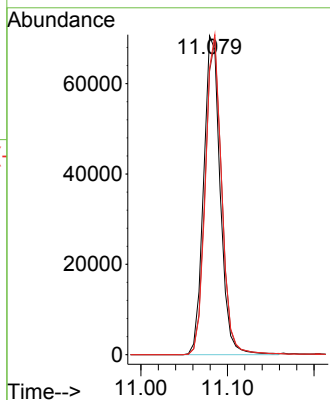
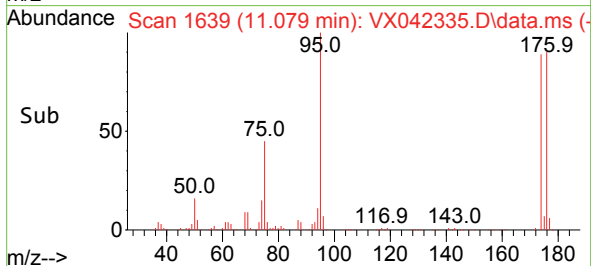


#62
4-Bromofluorobenzene
Concen: 45.436 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

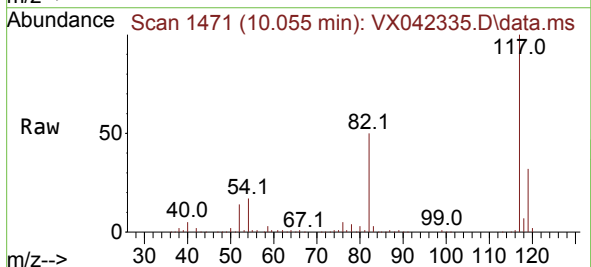
Instrument :
MSVOA_X
ClientSampleId :



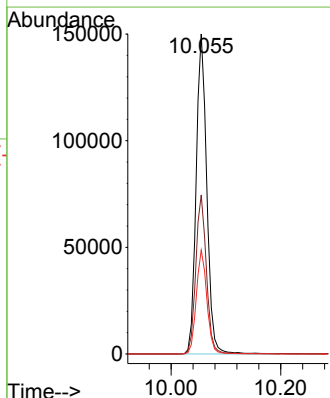
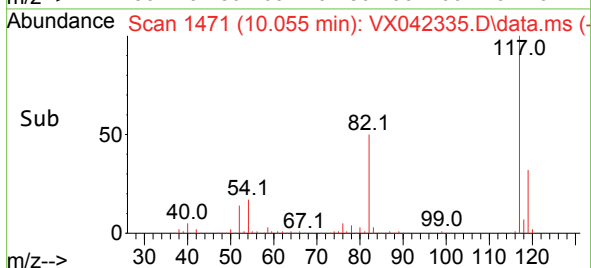
Tgt Ion: 95 Resp: 93869
Ion Ratio Lower Upper
95 100
174 98.7 0.0 135.6
176 98.5 0.0 131.0

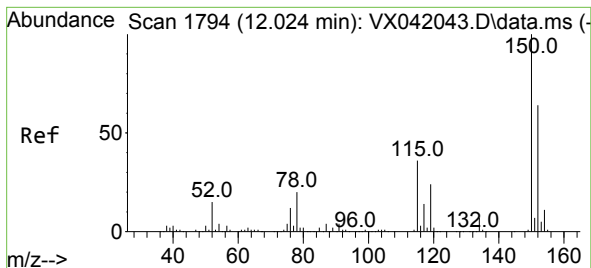


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44



Tgt Ion: 117 Resp: 203189
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.5 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: VX042335.D

Acq: 16 Jul 2024 10:44

Instrument :

MSVOA_X

ClientSampleId :

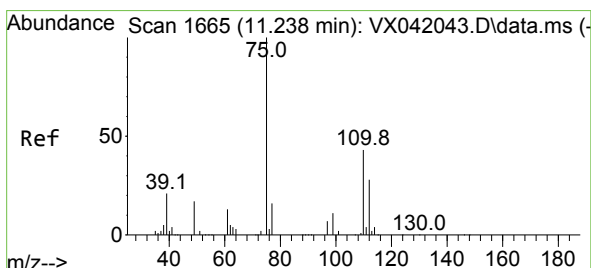
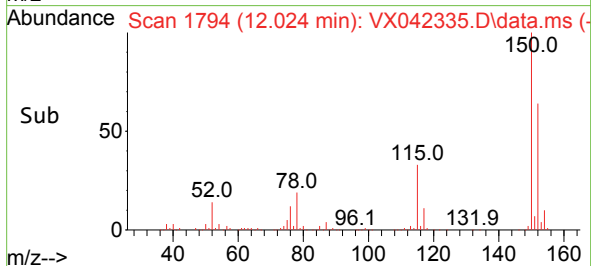
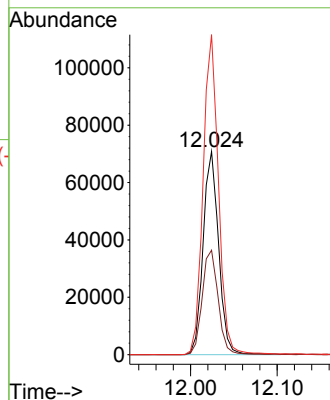
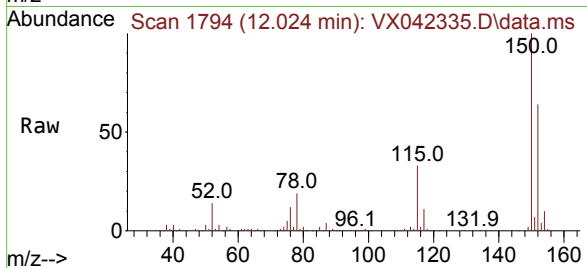
Tgt Ion:152 Resp: 88277

Ion Ratio Lower Upper

152 100

115 52.8 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.974 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042335.D

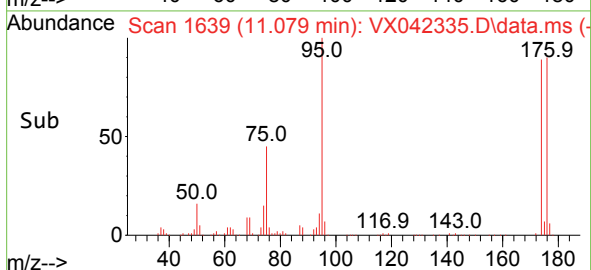
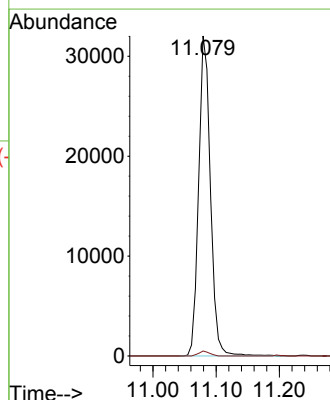
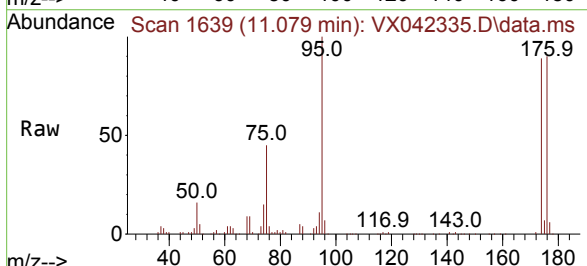
Acq: 16 Jul 2024 10:44

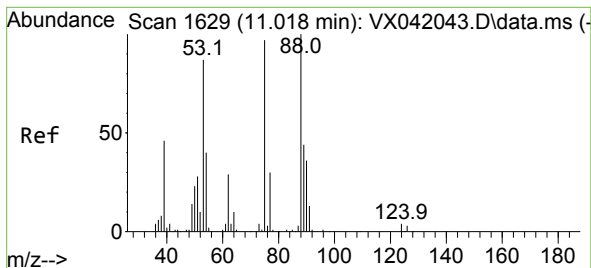
Tgt Ion: 75 Resp: 41625

Ion Ratio Lower Upper

75 100

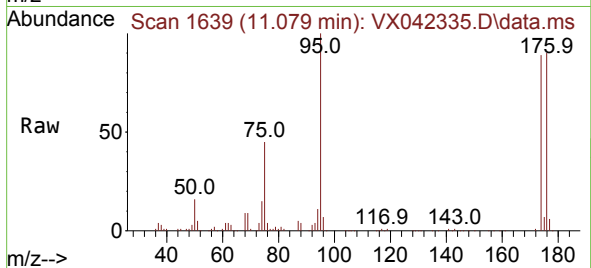
77 1.4 19.1 57.5#



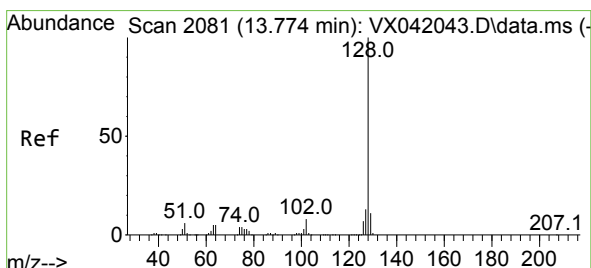
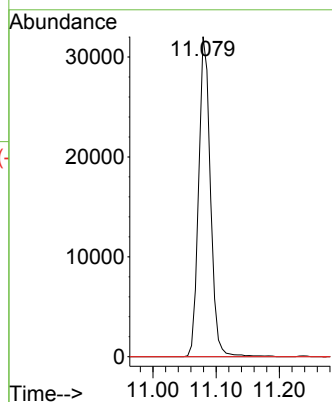
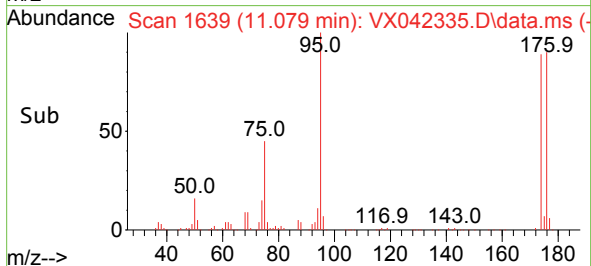


#81
trans-1,4-Dichloro-2-butene
Concen: 73.763 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44

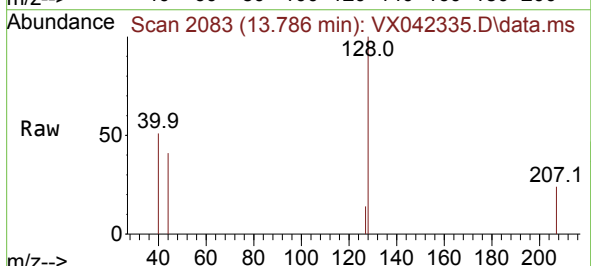
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 41625
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.858 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042335.D
Acq: 16 Jul 2024 10:44



Tgt Ion: 128 Resp: 705
Ion Ratio Lower Upper
128 100
127 2.8 10.3 15.5#
129 0.0 8.8 13.2#

