

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041808.D
 Acq On : 10 Jun 2024 14:21
 Operator : JC/MD
 Sample : P2760-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:48:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

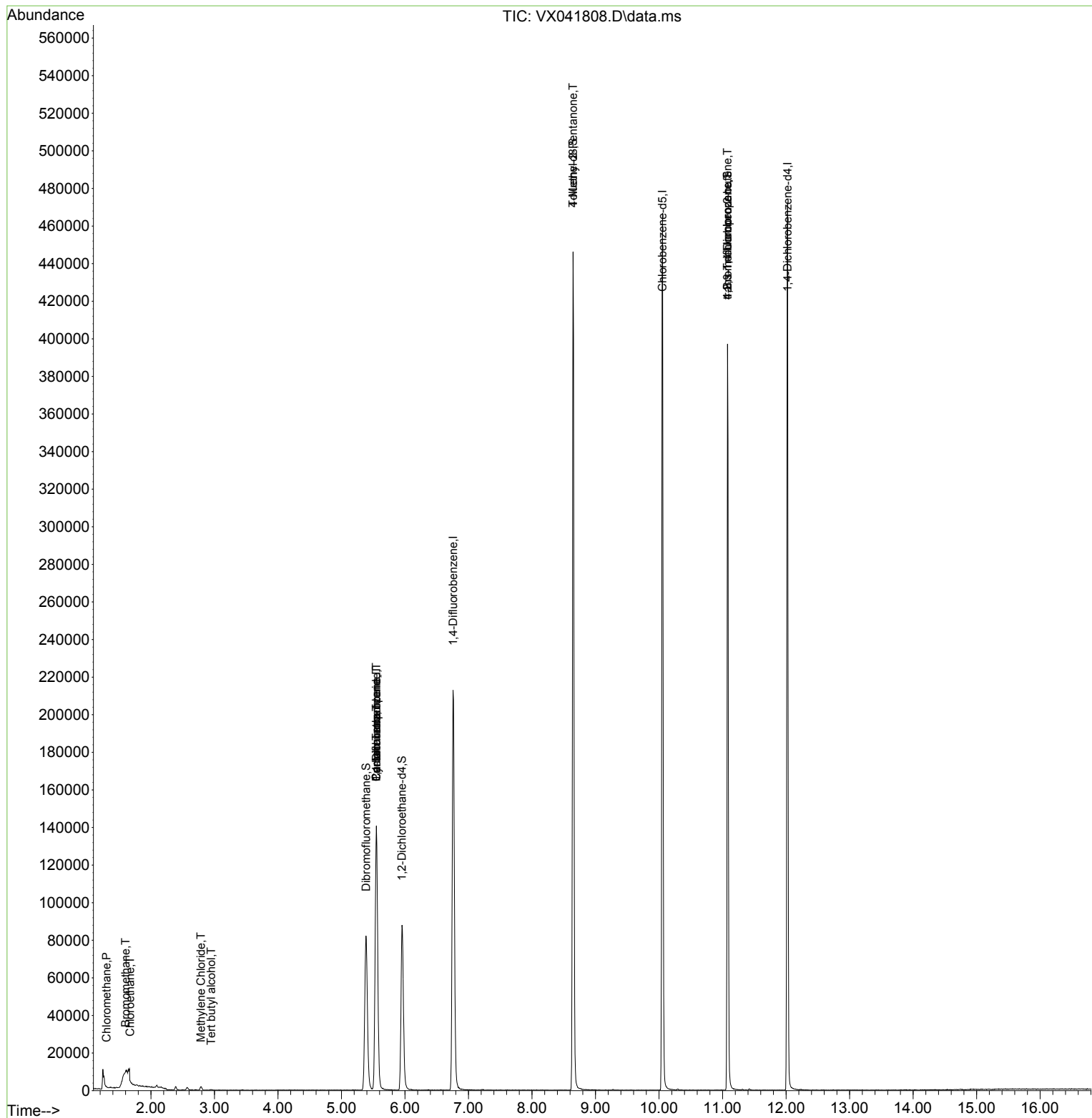
Internal Standards						
1) Pentafluorobenzene	5.550	168	144419	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	225481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86427	48.794	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.580%		
35) Dibromofluoromethane	5.385	113	72210	46.319	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.640%		
50) Toluene-d8	8.647	98	270759	49.706	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	99107	49.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.600%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	549	0.397	ug/l	93
5) Bromomethane	1.599	94	424	0.427	ug/l	93
6) Chloroethane	1.672	64	207	0.240	ug/l #	43
11) Tert butyl alcohol	2.947	59	199	0.635	ug/l #	78
16) Acetone	2.386	43	1876	Below Cal		100
20) Methylene Chloride	2.788	84	912	0.575	ug/l #	78
31) Cyclohexane	5.550	56	2596	1.241	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9304	4.929	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13089	6.103	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1187	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50189	26.874	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50189	73.245	ug/l #	5

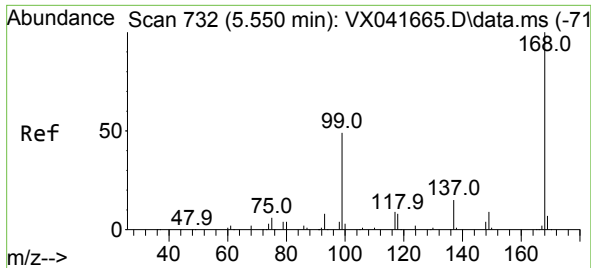
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

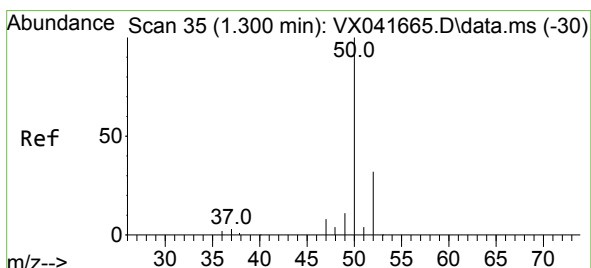
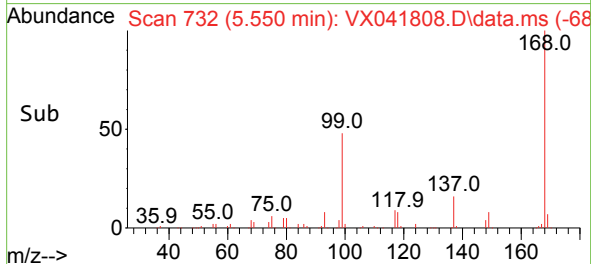
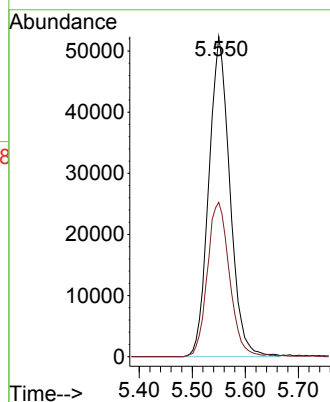
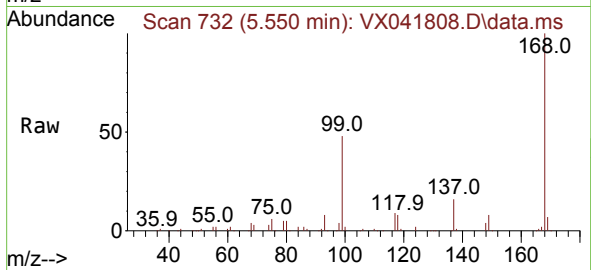




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

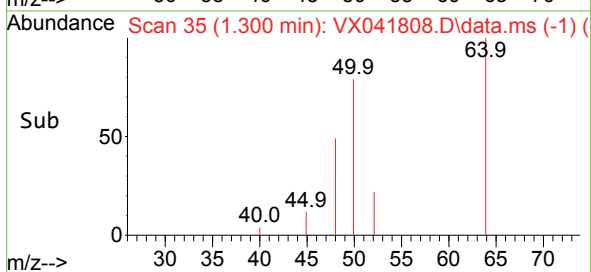
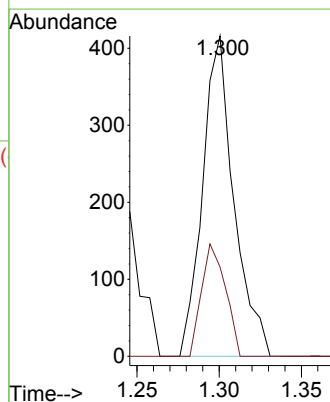
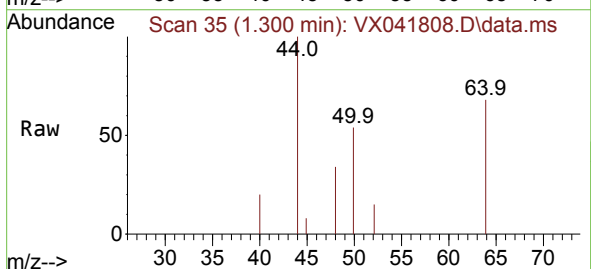
Instrument :
MSVOA_X
ClientSampleId :

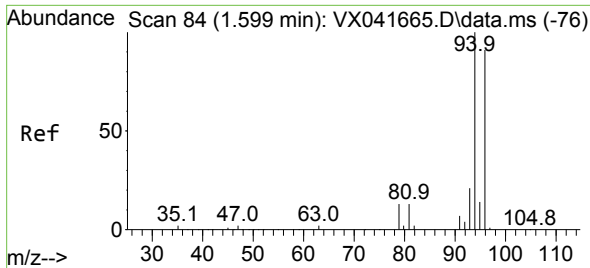
Tgt Ion:168 Resp: 144419
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#



#3
Chloromethane
Concen: 0.397 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

Tgt Ion: 50 Resp: 549
Ion Ratio Lower Upper
50 100
52 27.9 25.5 38.3

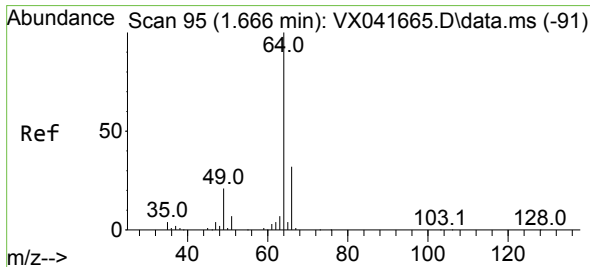
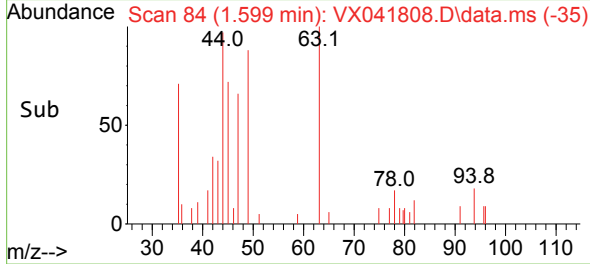
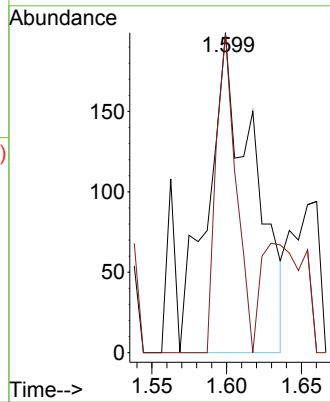
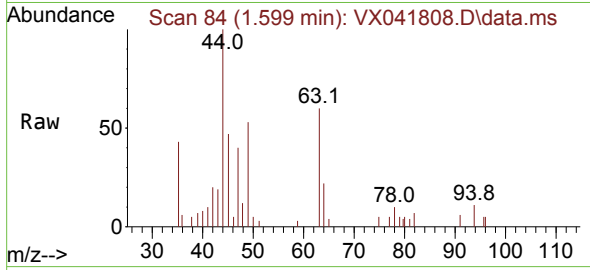




#5
Bromomethane
Concen: 0.427 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

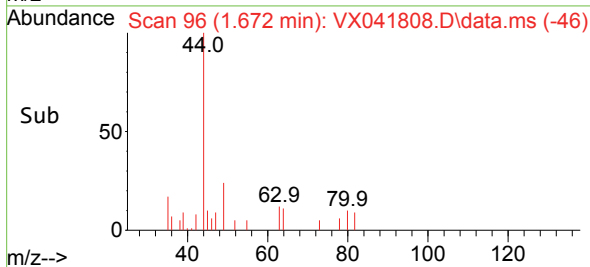
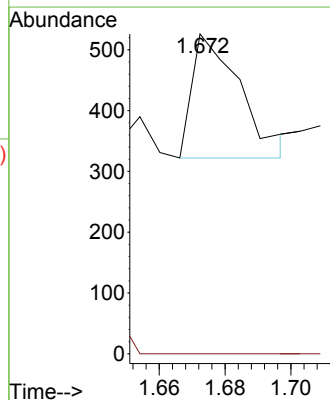
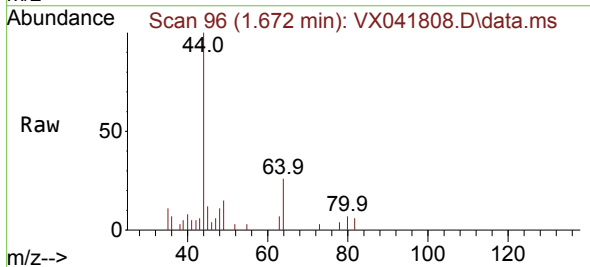
Instrument :
MSVOA_X
ClientSampleId :

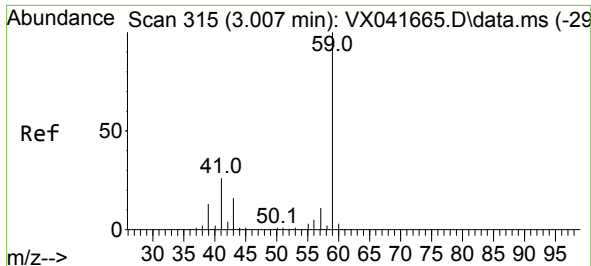
Tgt Ion: 94 Resp: 424
Ion Ratio Lower Upper
94 100
96 99.5 74.6 111.8



#6
Chloroethane
Concen: 0.240 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

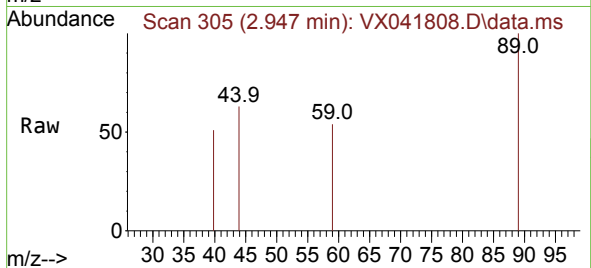
Tgt Ion: 64 Resp: 207
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



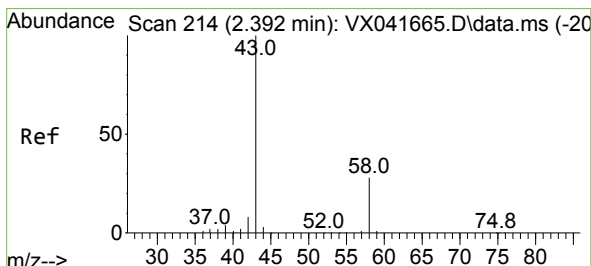
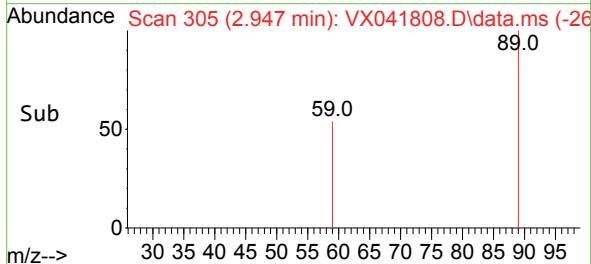
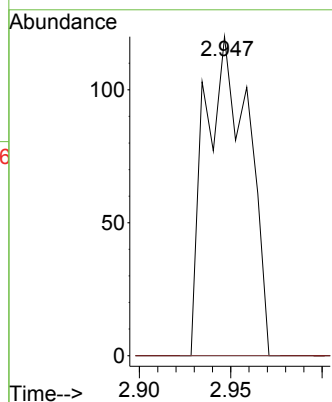


#11
Tert butyl alcohol
Concen: 0.635 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

Instrument :
MSVOA_X
ClientSampleId :

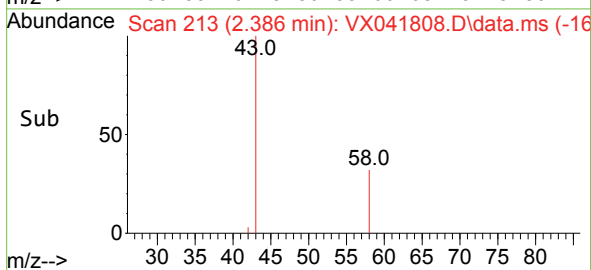
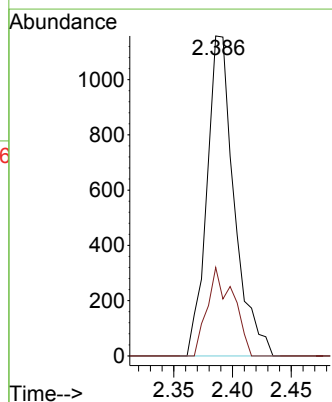
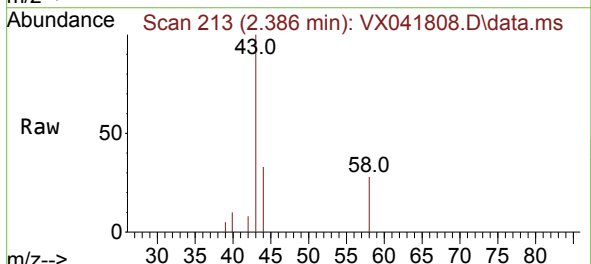


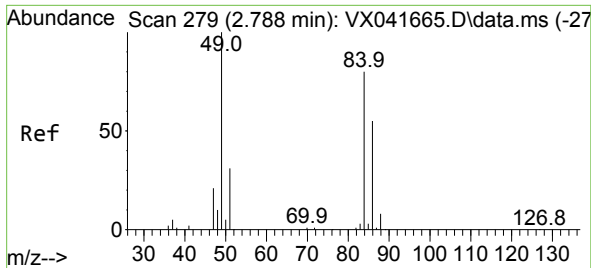
Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

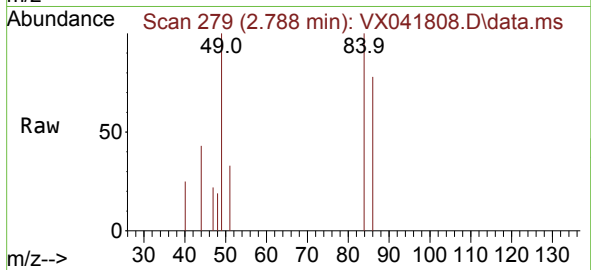
Tgt Ion: 43 Resp: 1876
Ion Ratio Lower Upper
43 100
58 27.6 21.9 32.9



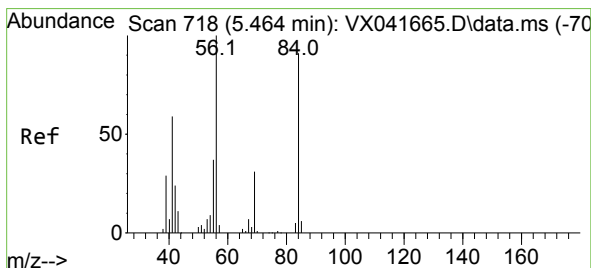
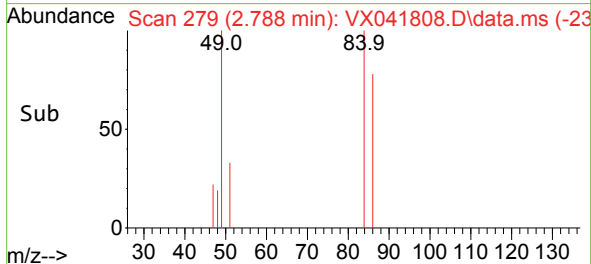
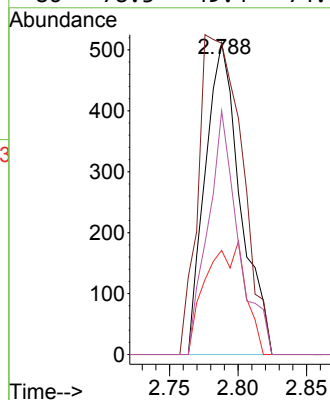


#20
Methylene Chloride
Concen: 0.575 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

Instrument :
MSVOA_X
ClientSampleId :

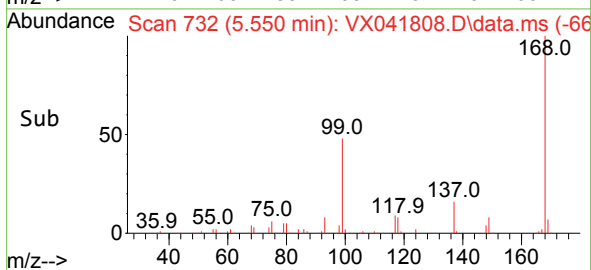
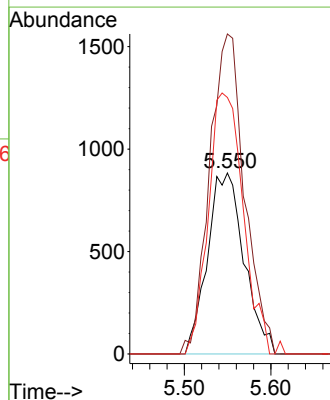
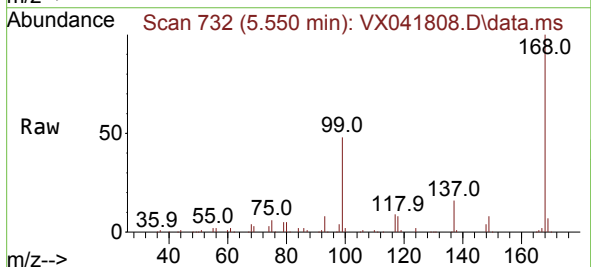


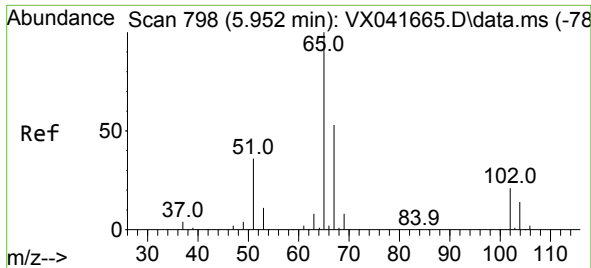
Tgt Ion:	84	Resp:	912
Ion	Ratio	Lower	Upper
84	100		
49	100.0	103.6	155.4#
51	33.5	33.8	50.6#
86	78.3	49.4	74.0#



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

Tgt Ion:	56	Resp:	2596
Ion	Ratio	Lower	Upper
56	100		
69	176.9	23.4	35.2#
84	141.8	65.9	98.9#

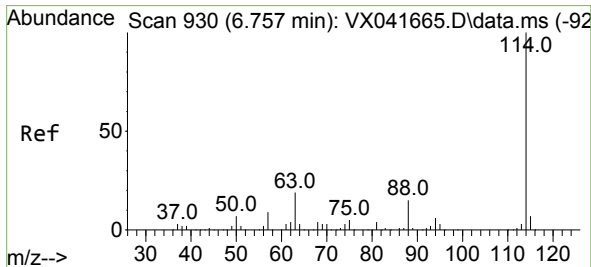
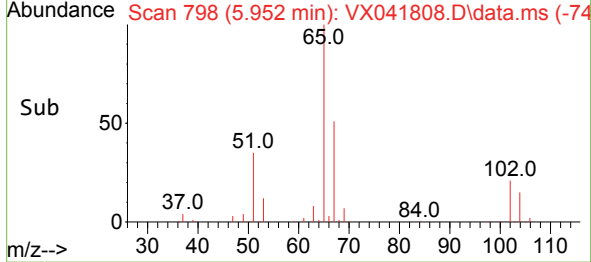
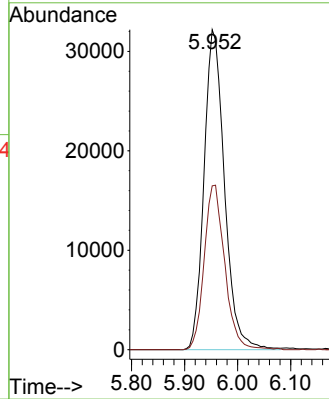
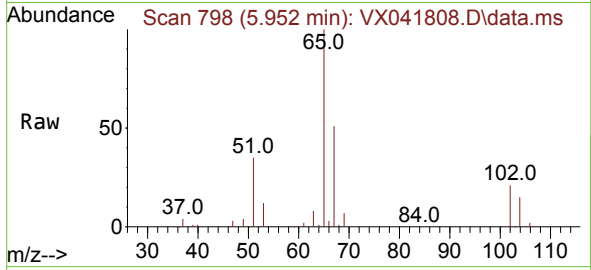




#33
1,2-Dichloroethane-d4
Concen: 48.794 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

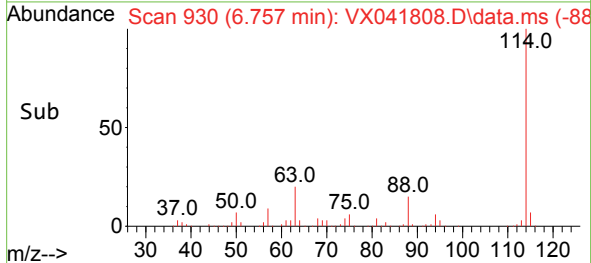
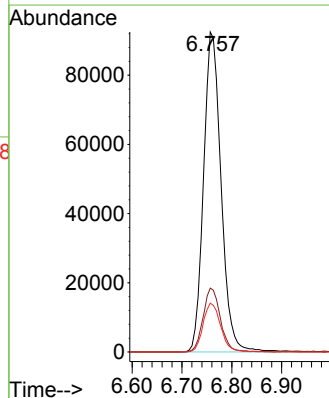
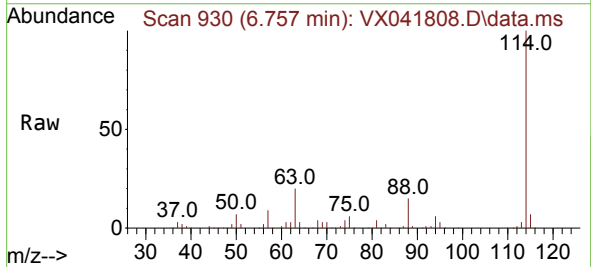
Instrument :
MSVOA_X
ClientSampleId :

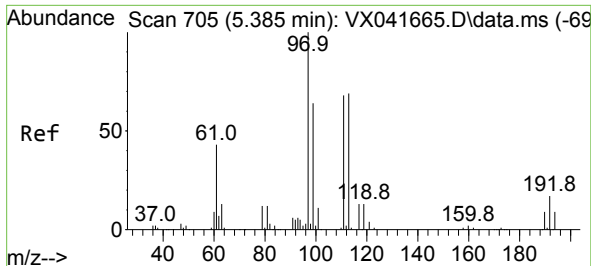
Tgt Ion: 65 Resp: 86427
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

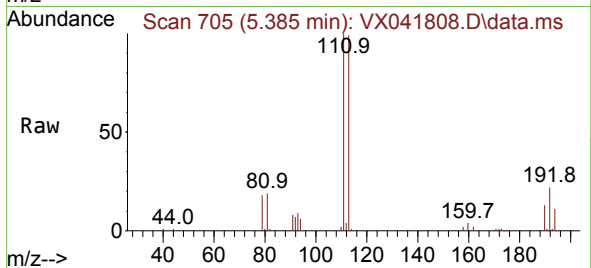
Tgt Ion: 114 Resp: 225481
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.2 0.0 36.6



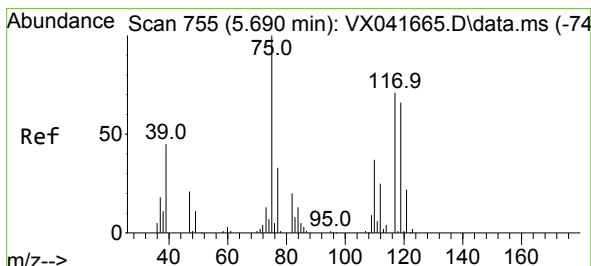
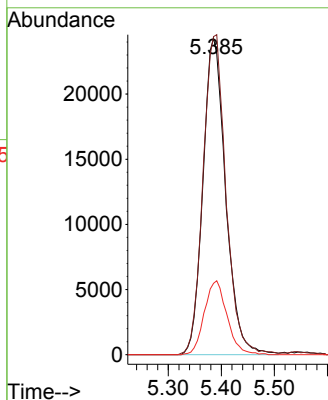
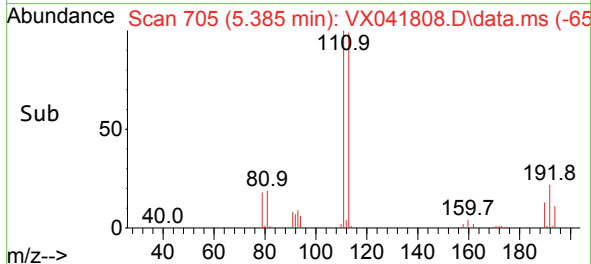


#35
Dibromofluoromethane
Concen: 46.319 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

Instrument :
MSVOA_X
ClientSampleId :

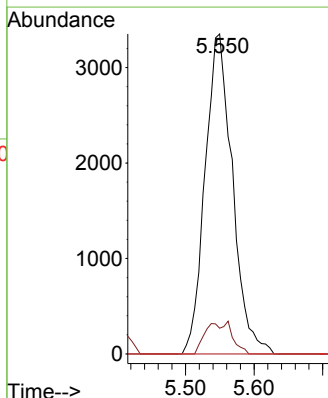
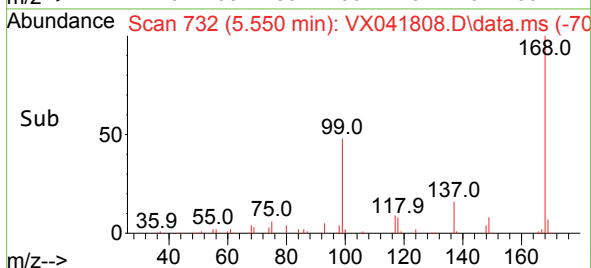
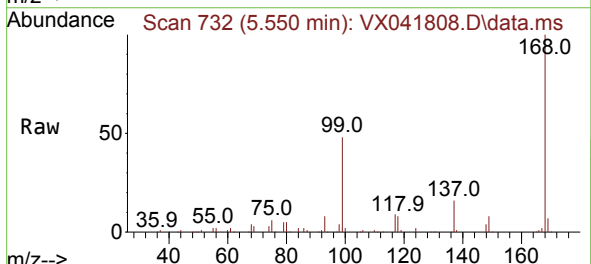


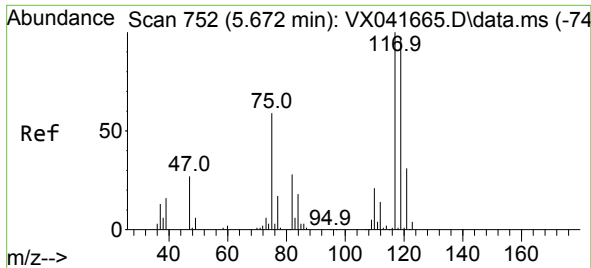
Tgt Ion:113 Resp: 72210
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 23.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

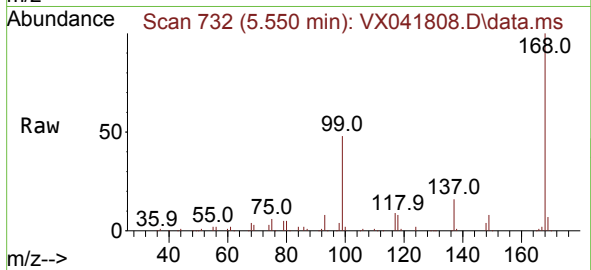
Tgt Ion: 75 Resp: 9304
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



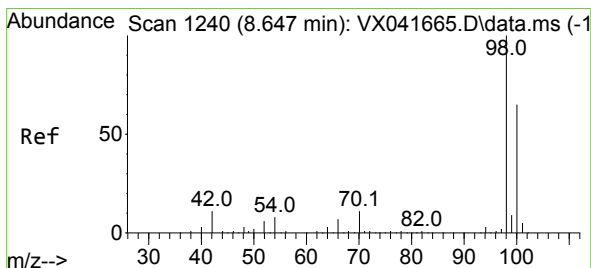
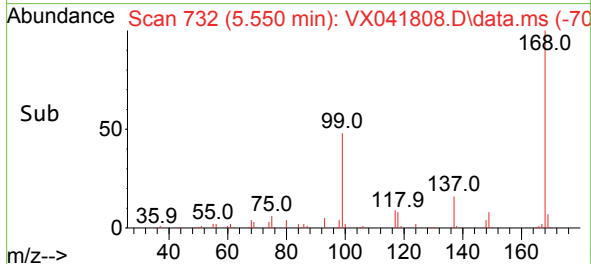
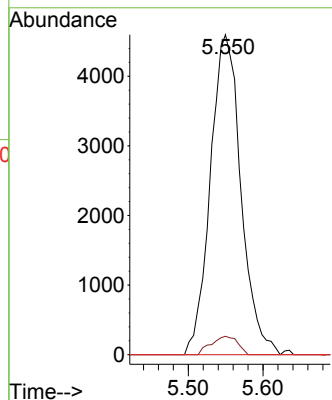


#38
Carbon Tetrachloride
Concen: 6.103 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

Instrument :
MSVOA_X
ClientSampleId :

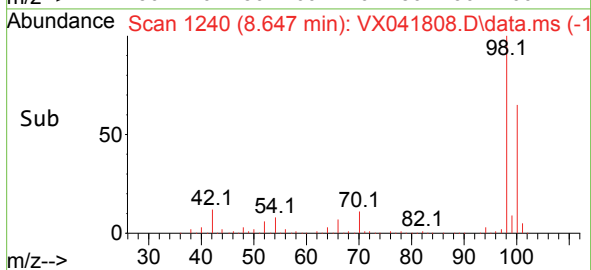
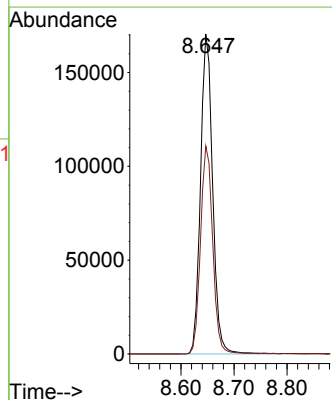
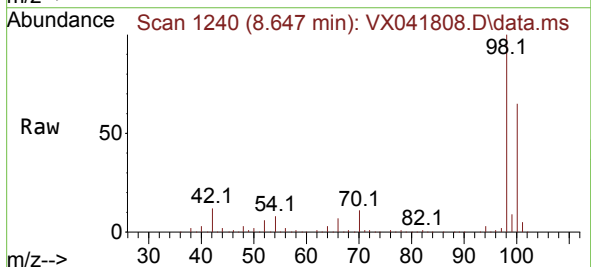


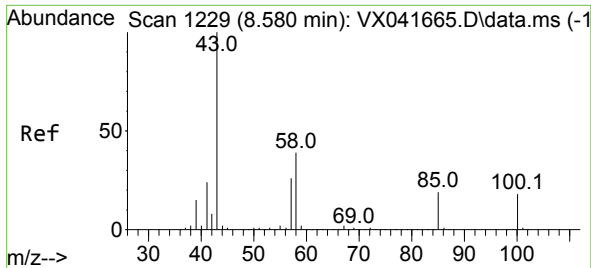
Tgt Ion:117 Resp: 13089
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.706 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

Tgt Ion: 98 Resp: 270759
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

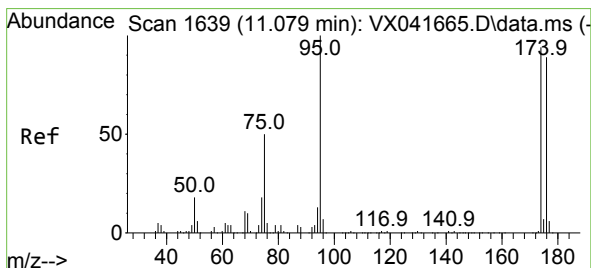
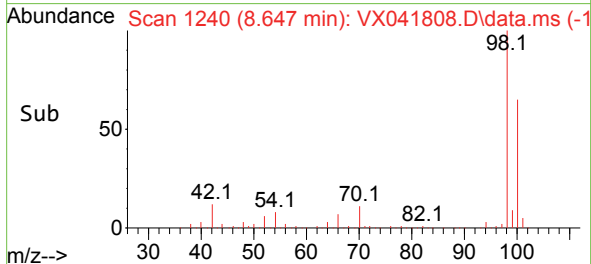
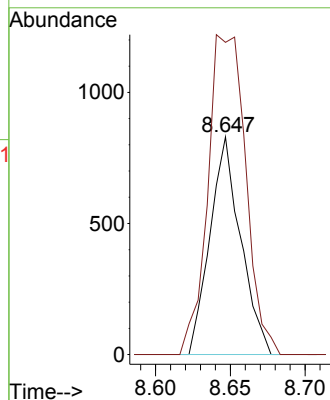
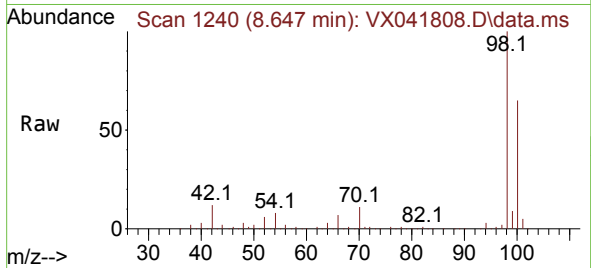




#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 8.647 min Scan# 1187
Delta R.T. 0.067 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

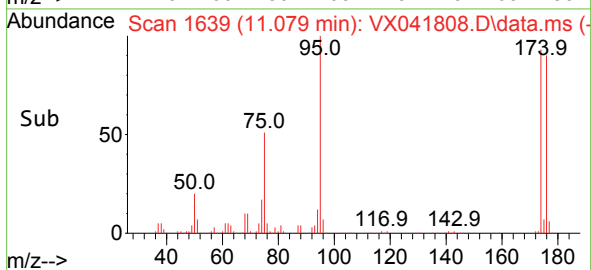
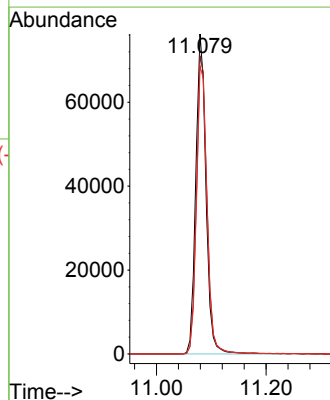
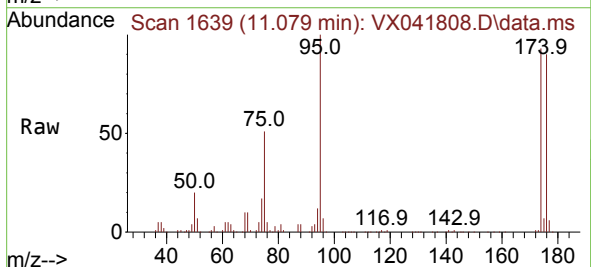
Instrument :
MSVOA_X
ClientSampleId :

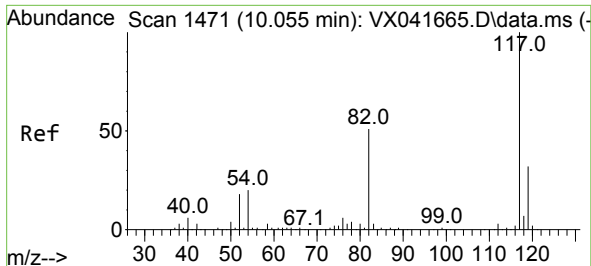
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 181.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

Tgt Ion: 95 Resp: 99107
Ion Ratio Lower Upper
95 100
174 95.6 0.0 135.6
176 93.1 0.0 131.0

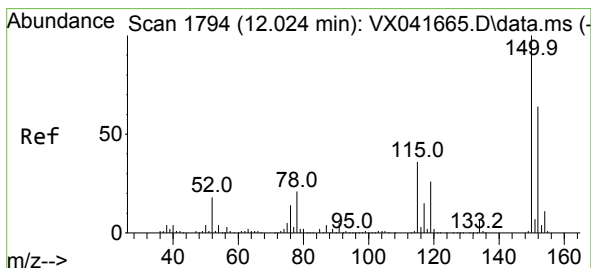
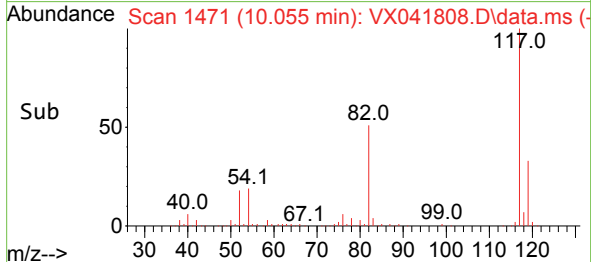
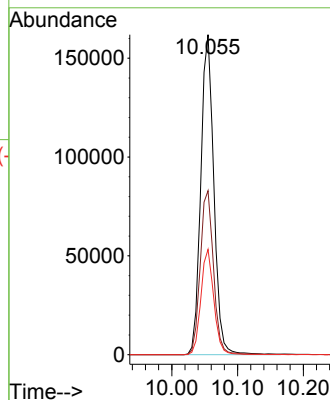
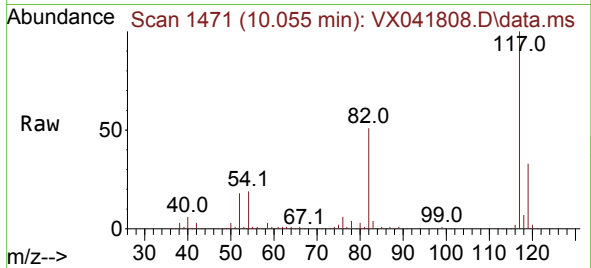




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

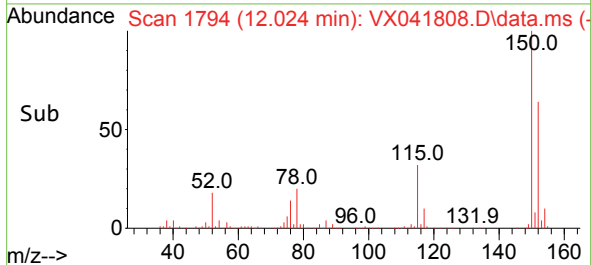
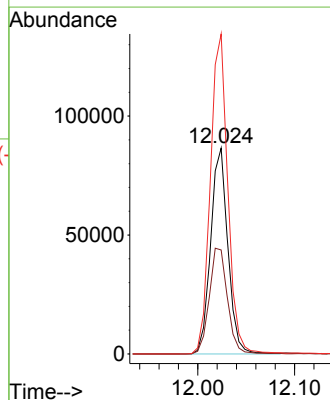
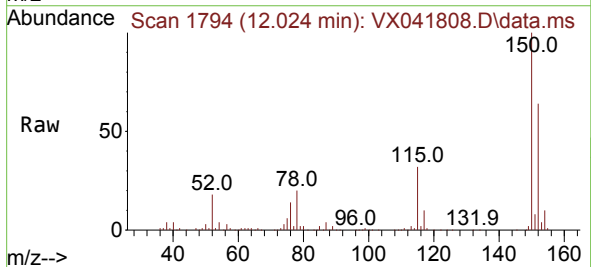
Instrument :
MSVOA_X
ClientSampleId :

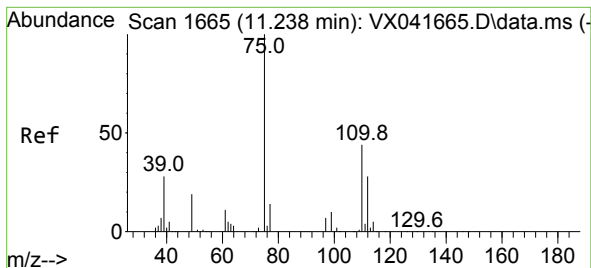
Tgt Ion:117 Resp: 223047
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041808.D
Acq: 10 Jun 2024 14:21

Tgt Ion:152 Resp: 107036
Ion Ratio Lower Upper
152 100
115 54.4 43.3 129.9
150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.874 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041808.D

Acq: 10 Jun 2024 14:21

Instrument :

MSVOA_X

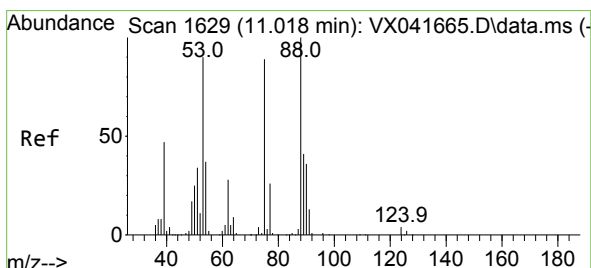
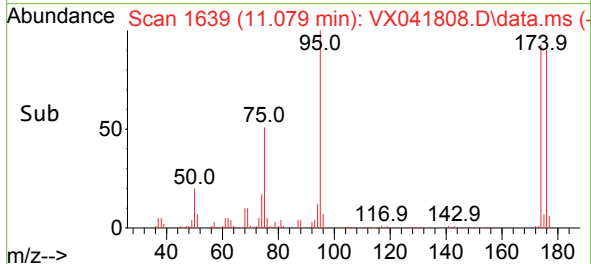
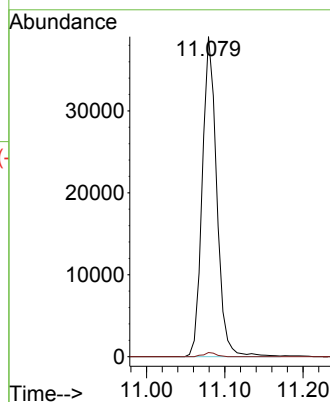
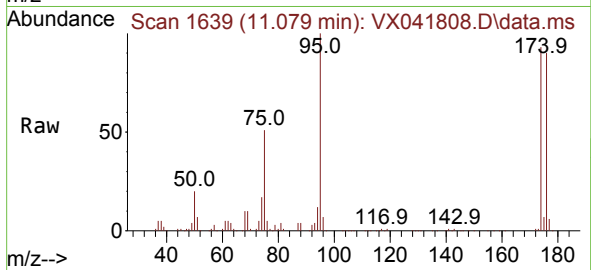
ClientSampleId :

Tgt Ion: 75 Resp: 50189

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.245 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041808.D

Acq: 10 Jun 2024 14:21

Tgt Ion: 75 Resp: 50189

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

