

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042964.D
 Acq On : 09 Aug 2024 01:48
 Operator : JC/MD
 Sample : VX0808WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBL02

Quant Time: Aug 09 05:47:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

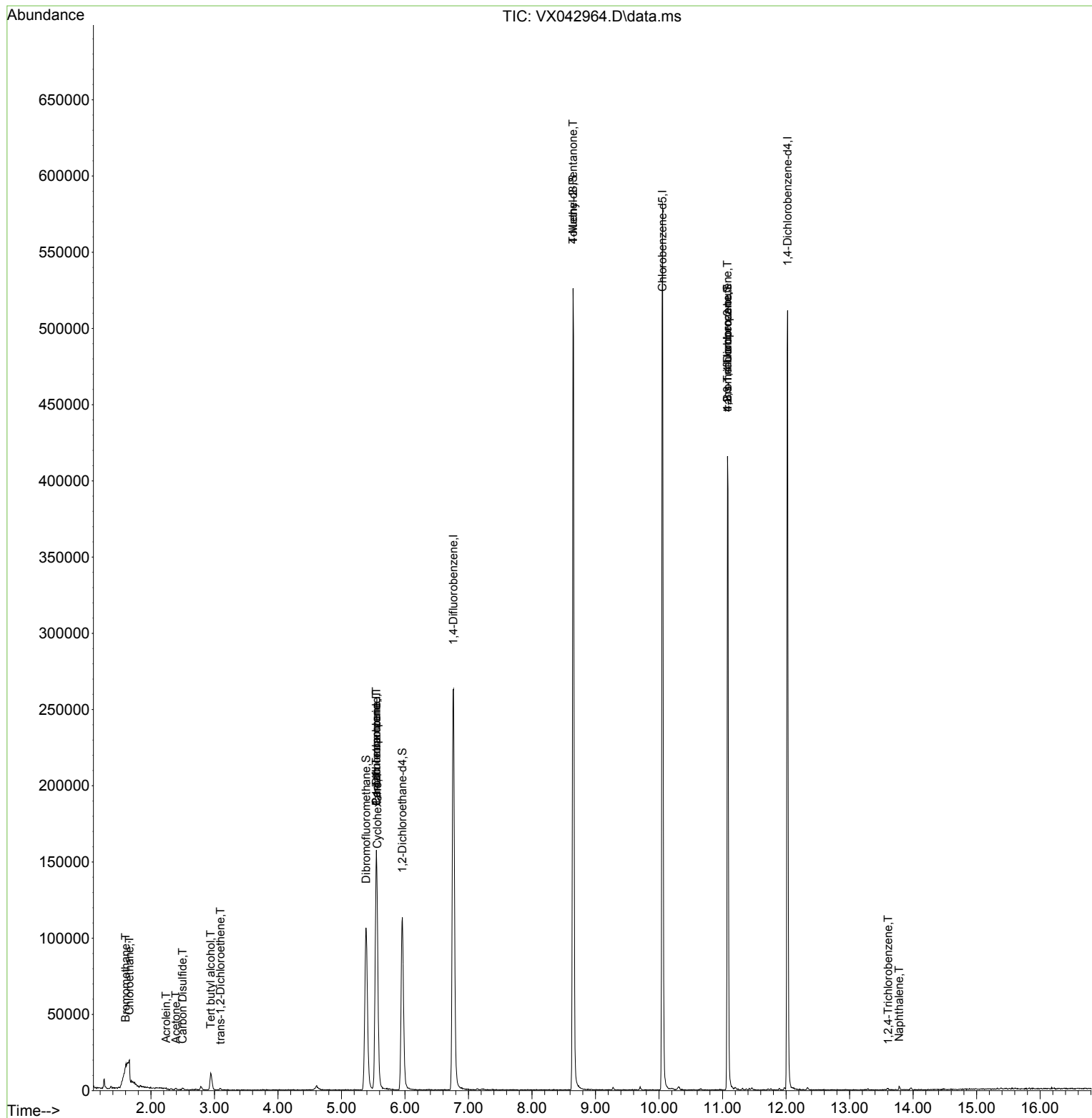
Internal Standards						
1) Pentafluorobenzene	5.549	168	150400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	282725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114393	55.404	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 110.800%		
35) Dibromofluoromethane	5.385	113	94903	51.338	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.680%		
50) Toluene-d8	8.646	98	325665	49.625	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.240%		
62) 4-Bromofluorobenzene	11.079	95	115848	49.125	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.240%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	807	0.796	ug/l	86
6) Chloroethane	1.660	64	231	0.242	ug/l #	44
11) Tert butyl alcohol	2.940	59	6401	15.586	ug/l #	80
13) Acrolein	2.239	56	260	0.642	ug/l #	61
16) Acetone	2.391	43	881	0.984	ug/l #	48
17) Carbon Disulfide	2.495	76	1508	0.374	ug/l	96
20) Methylene Chloride	2.782	84	1222	Below Cal	#	72
21) trans-1,2-Dichloroethene	3.093	96	336	0.201	ug/l #	78
31) Cyclohexane	5.562	56	3166	1.225	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	11595	4.626	ug/l #	51
38) Carbon Tetrachloride	5.549	117	15410	5.447	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	1435	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59518	24.114	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59518	78.406	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.609	180	608	0.272	ug/l #	69
95) Naphthalene	13.780	128	2062	0.267	ug/l #	90

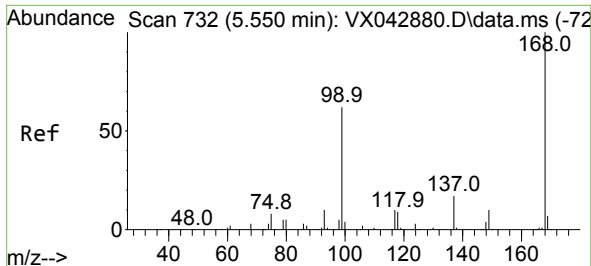
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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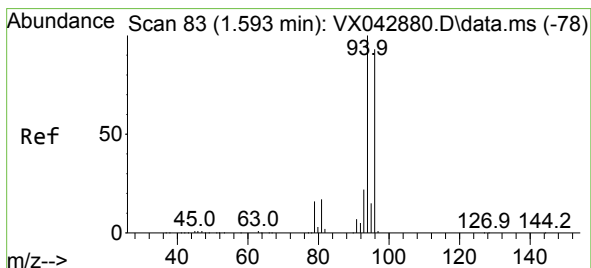
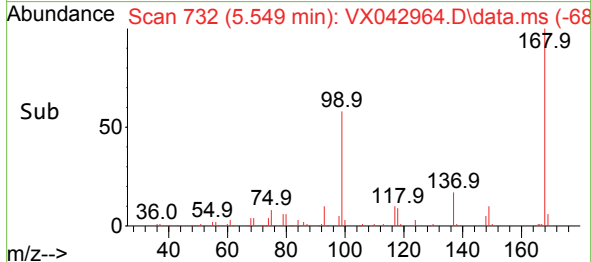
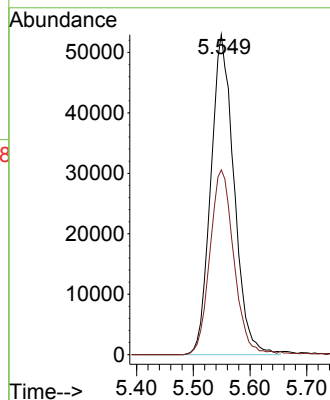
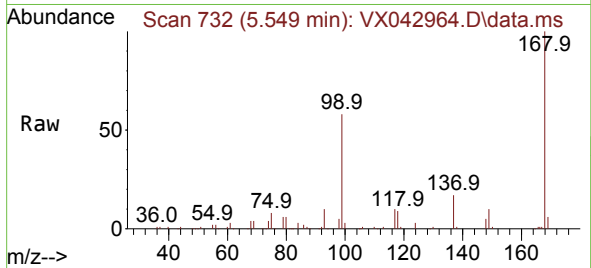




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

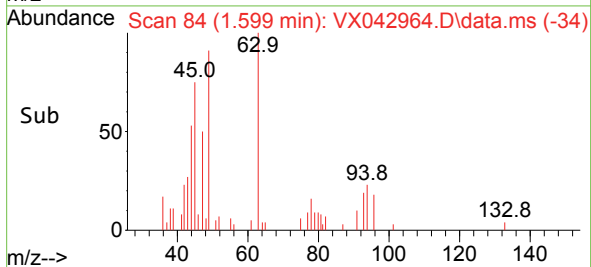
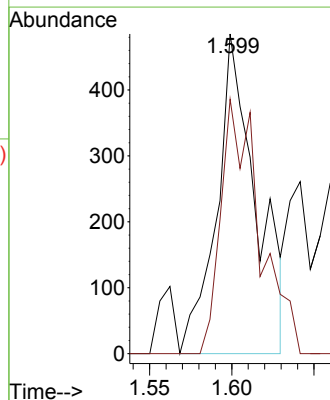
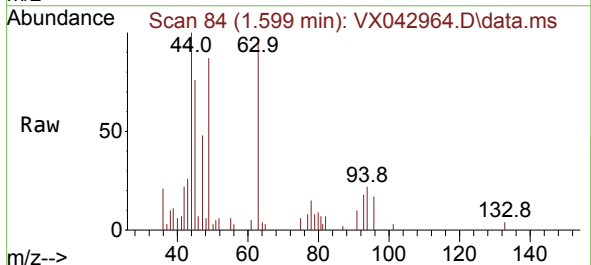
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL02

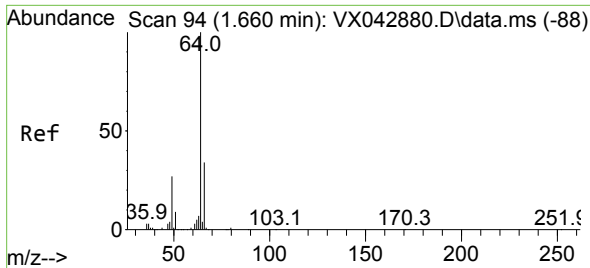
Tgt Ion:168 Resp: 150400
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#5
Bromomethane
Concen: 0.796 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 94 Resp: 807
Ion Ratio Lower Upper
94 100
96 79.6 74.6 111.8

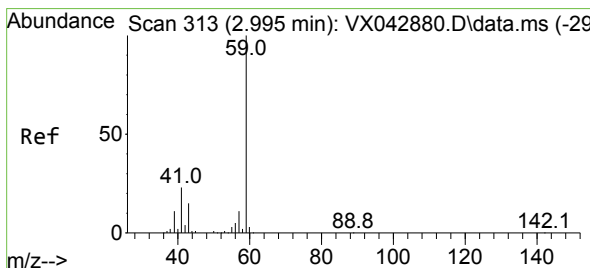
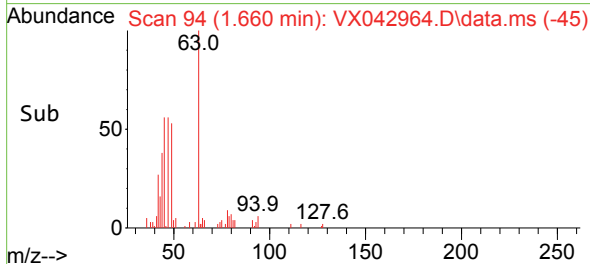
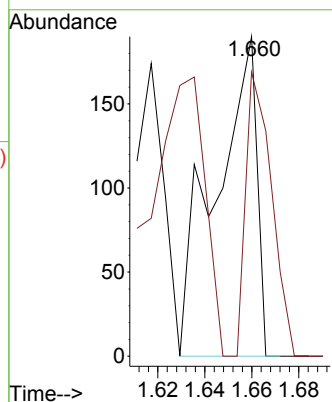
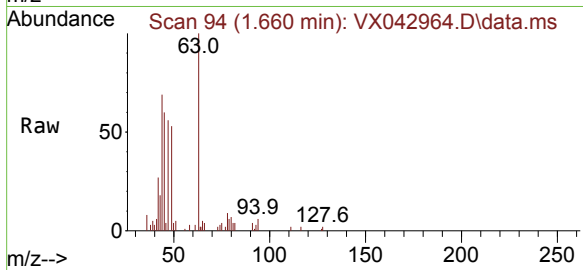




#6
Chloroethane
Concen: 0.242 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

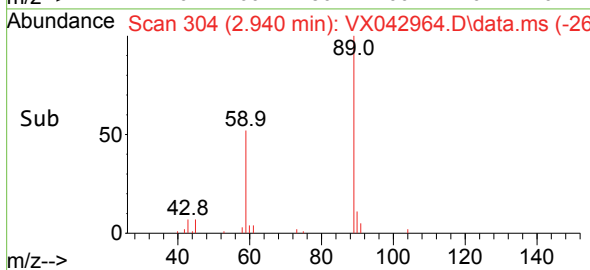
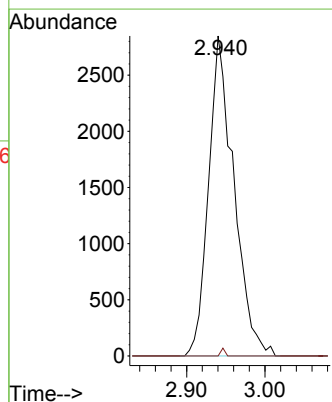
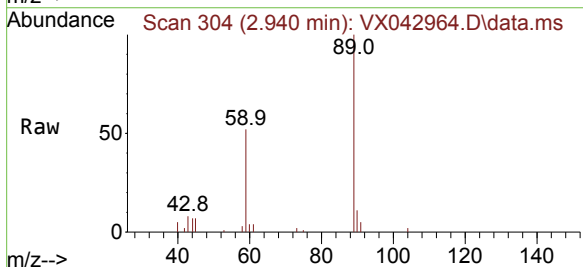
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL02

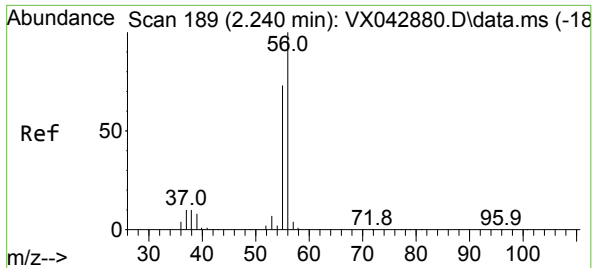
Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 62.6 25.1 37.7#



#11
Tert butyl alcohol
Concen: 15.586 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 59 Resp: 6401
Ion Ratio Lower Upper
59 100
57 0.4 6.0 9.0#

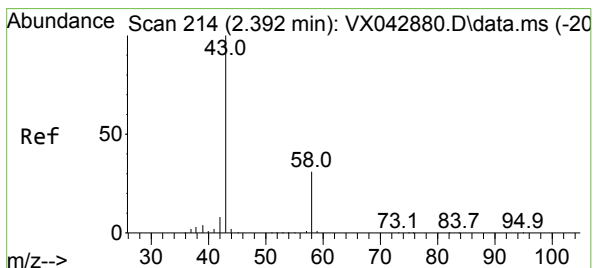
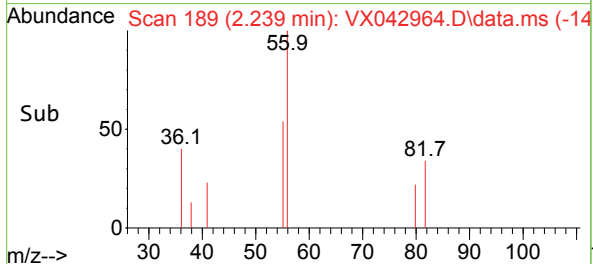
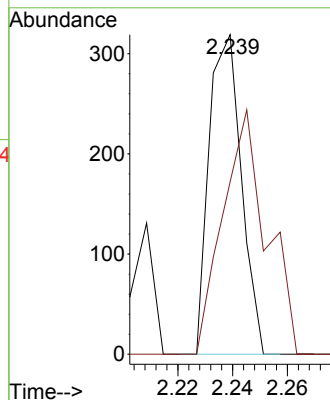
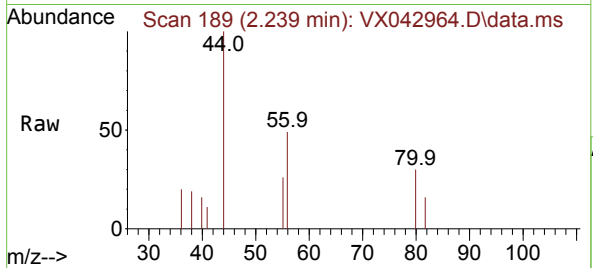




#13
Acrolein
Concen: 0.642 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

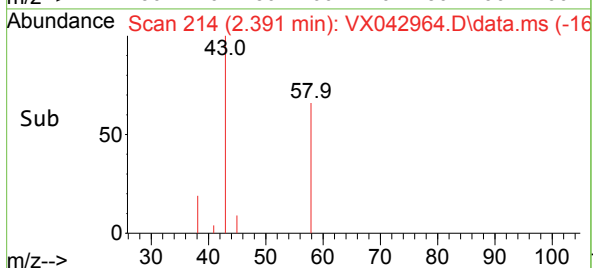
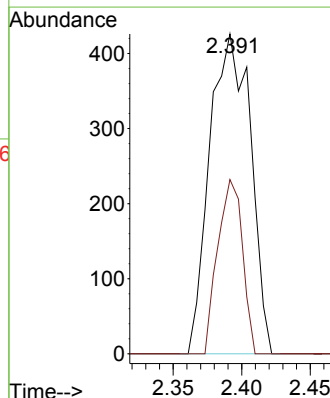
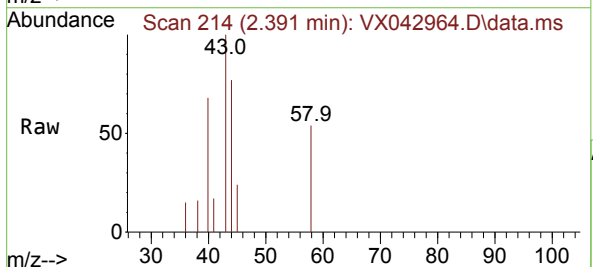
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL02

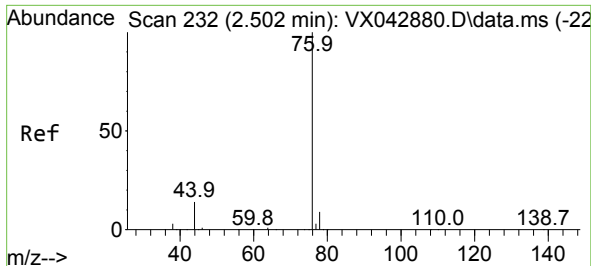
Tgt Ion: 56 Resp: 260
Ion Ratio Lower Upper
56 100
55 103.8 57.1 85.7#



#16
Acetone
Concen: 0.984 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 54.5 21.9 32.9#

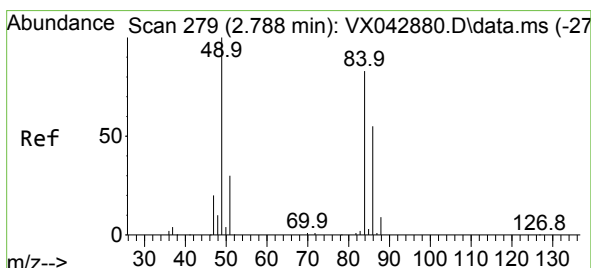
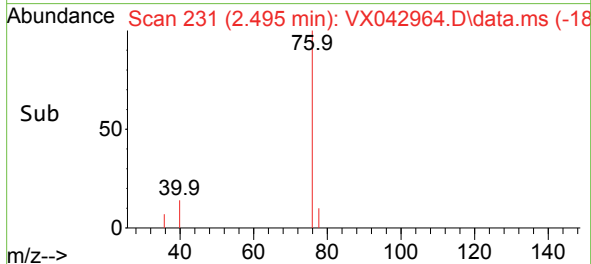
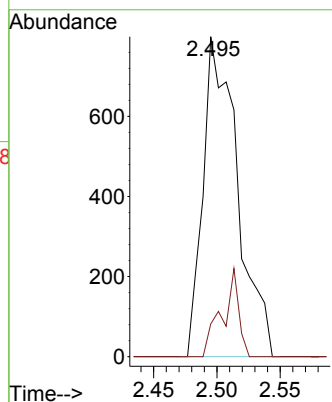
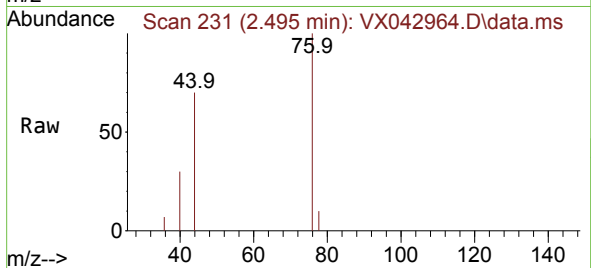




#17
Carbon Disulfide
Concen: 0.374 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

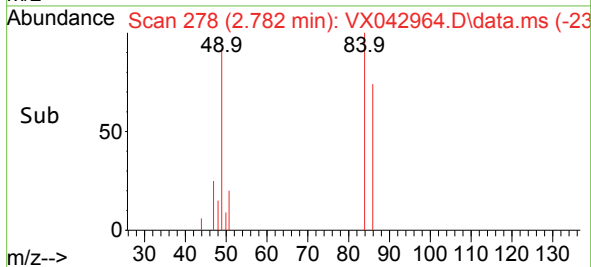
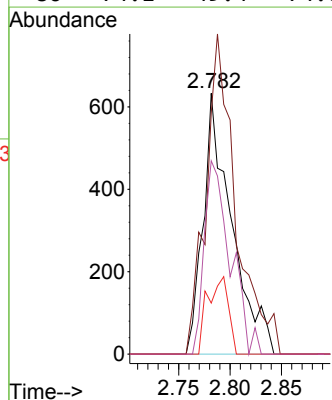
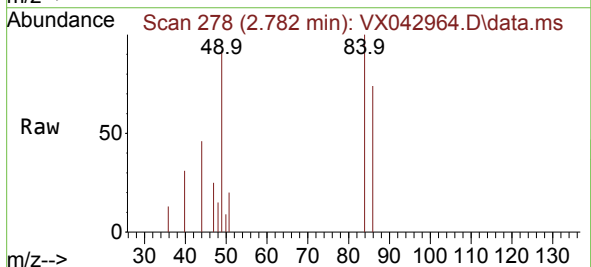
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL02

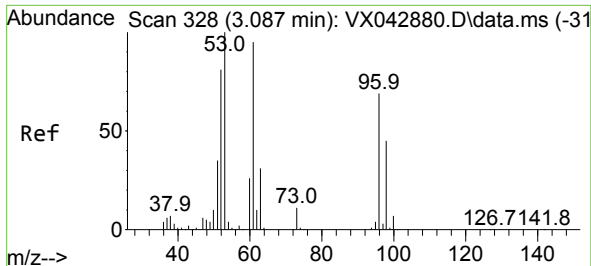
Tgt Ion: 76 Resp: 1508
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 84 Resp: 1222
Ion Ratio Lower Upper
84 100
49 92.4 103.6 155.4#
51 19.6 33.8 50.6#
86 74.1 49.4 74.0#

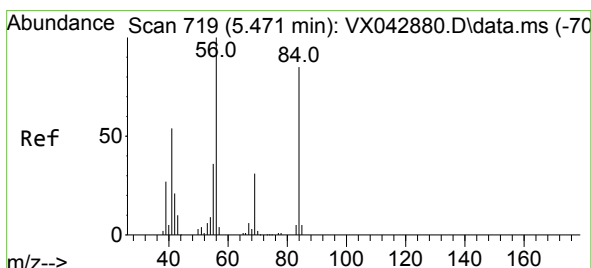
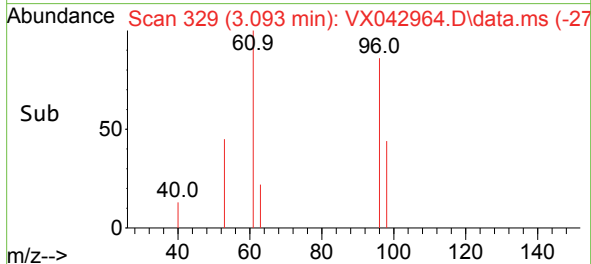
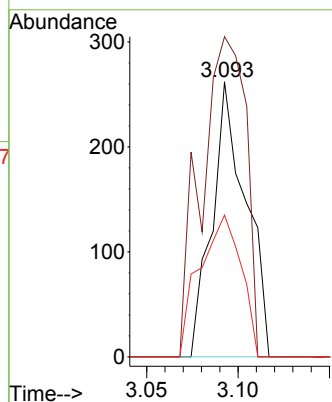
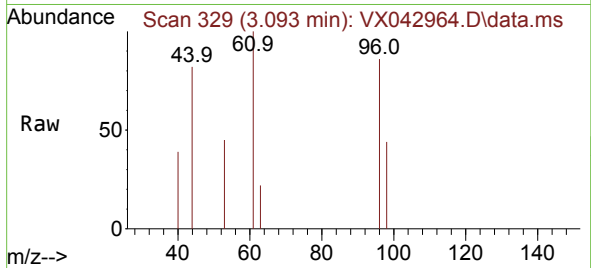




#21
trans-1,2-Dichloroethene
Concen: 0.201 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

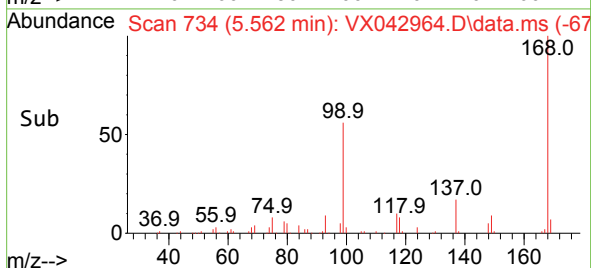
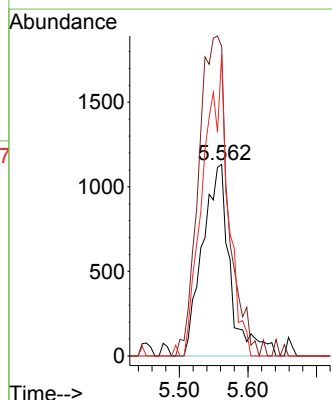
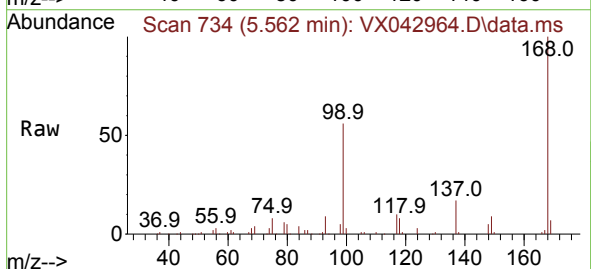
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL02

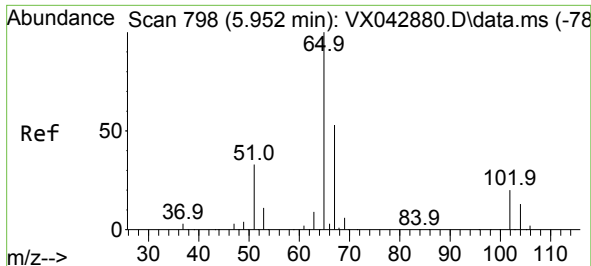
Tgt Ion: 96 Resp: 336
Ion Ratio Lower Upper
96 100
61 116.4 119.2 178.8#
98 51.5 48.7 73.1



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 56 Resp: 3166
Ion Ratio Lower Upper
56 100
69 161.7 23.4 35.2#
84 157.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 55.404 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Instrument :

MSVOA_X

ClientSampleId :

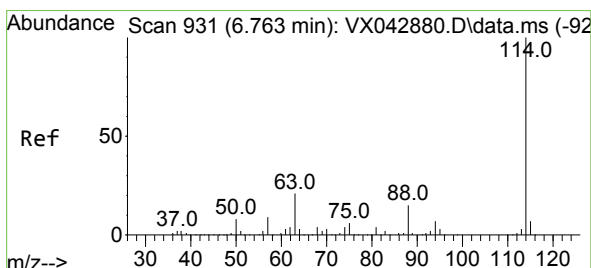
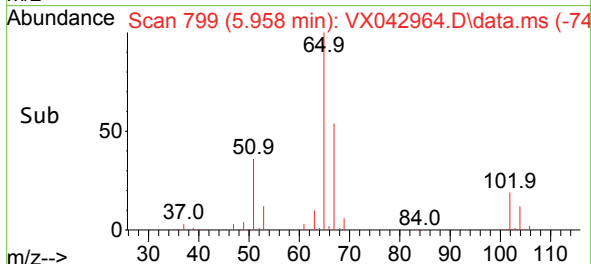
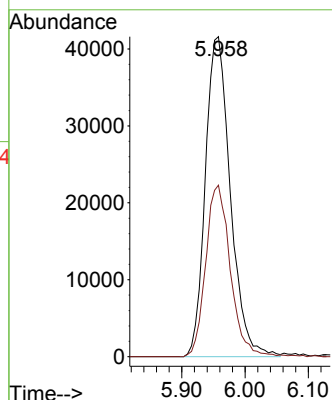
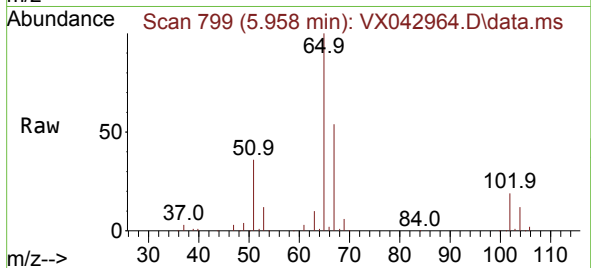
VX0808WBL02

Tgt Ion: 65 Resp: 114393

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

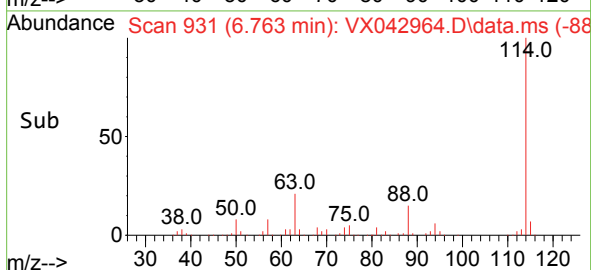
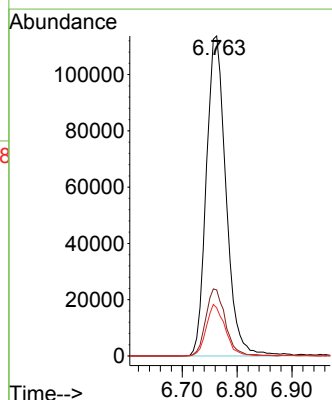
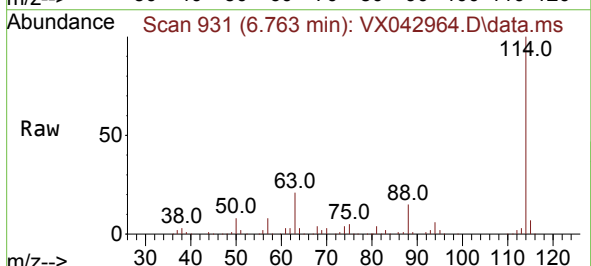
Tgt Ion: 114 Resp: 282725

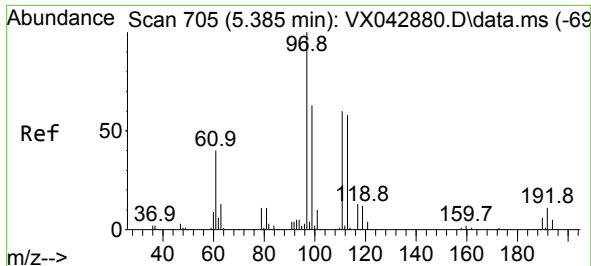
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 15.0 0.0 36.6

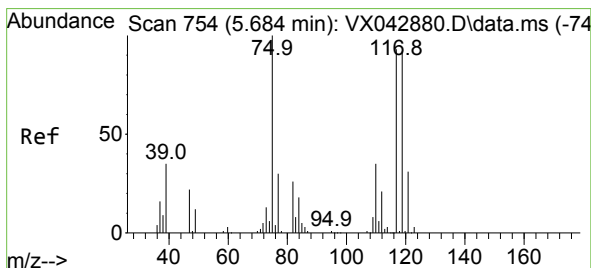
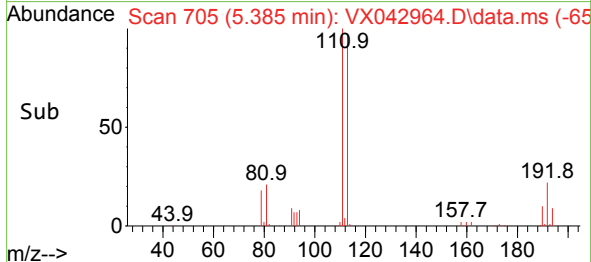
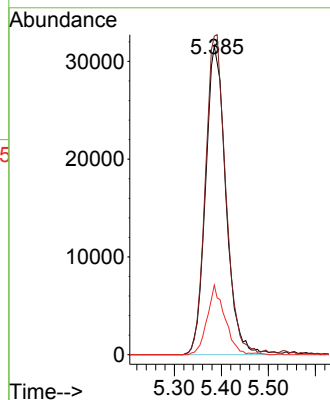
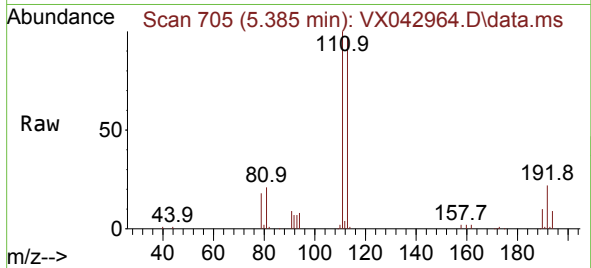




#35
Dibromofluoromethane
Concen: 51.338 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

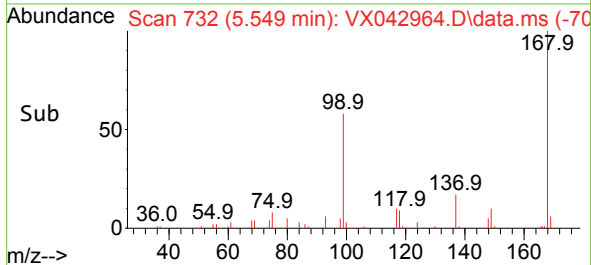
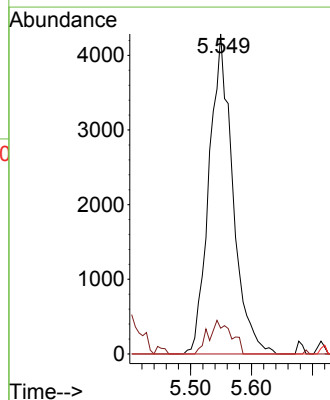
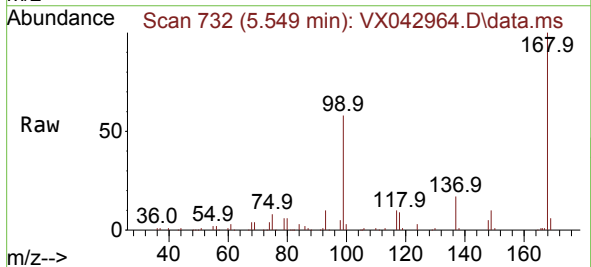
Instrument :
MSVOA_X
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VX0808WBL02

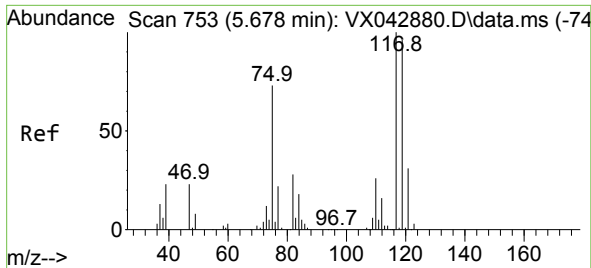
Tgt Ion:113 Resp: 94903
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 19.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.135 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

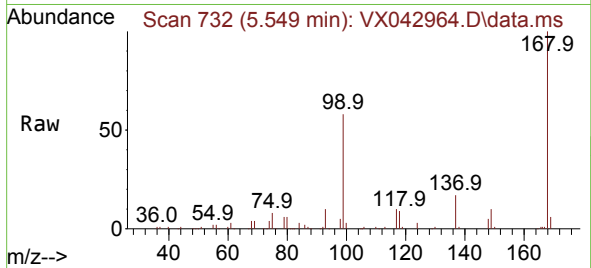
Tgt Ion: 75 Resp: 11595
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



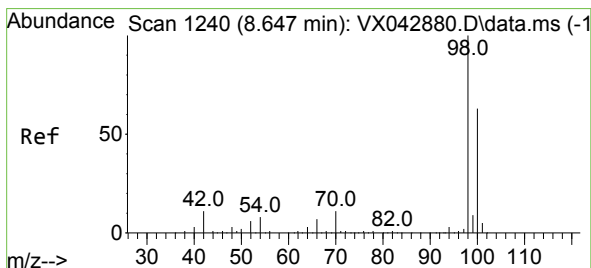
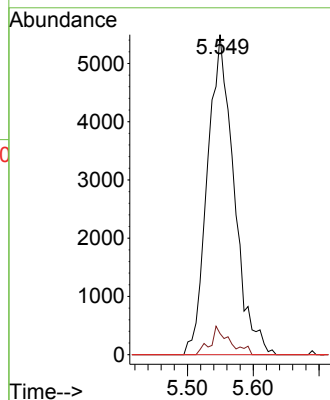
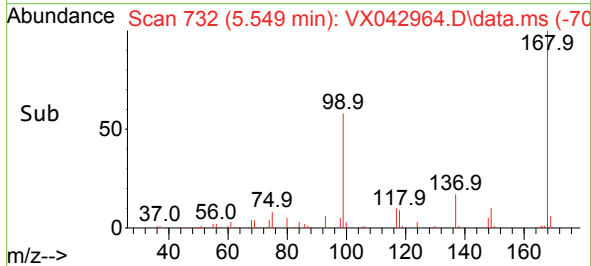


#38
Carbon Tetrachloride
Concen: 5.447 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL02

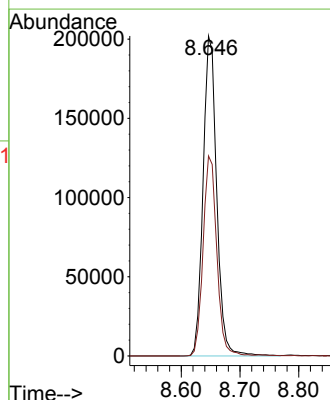
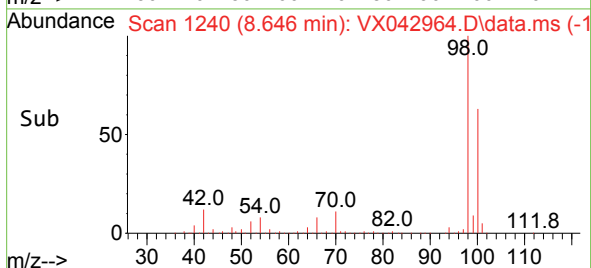
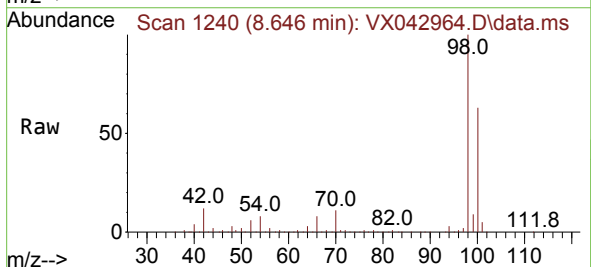


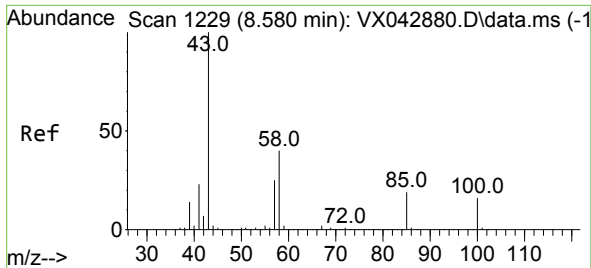
Tgt Ion:117 Resp: 15410
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.625 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 98 Resp: 325665
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

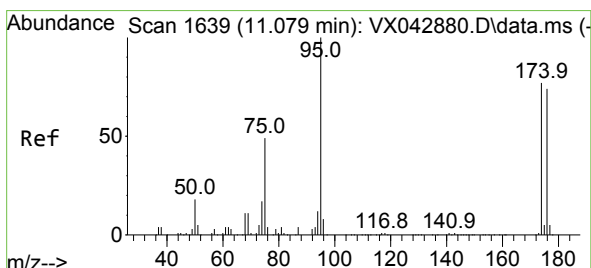
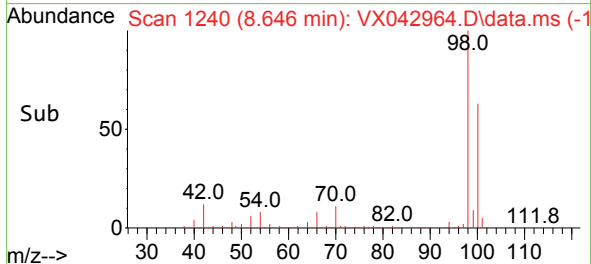
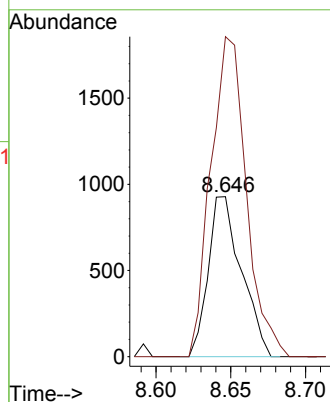
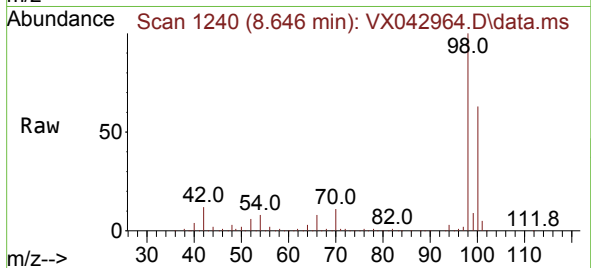




#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

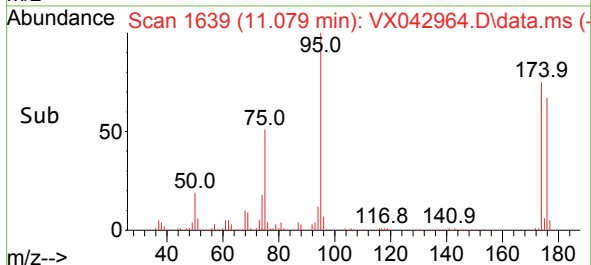
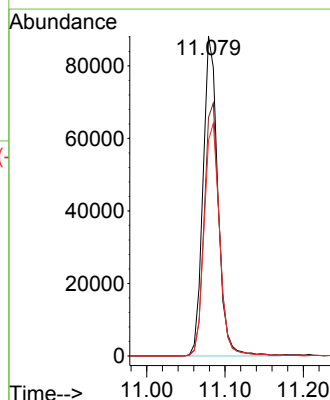
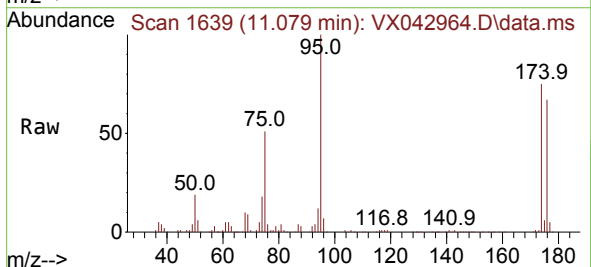
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL02

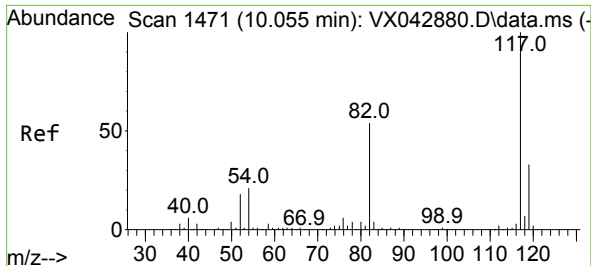
Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
58 213.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 95 Resp: 115848
Ion Ratio Lower Upper
95 100
174 80.8 0.0 135.6
176 76.2 0.0 131.0

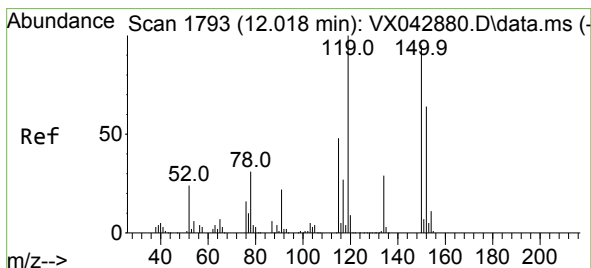
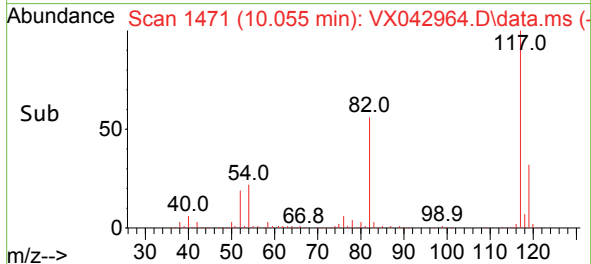
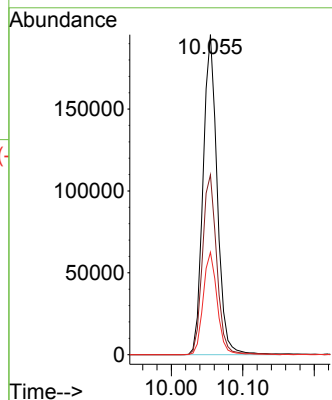
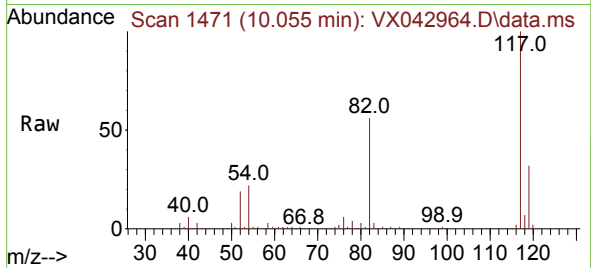




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

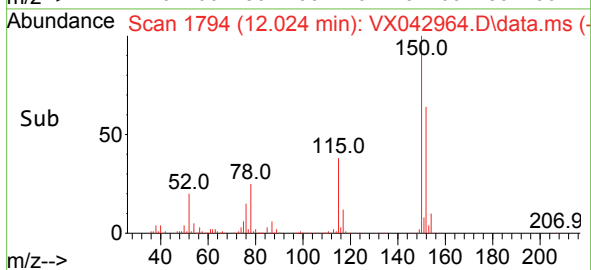
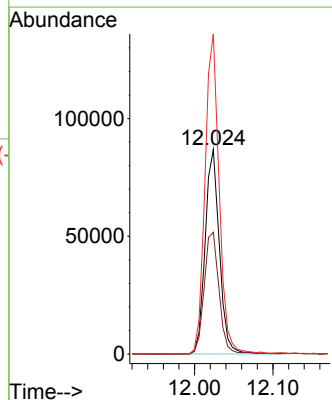
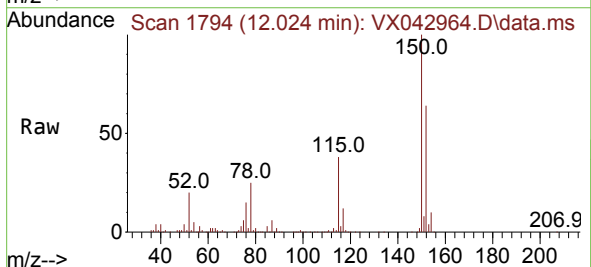
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL02

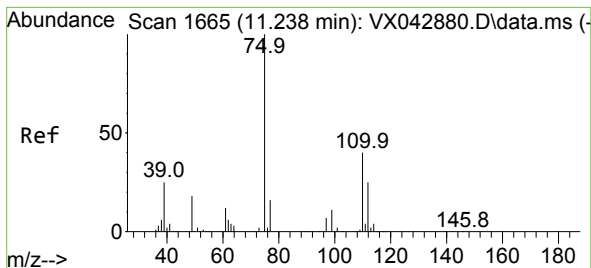
Tgt Ion:117 Resp: 268240
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion:152 Resp: 109749
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 155.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.114 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Instrument :

MSVOA_X

ClientSampleId :

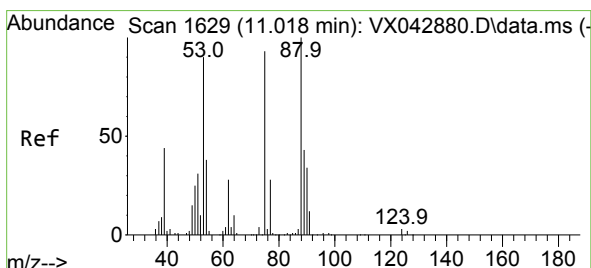
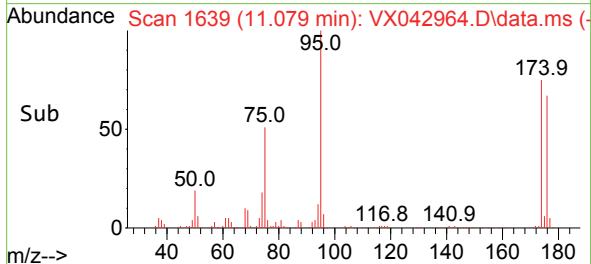
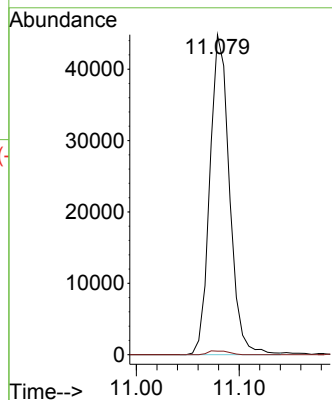
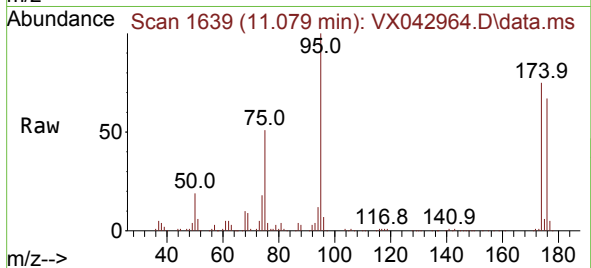
VX0808WBL02

Tgt Ion: 75 Resp: 59518

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.406 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

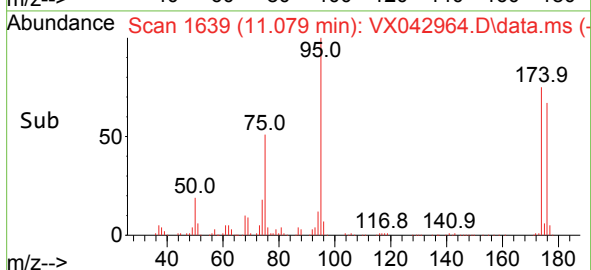
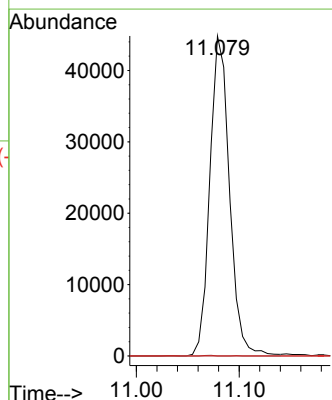
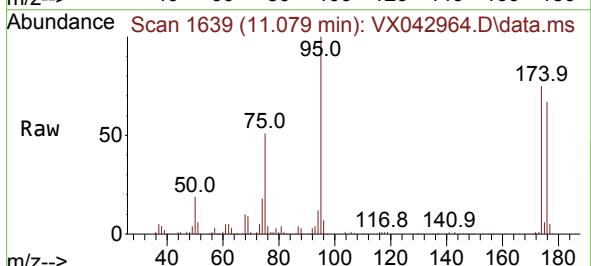
Tgt Ion: 75 Resp: 59518

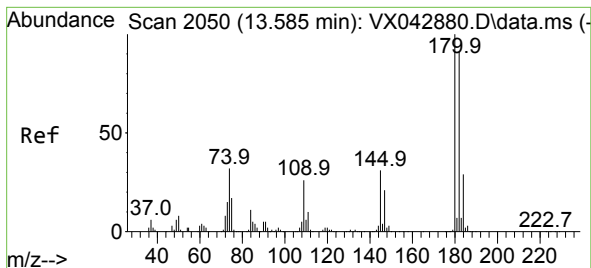
Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.272 ug/l

RT: 13.609 min Scan# 2054

Delta R.T. 0.024 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBL02

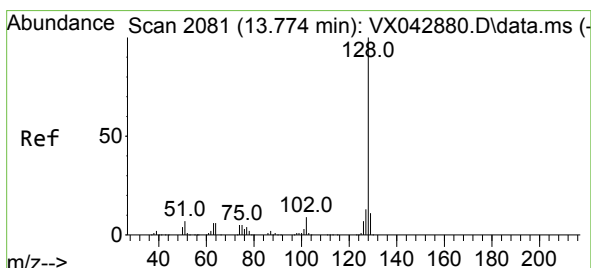
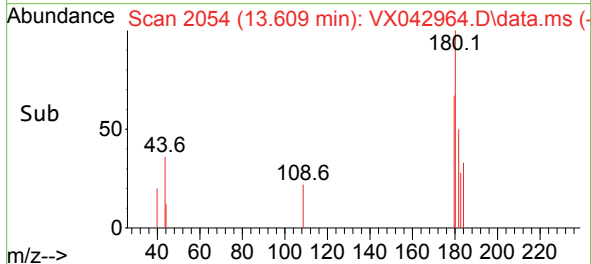
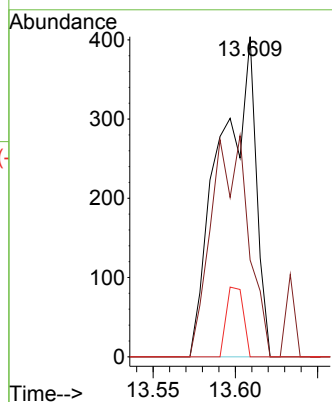
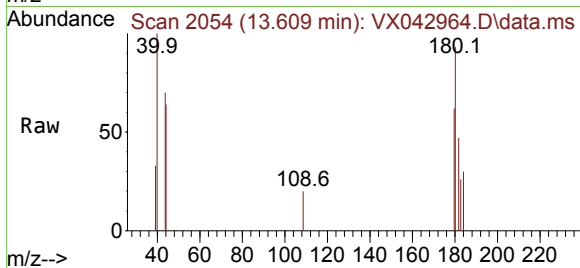
Tgt Ion:180 Resp: 608

Ion Ratio Lower Upper

180 100

182 71.2 48.3 144.8

145 10.4 18.0 54.0#



#95

Naphthalene

Concen: 0.267 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Tgt Ion:128 Resp: 2062

Ion Ratio Lower Upper

128 100

127 10.9 10.3 15.5

129 5.2 8.8 13.2#

