

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041724.D
 Acq On : 04 Jun 2024 10:48
 Operator : JC/MD
 Sample : VX0604WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:52:46 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)

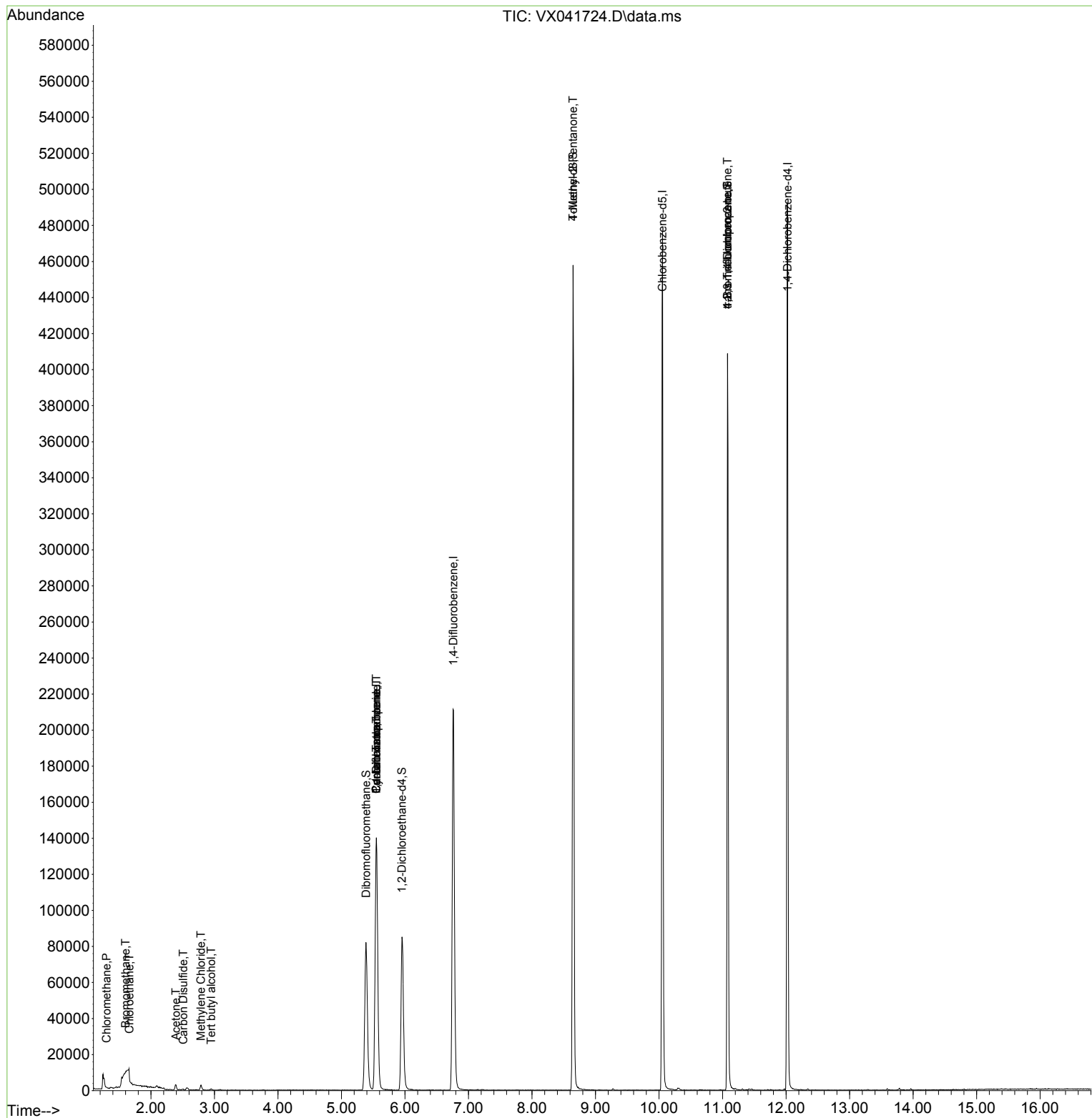
Internal Standards						
1) Pentafluorobenzene	5.550	168	147456	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	226761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84779	46.878	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.760%		
35) Dibromofluoromethane	5.385	113	70450	44.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.880%		
50) Toluene-d8	8.647	98	264910	48.358	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.720%		
62) 4-Bromofluorobenzene	11.079	95	101264	50.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.160%		
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	350	0.248	ug/l	# 86
5) Bromomethane	1.599	94	342	0.337	ug/l	# 62
6) Chloroethane	1.660	64	358	0.407	ug/l	# 43
11) Tert butyl alcohol	2.947	59	441	1.378	ug/l	# 78
16) Acetone	2.392	43	3401	1.594	ug/l	90
17) Carbon Disulfide	2.508	76	678	0.233	ug/l	# 76
20) Methylene Chloride	2.788	84	1460	0.902	ug/l	# 85
31) Cyclohexane	5.550	56	2840	1.330	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9543	5.027	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	13189	6.115	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1204	0.513	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	51387	26.222	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	51387	71.468	ug/l	# 5

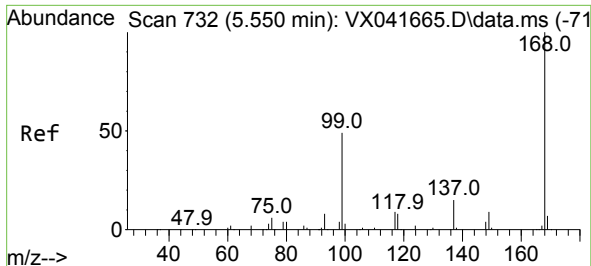
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX041724.D

Acq: 04 Jun 2024 10:48

Instrument :

MSVOA_X

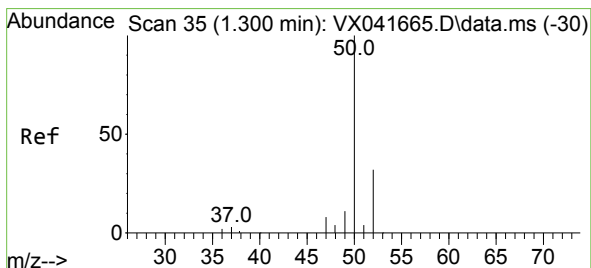
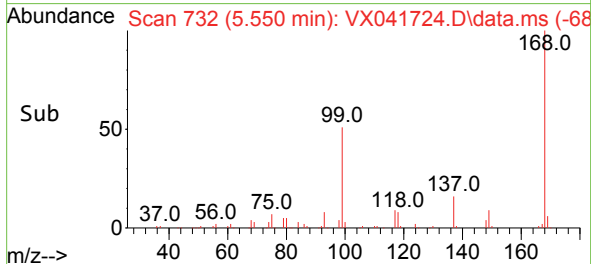
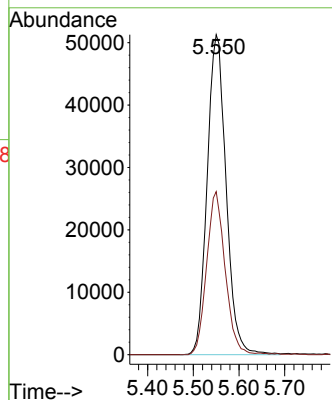
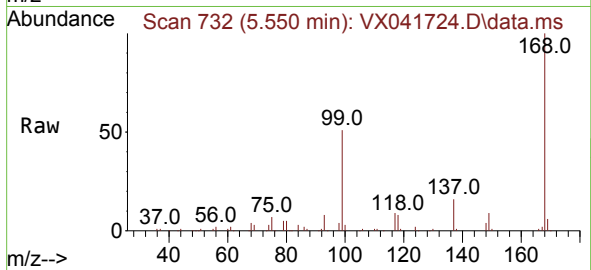
ClientSampleId :

Tgt Ion:168 Resp: 147456

Ion Ratio Lower Upper

168 100

99 50.9 56.6 85.0#



#3

Chloromethane

Concen: 0.248 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX041724.D

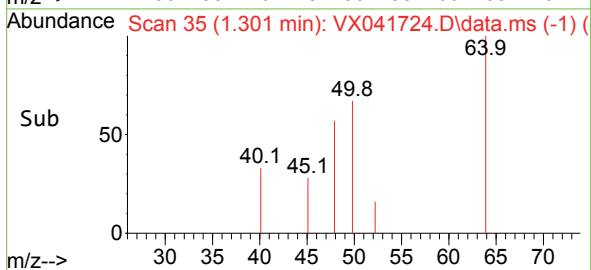
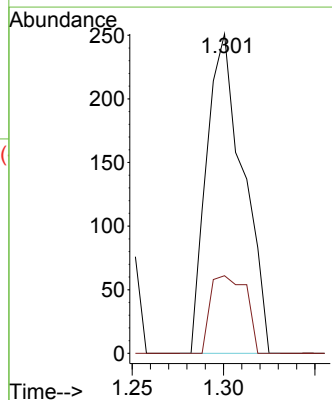
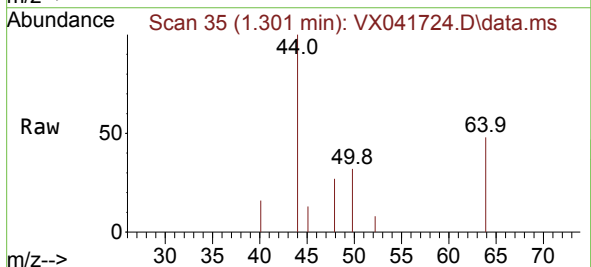
Acq: 04 Jun 2024 10:48

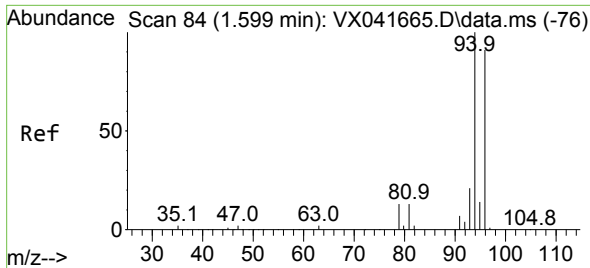
Tgt Ion: 50 Resp: 350

Ion Ratio Lower Upper

50 100

52 24.3 25.5 38.3#

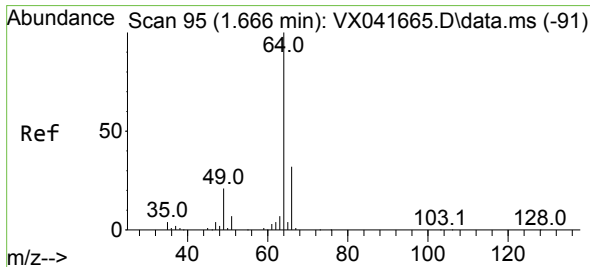
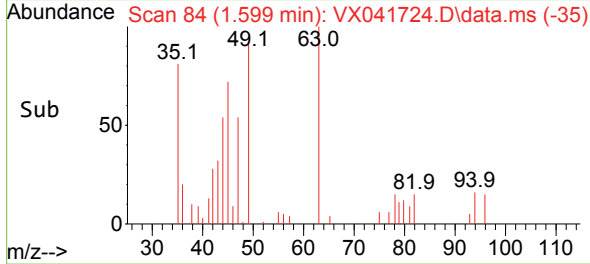
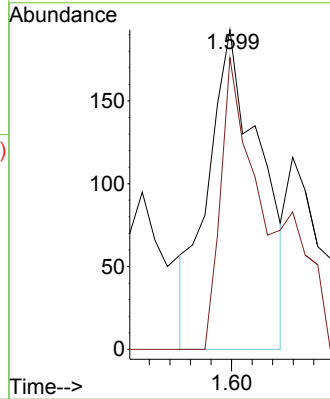
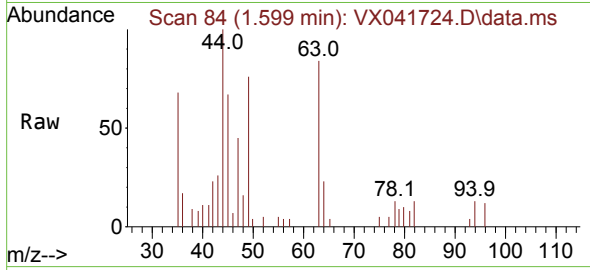




#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

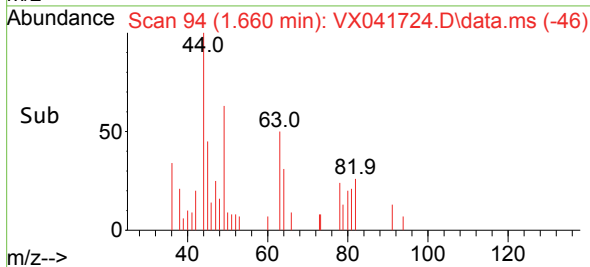
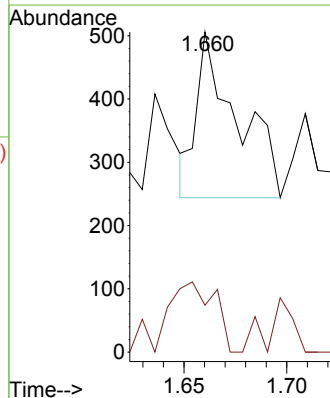
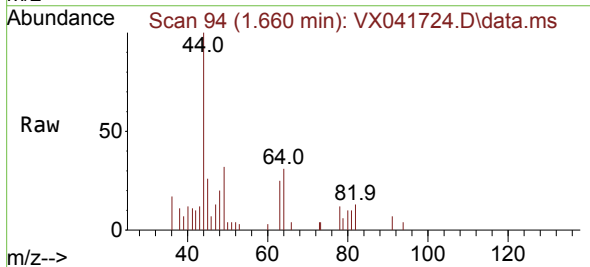
Instrument :
MSVOA_X
ClientSampleId :

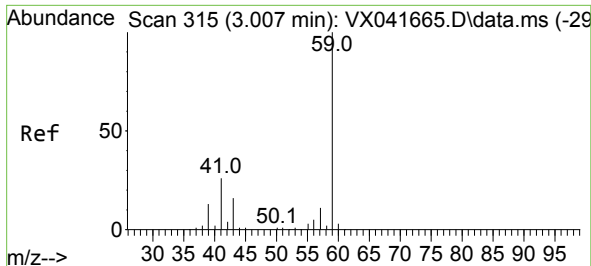
Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 129.4 74.6 111.8#



#6
Chloroethane
Concen: 0.407 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

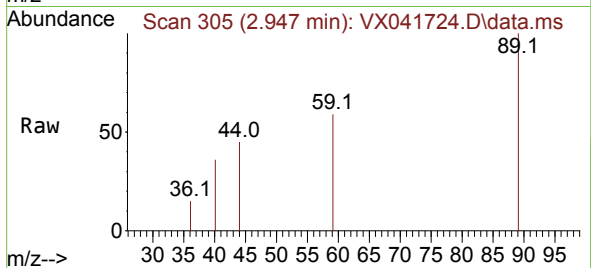
Tgt Ion: 64 Resp: 358
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



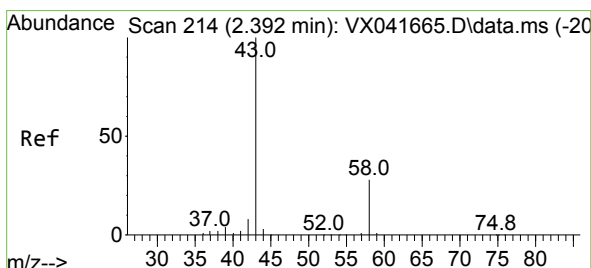
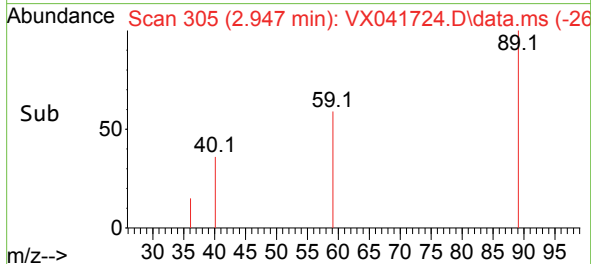
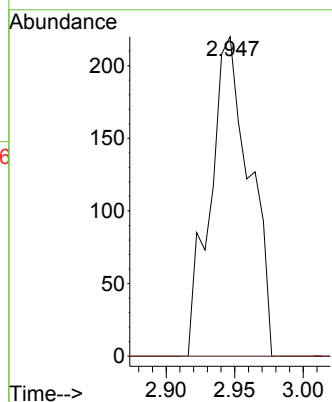


#11
Tert butyl alcohol
Concen: 1.378 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

Instrument :
MSVOA_X
ClientSampleId :

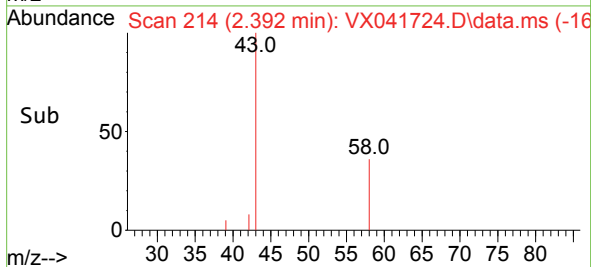
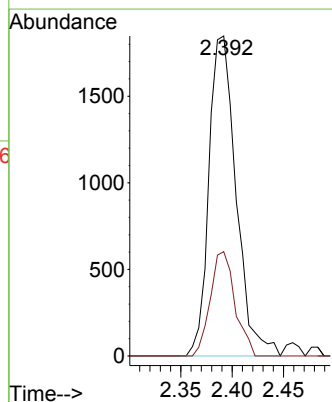
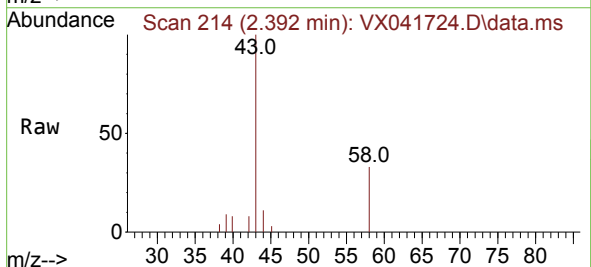


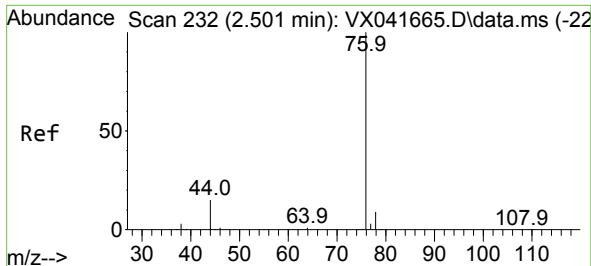
Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.594 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

Tgt Ion: 43 Resp: 3401
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9





#17

Carbon Disulfide

Concen: 0.233 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

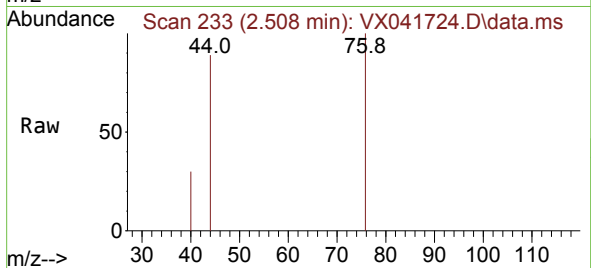
Lab File: VX041724.D

Acq: 04 Jun 2024 10:48

Instrument :

MSVOA_X

ClientSampleId :

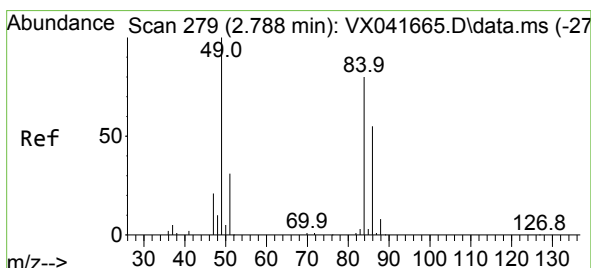
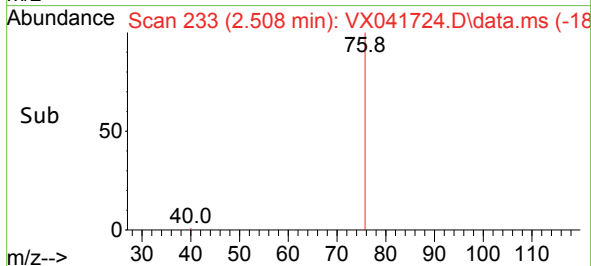
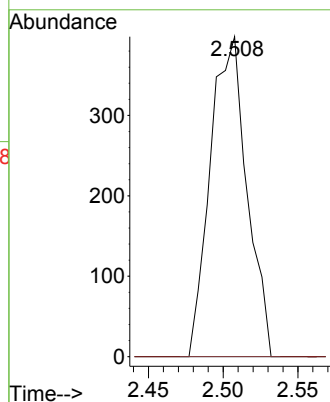


Tgt Ion: 76 Resp: 678

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.902 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041724.D

Acq: 04 Jun 2024 10:48

Tgt Ion: 84 Resp: 1460

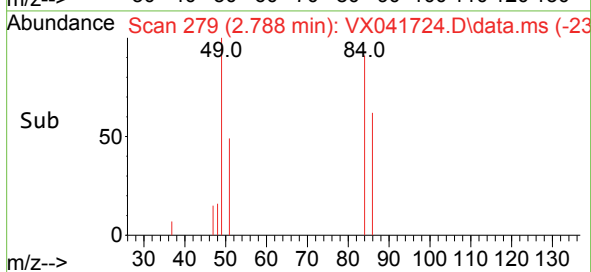
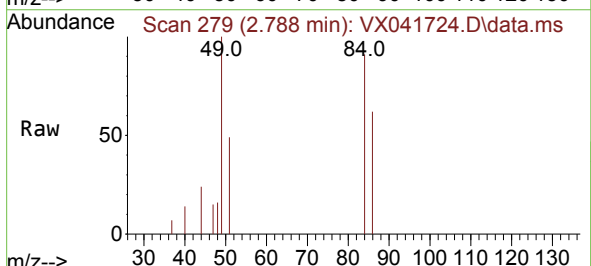
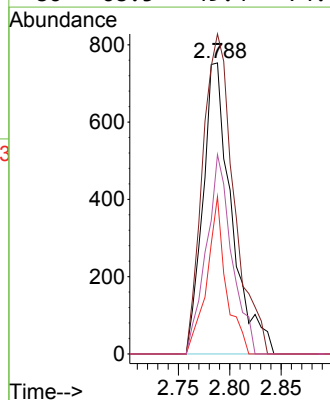
Ion Ratio Lower Upper

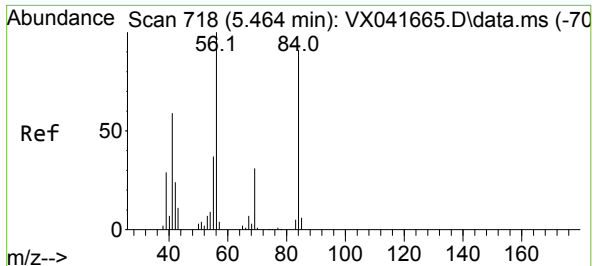
84 100

49 110.0 103.6 155.4

51 54.1 33.8 50.6#

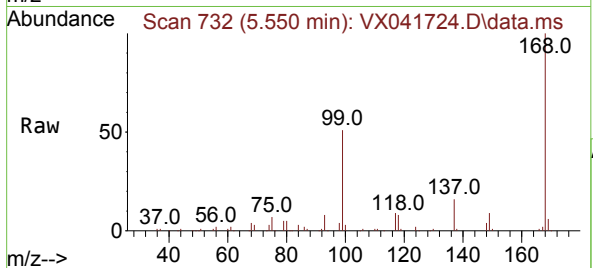
86 68.5 49.4 74.0



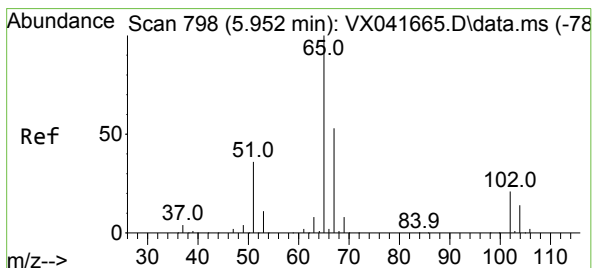
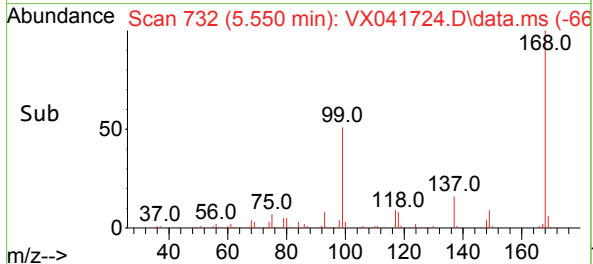
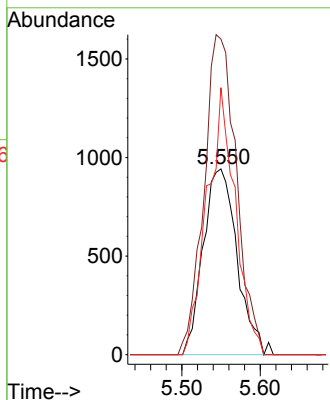


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

Instrument :
MSVOA_X
ClientSampleId :

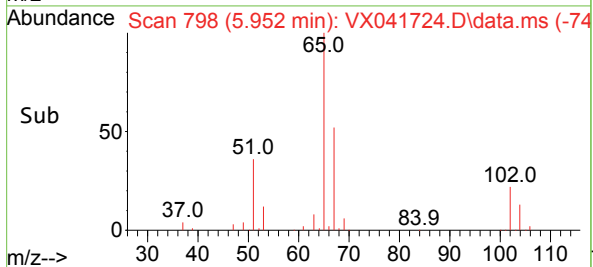
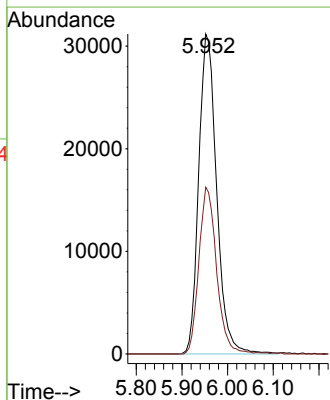
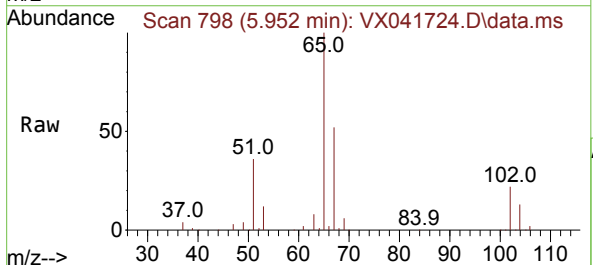


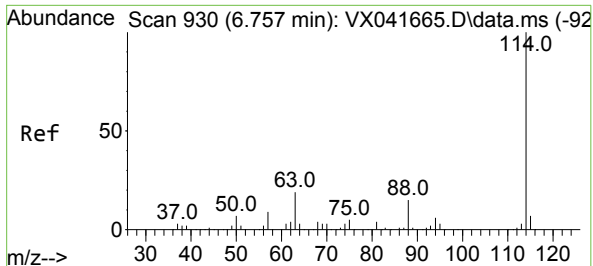
Tgt Ion: 56 Resp: 2840
Ion Ratio Lower Upper
56 100
69 170.0 23.4 35.2#
84 143.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.878 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

Tgt Ion: 65 Resp: 84779
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX041724.D

Acq: 04 Jun 2024 10:48

Instrument :

MSVOA_X

ClientSampleId :

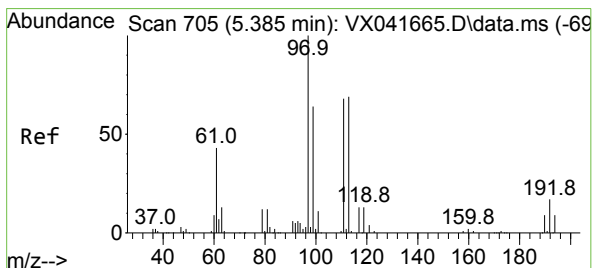
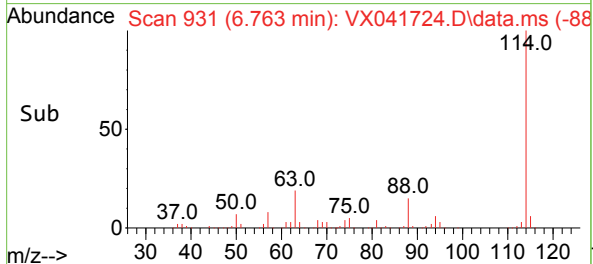
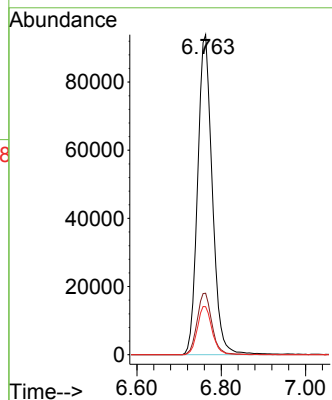
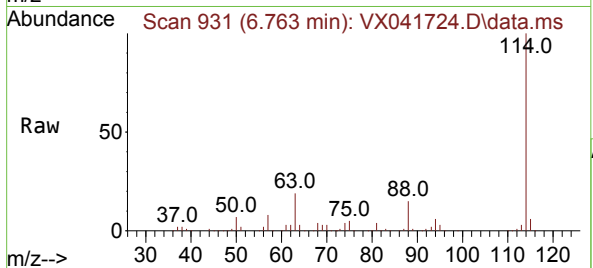
Tgt Ion:114 Resp: 226761

Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.0 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.935 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041724.D

Acq: 04 Jun 2024 10:48

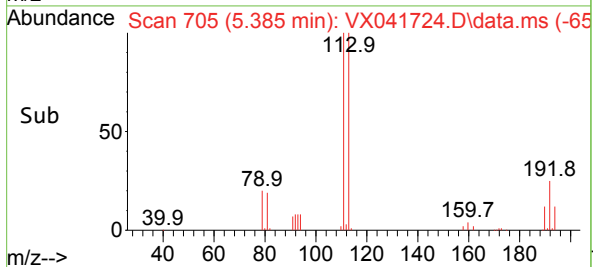
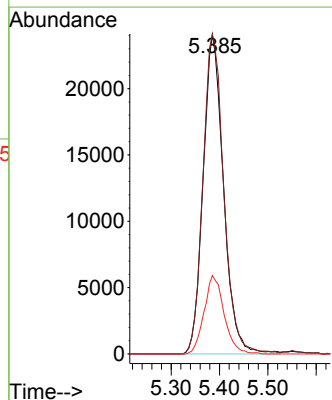
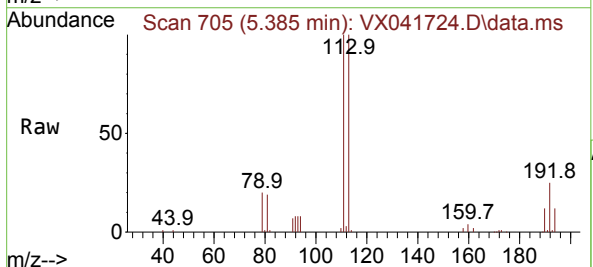
Tgt Ion:113 Resp: 70450

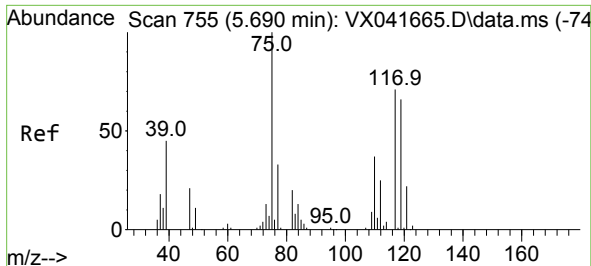
Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 24.1 13.3 19.9#

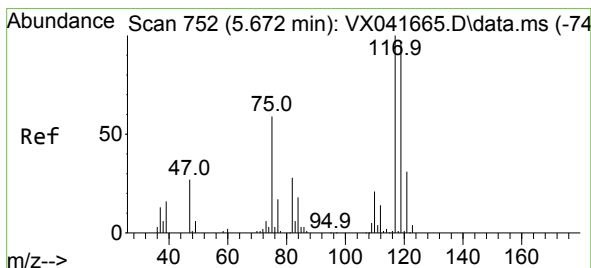
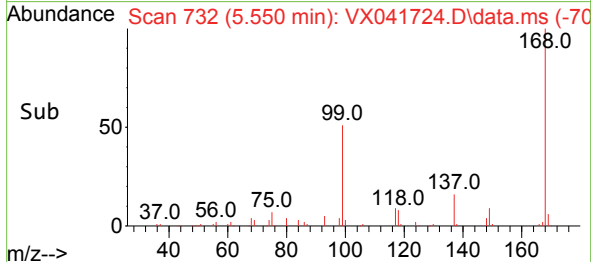
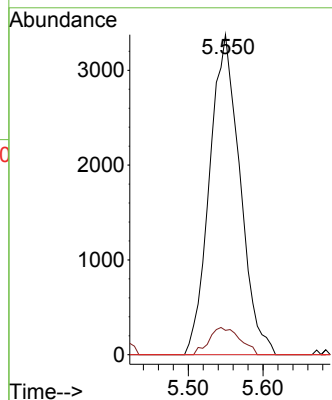
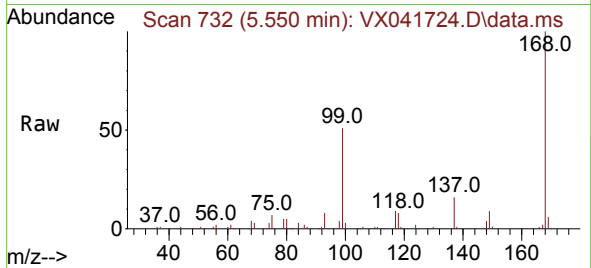




#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

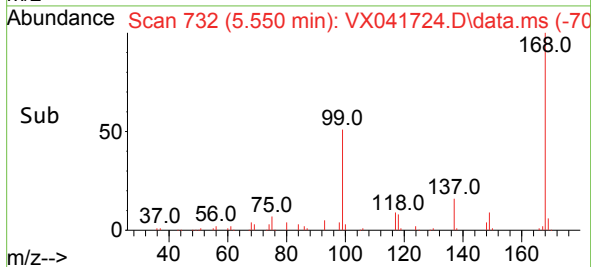
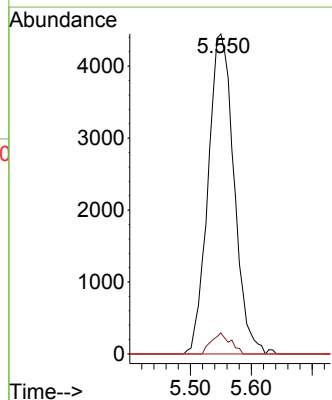
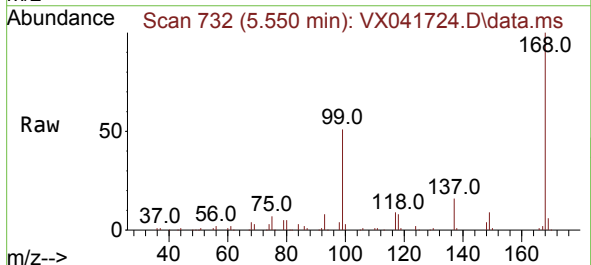
Instrument :
MSVOA_X
ClientSampleId :

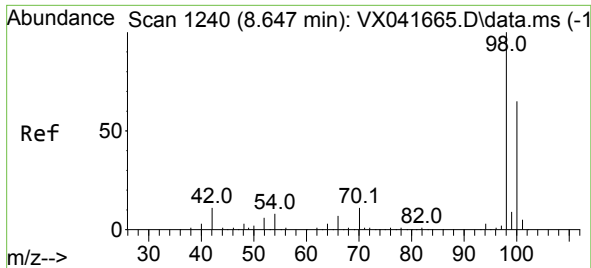
Tgt Ion: 75 Resp: 9543
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.115 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

Tgt Ion: 117 Resp: 13189
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#

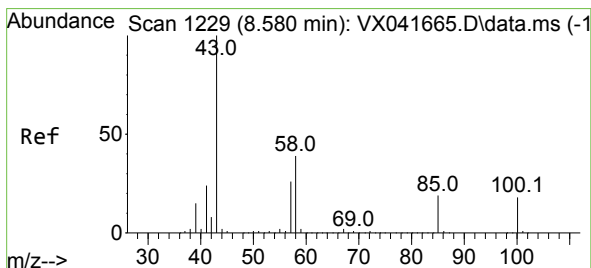
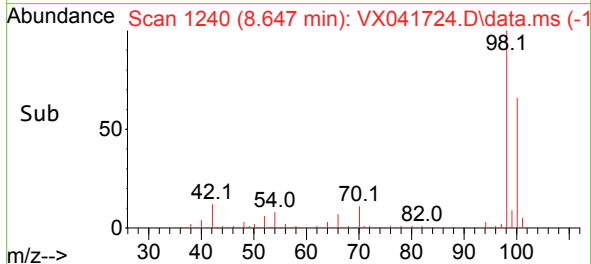
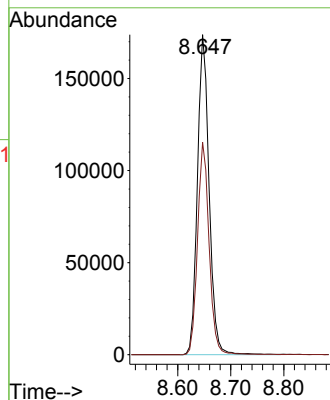
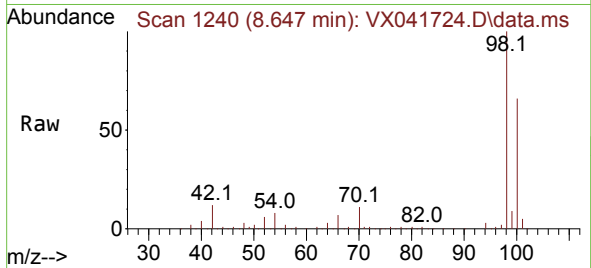




#50
Toluene-d8
Concen: 48.358 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

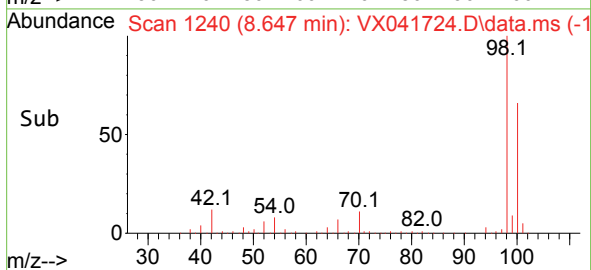
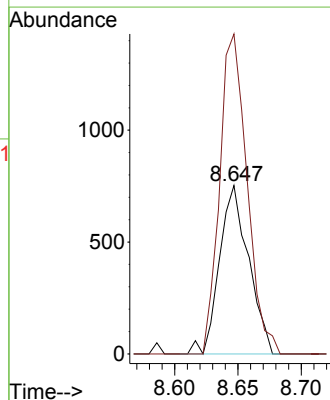
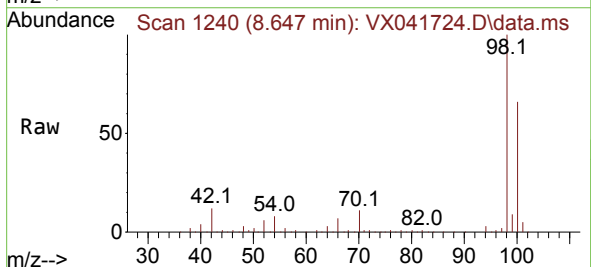
Instrument :
MSVOA_X
ClientSampleId :

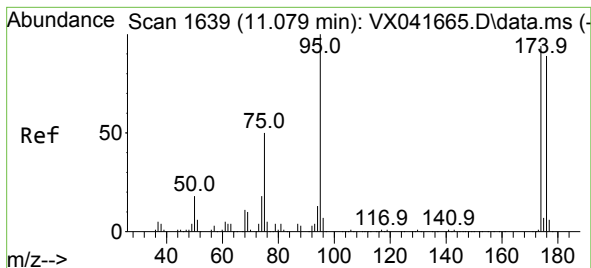
Tgt Ion: 98 Resp: 264910
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
58 178.7 30.4 45.6#

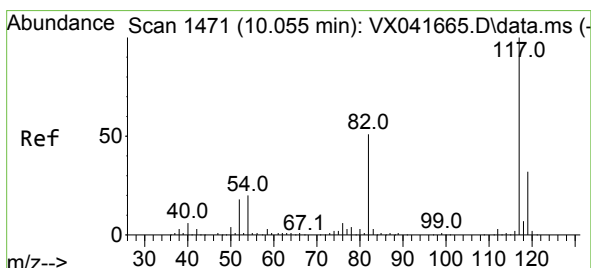
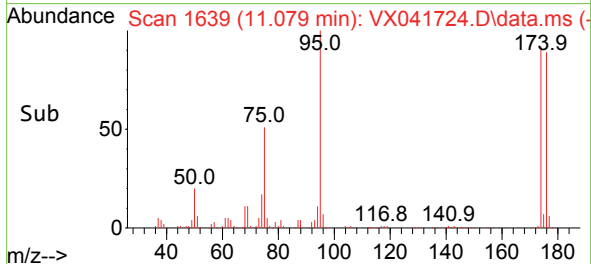
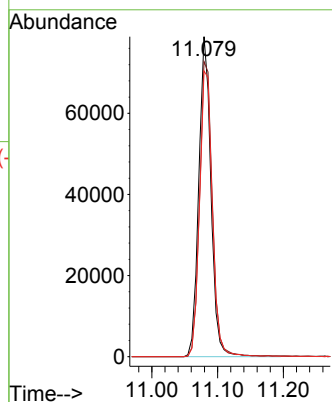
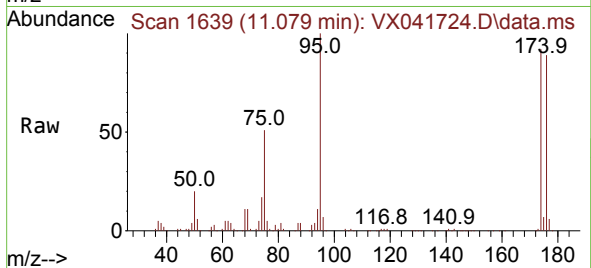




#62
4-Bromofluorobenzene
Concen: 50.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

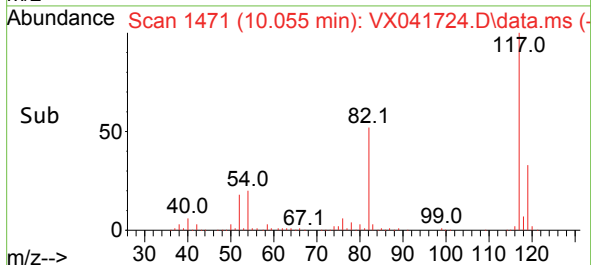
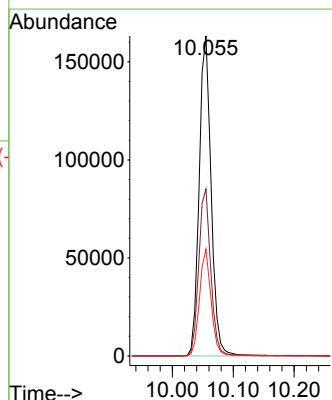
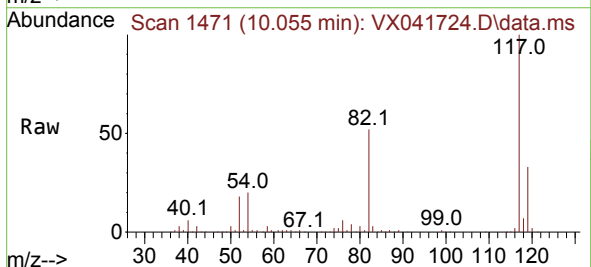
Instrument :
MSVOA_X
ClientSampleId :

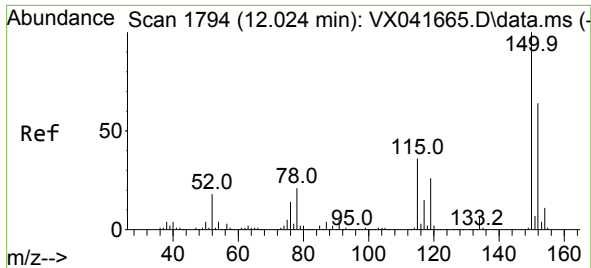
Tgt Ion: 95 Resp: 101264
Ion Ratio Lower Upper
95 100
174 96.6 0.0 135.6
176 94.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041724.D
Acq: 04 Jun 2024 10:48

Tgt Ion: 117 Resp: 222600
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 33.3 25.5 38.3

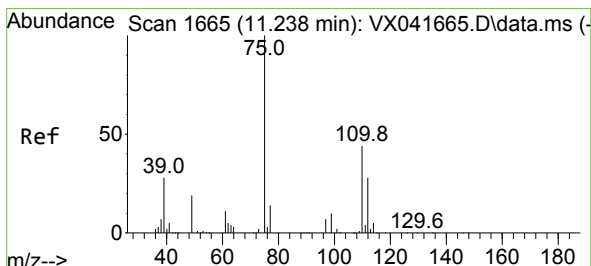
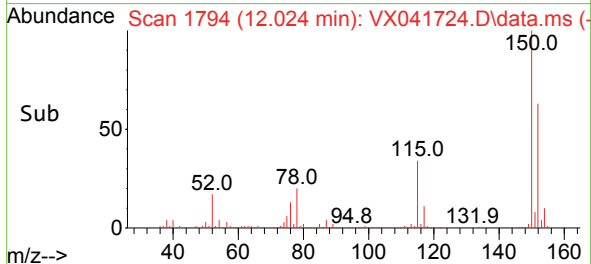
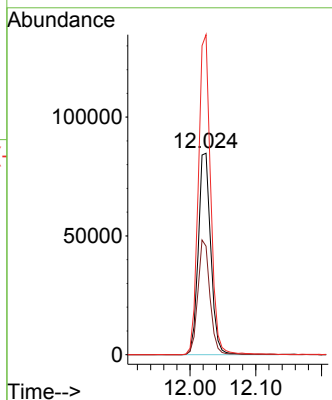
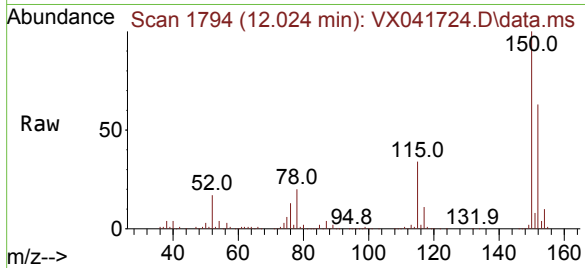




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041724.D
 Acq: 04 Jun 2024 10:48

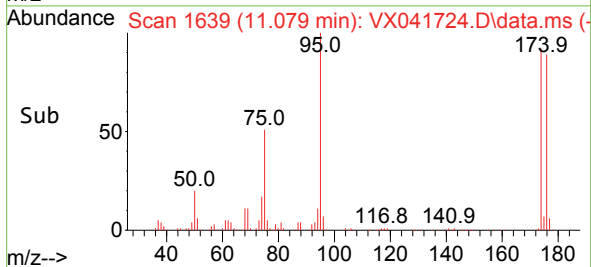
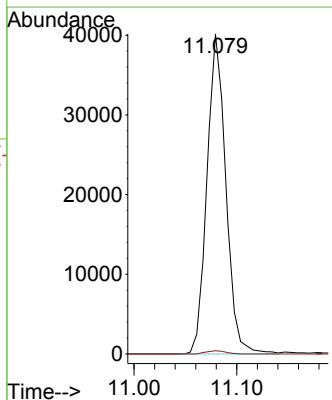
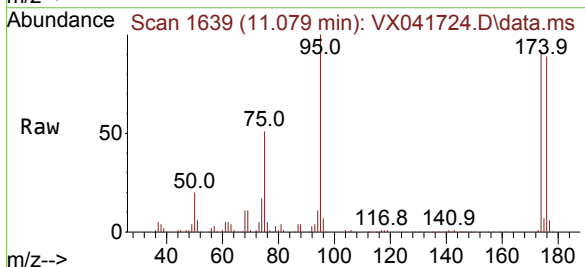
Instrument :
 MSVOA_X
 ClientSampleId :

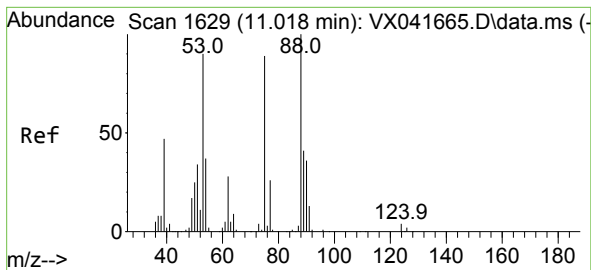
Tgt Ion:152 Resp: 112316
 Ion Ratio Lower Upper
 152 100
 115 55.1 43.3 129.9
 150 157.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.222 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX041724.D
 Acq: 04 Jun 2024 10:48

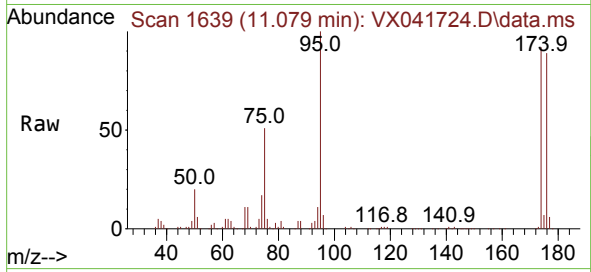
Tgt Ion: 75 Resp: 51387
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.468 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041724.D
 Acq: 04 Jun 2024 10:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 51387
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

