

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041744.D
 Acq On : 05 Jun 2024 12:55
 Operator : JC/MD
 Sample : P2717-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 02:12:43 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)

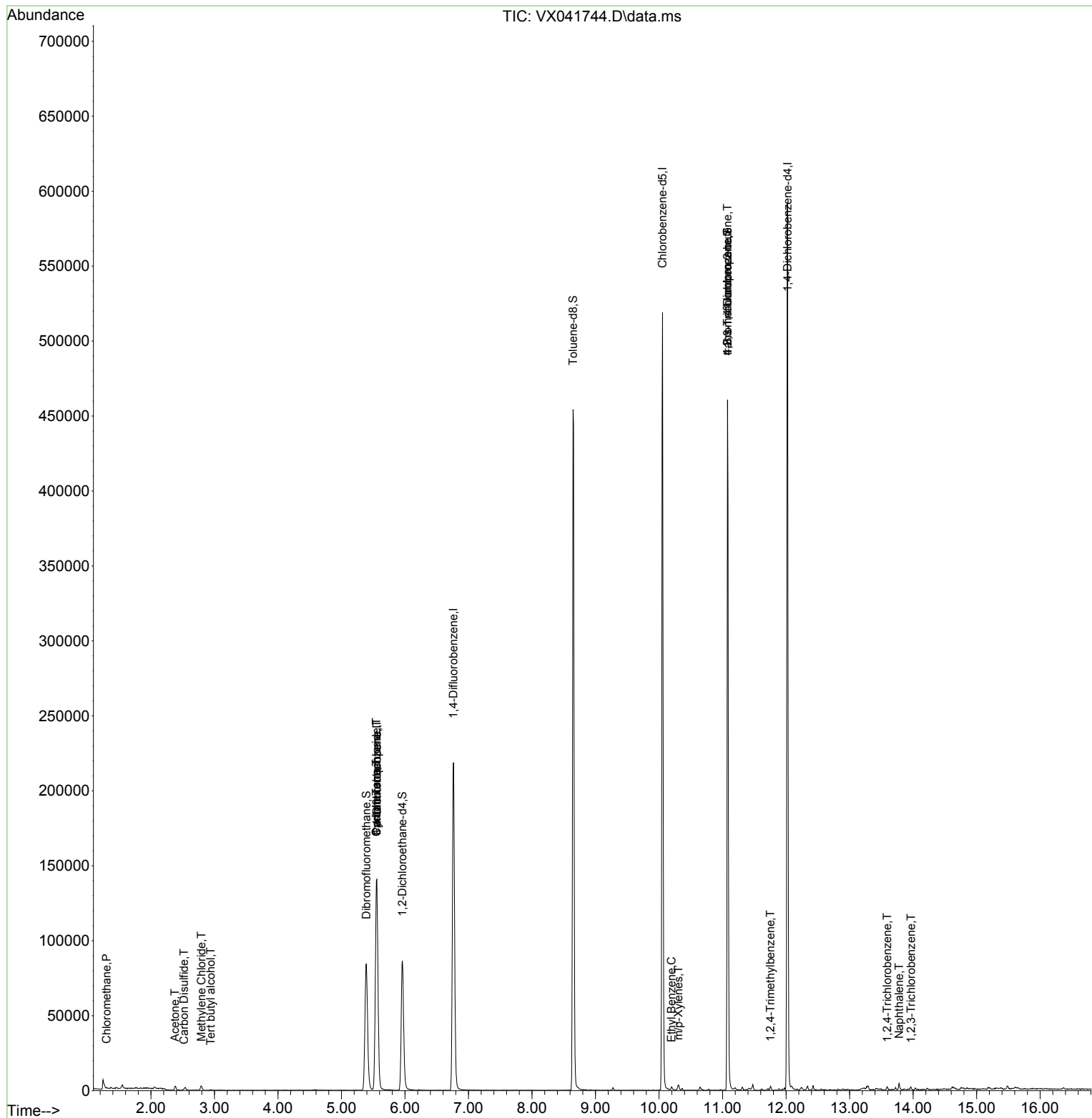
Internal Standards						
1) Pentafluorobenzene	5.556	168	148552	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	232535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86496	47.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.940%
35) Dibromofluoromethane	5.391	113	73210	45.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	8.646	98	276696	49.255	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	112224	54.127	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	347	0.244	ug/l	# 43
11) Tert butyl alcohol	2.940	59	194	0.602	ug/l	# 78
16) Acetone	2.379	43	3136	1.232	ug/l	97
17) Carbon Disulfide	2.520	76	661	0.226	ug/l	# 76
20) Methylene Chloride	2.794	84	1439	0.883	ug/l	93
31) Cyclohexane	5.549	56	2626	1.221	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	9653	4.959	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	13407	6.062	ug/l	# 15
67) Ethyl Benzene	10.195	91	1630	0.201	ug/l	# 85
68) m/p-Xylenes	10.305	106	1040	0.322	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	58343	24.882	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	58343	67.815	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	1485	0.211	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	764	0.259	ug/l	95
95) Naphthalene	13.780	128	3493	0.401	ug/l	# 92
96) 1,2,3-Trichlorobenzene	13.969	180	756	0.249	ug/l	89

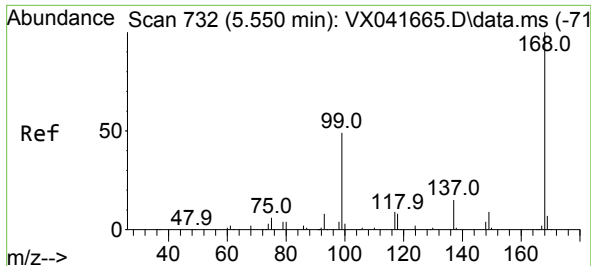
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
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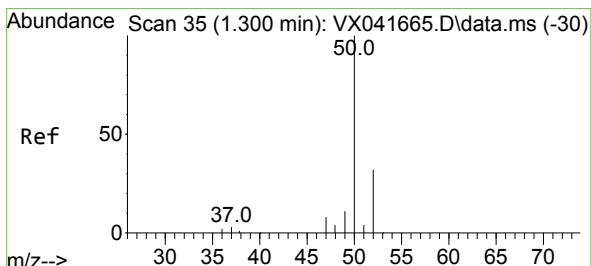
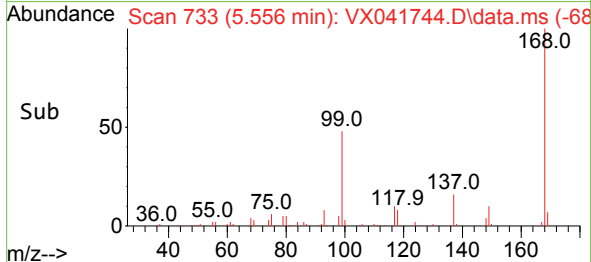
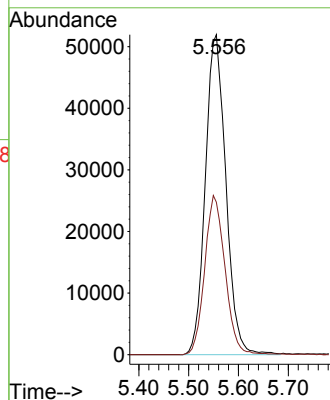
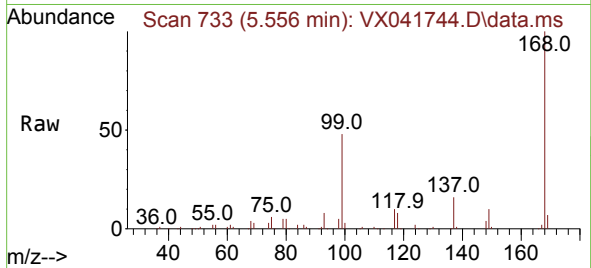




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

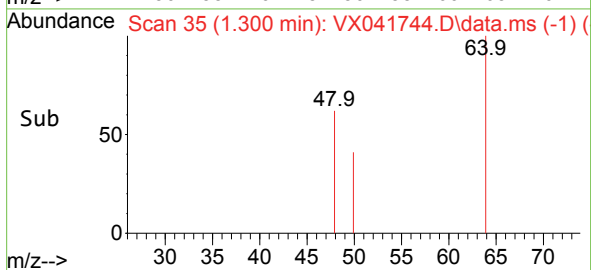
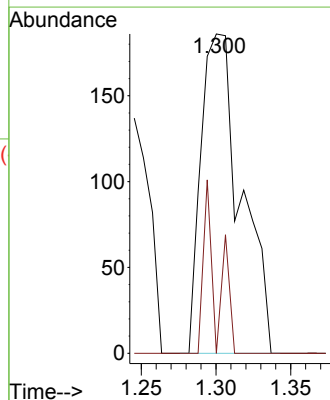
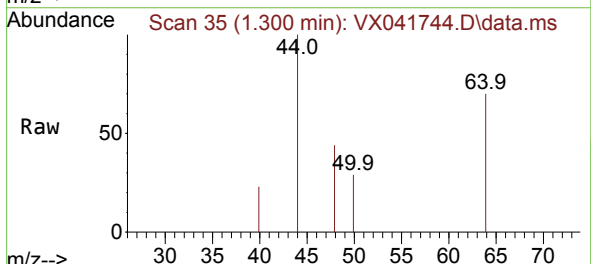
Instrument :
MSVOA_X
ClientSampleId :

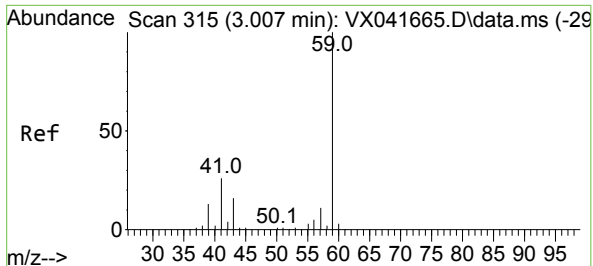
Tgt Ion:168 Resp: 148552
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#3
Chloromethane
Concen: 0.244 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.602 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.067 min

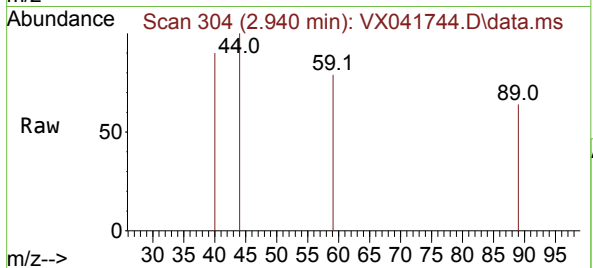
Lab File: VX041744.D

Acq: 05 Jun 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :

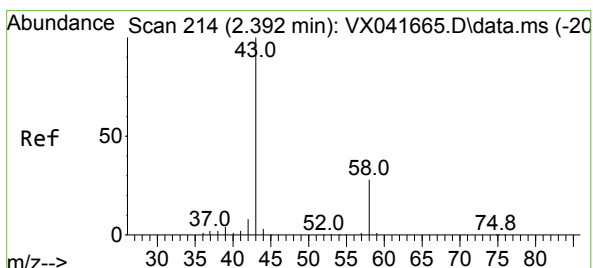
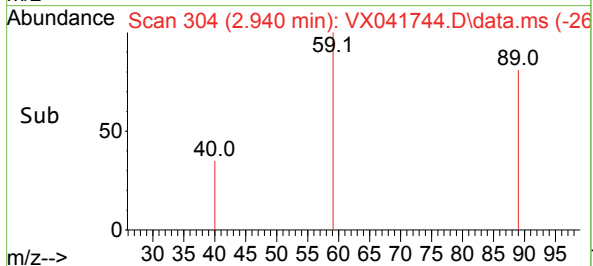
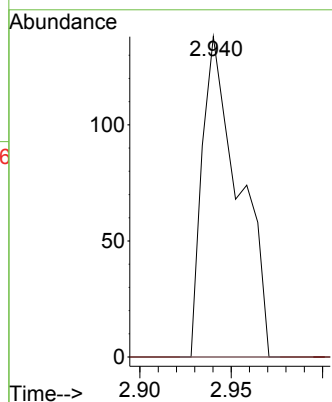


Tgt Ion: 59 Resp: 194

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.232 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.013 min

Lab File: VX041744.D

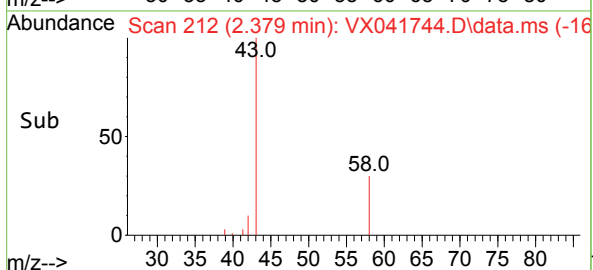
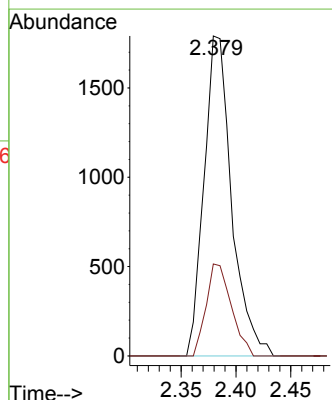
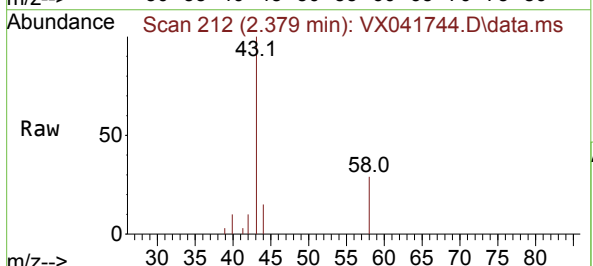
Acq: 05 Jun 2024 12:55

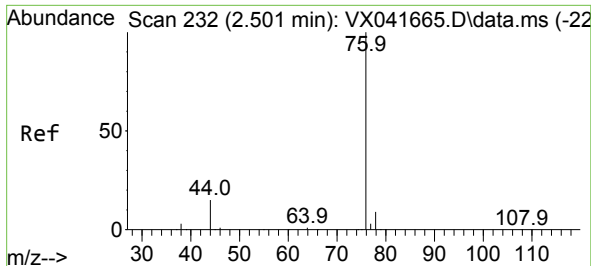
Tgt Ion: 43 Resp: 3136

Ion Ratio Lower Upper

43 100

58 28.8 21.9 32.9





#17

Carbon Disulfide

Concen: 0.226 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.018 min

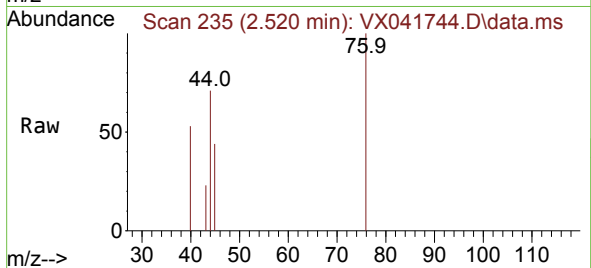
Lab File: VX041744.D

Acq: 05 Jun 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :

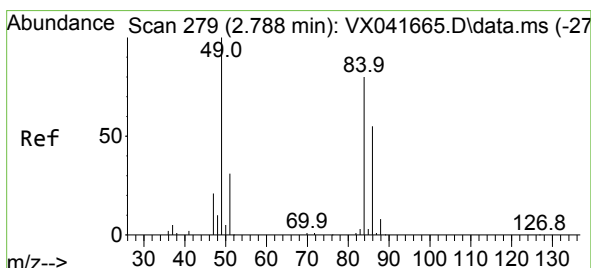
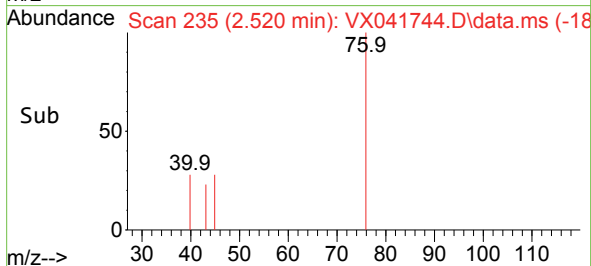
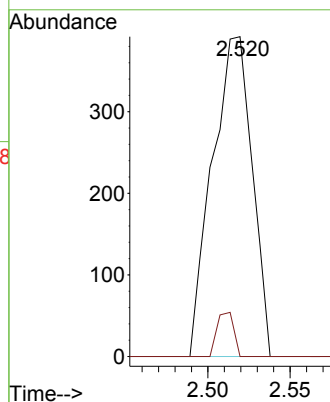


Tgt Ion: 76 Resp: 661

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.883 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX041744.D

Acq: 05 Jun 2024 12:55

Tgt Ion: 84 Resp: 1439

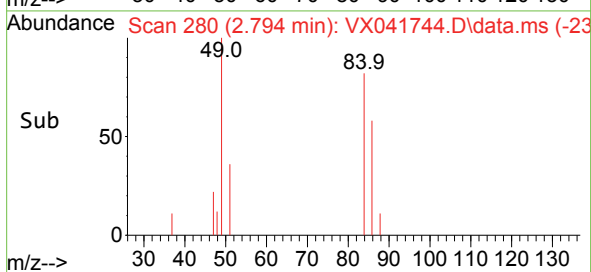
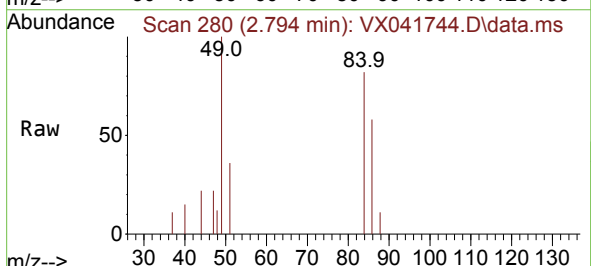
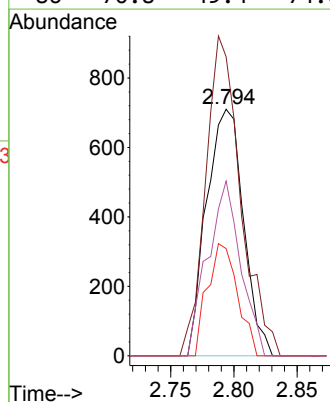
Ion Ratio Lower Upper

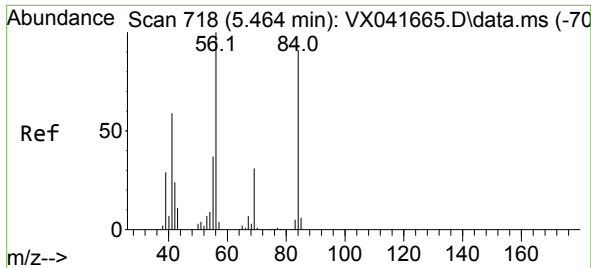
84 100

49 121.3 103.6 155.4

51 43.5 33.8 50.6

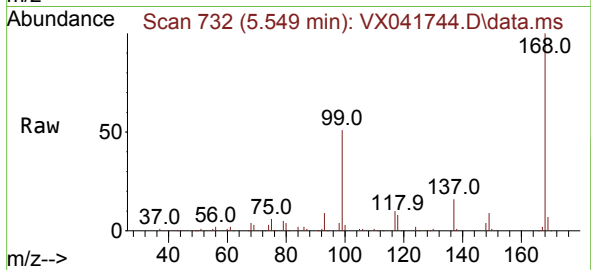
86 70.8 49.4 74.0



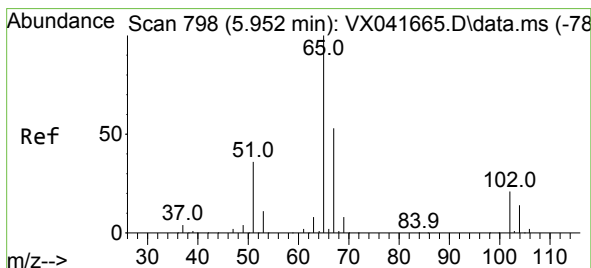
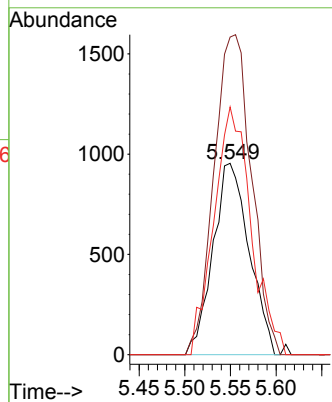
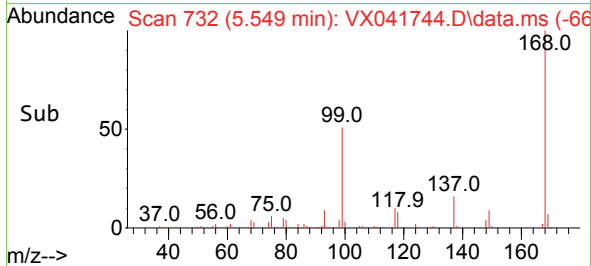


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

Instrument :
MSVOA_X
ClientSampleId :

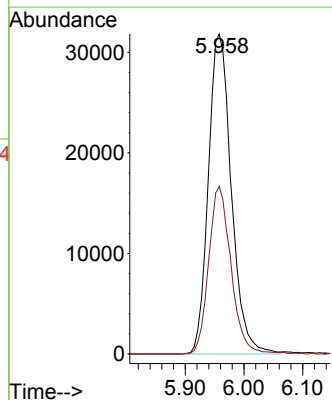
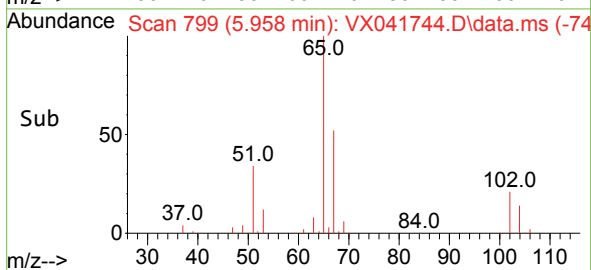
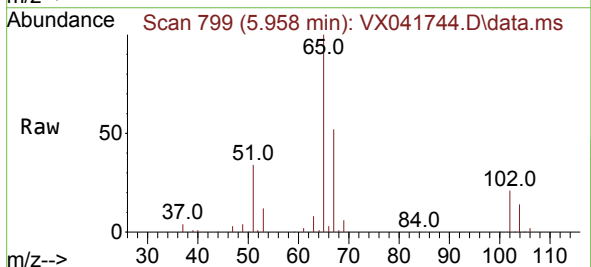


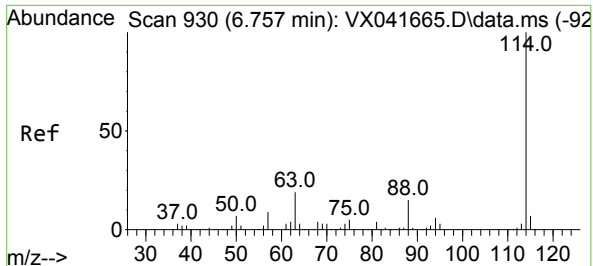
Tgt Ion: 56 Resp: 2626
Ion Ratio Lower Upper
56 100
69 166.0 23.4 35.2#
84 129.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.475 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

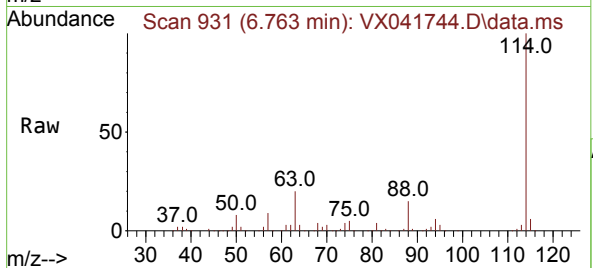
Tgt Ion: 65 Resp: 86496
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



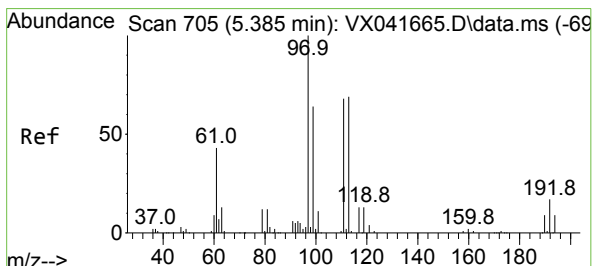
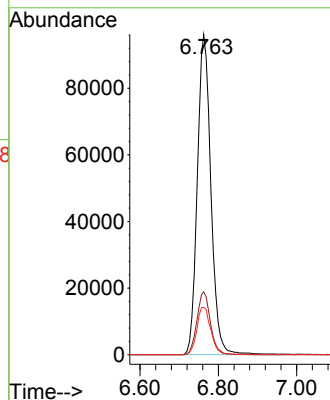
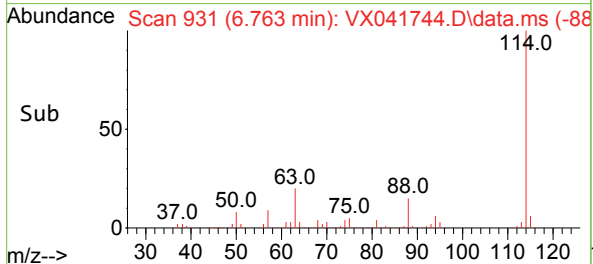


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

Instrument :
MSVOA_X
ClientSampleId :

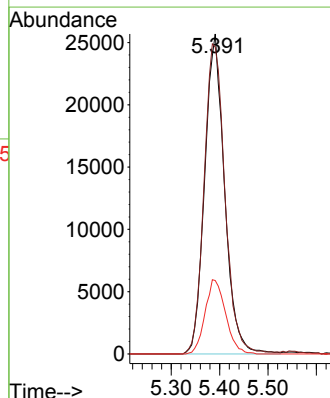
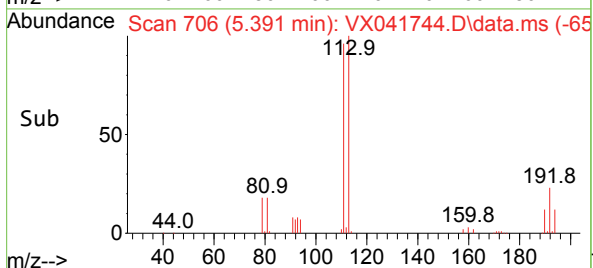
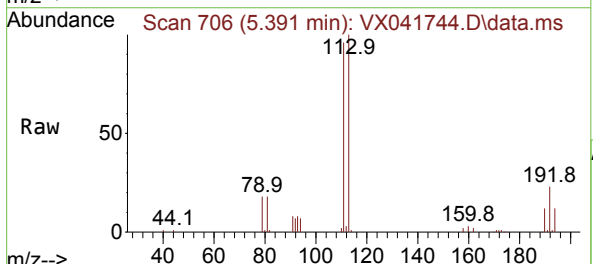


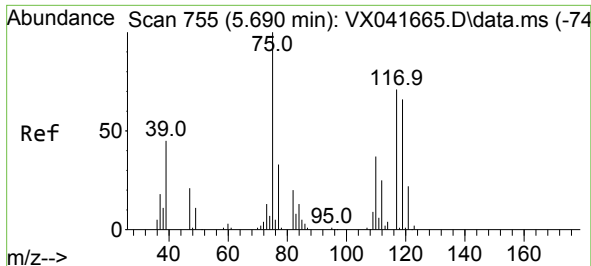
Tgt Ion:114 Resp: 232535
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.536 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

Tgt Ion:113 Resp: 73210
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 24.0 13.3 19.9#

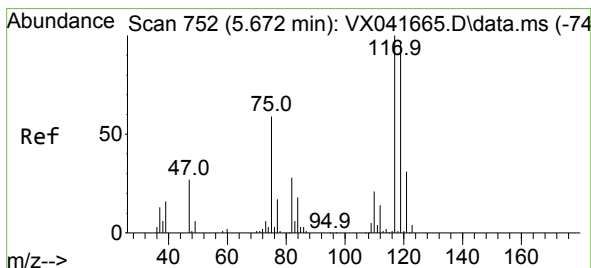
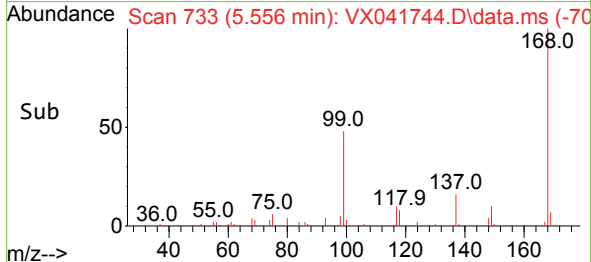
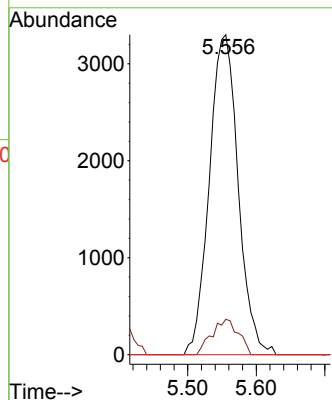
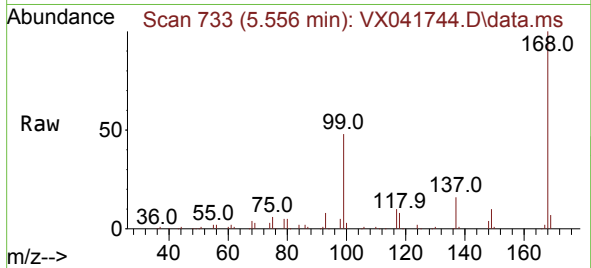




#36
1,1-Dichloropropene
Concen: 4.959 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

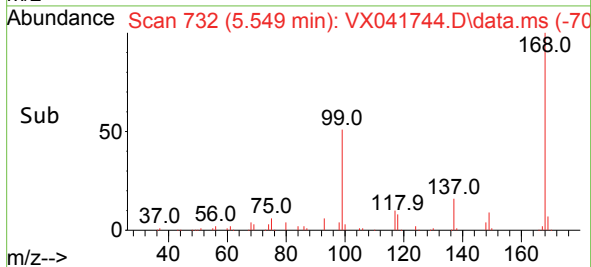
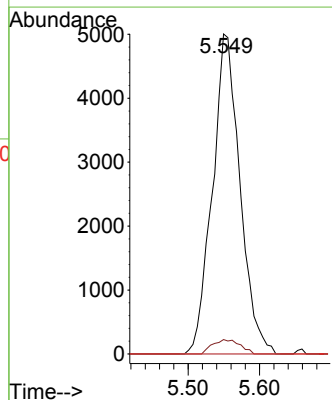
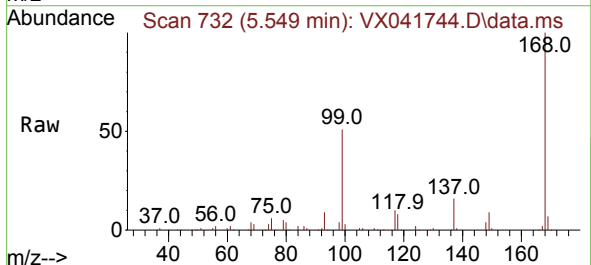
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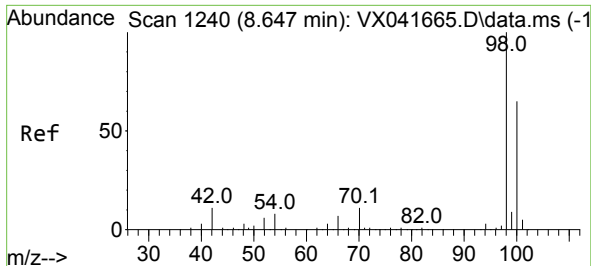
Tgt Ion: 75 Resp: 9653
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.062 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

Tgt Ion: 117 Resp: 13407
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

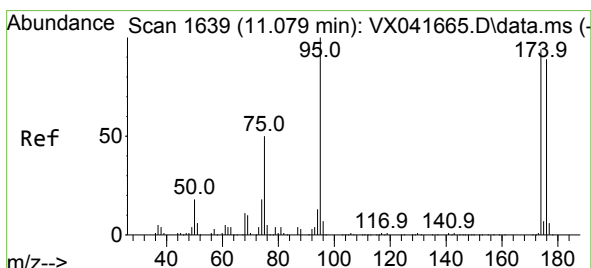
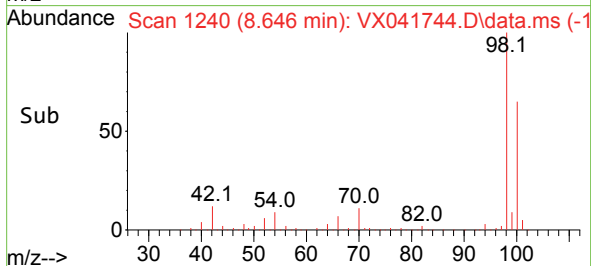
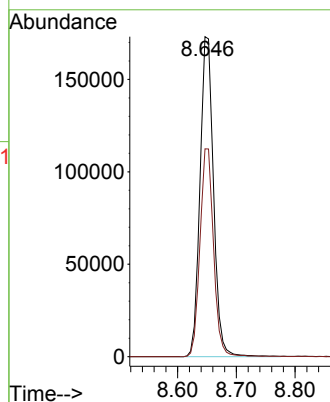
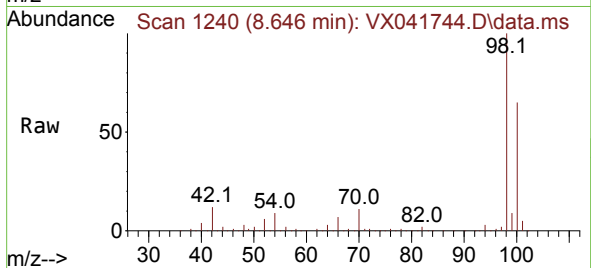




#50
Toluene-d8
Concen: 49.255 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

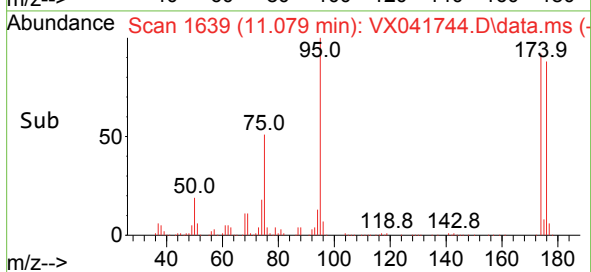
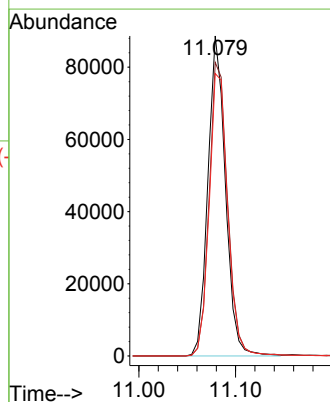
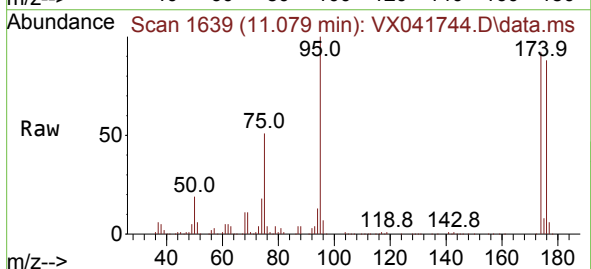
Instrument :
MSVOA_X
ClientSampleId :

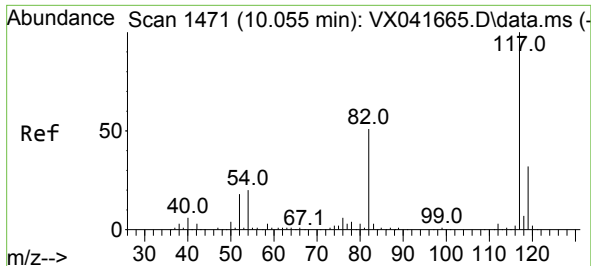
Tgt Ion: 98 Resp: 276696
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.127 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

Tgt Ion: 95 Resp: 112224
Ion Ratio Lower Upper
95 100
174 96.9 0.0 135.6
176 93.6 0.0 131.0

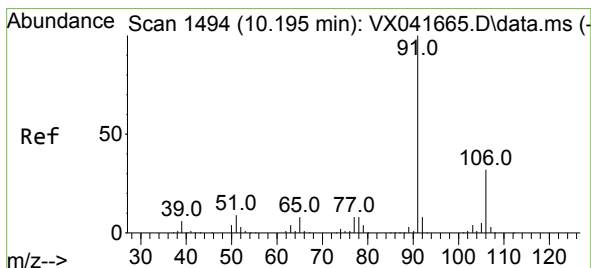
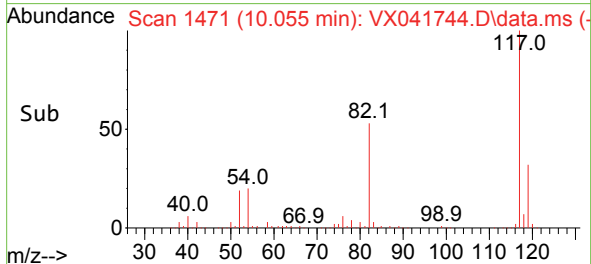
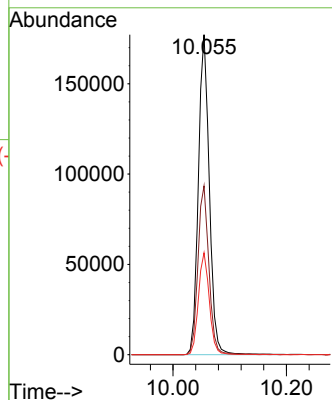
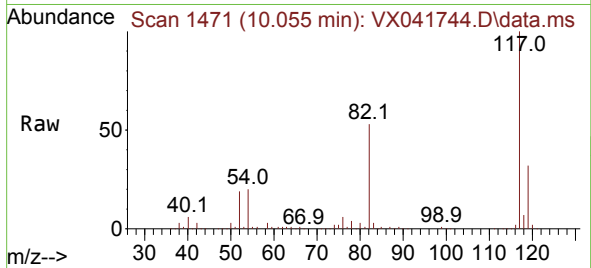




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

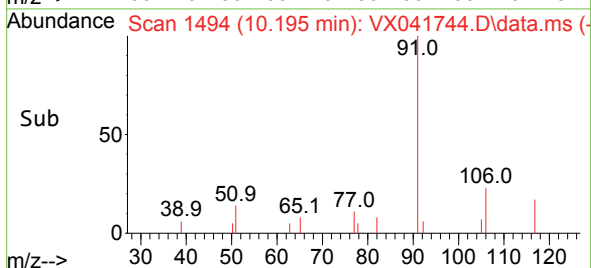
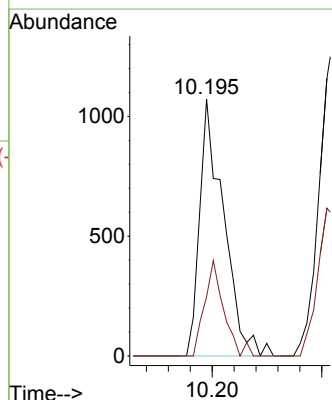
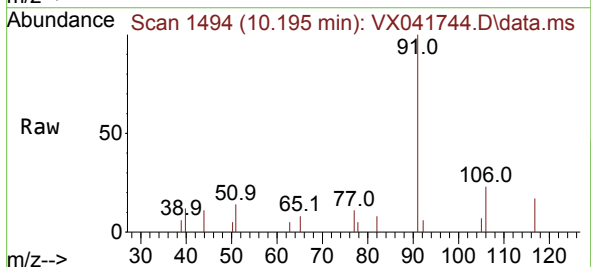
Instrument :
MSVOA_X
ClientSampleId :

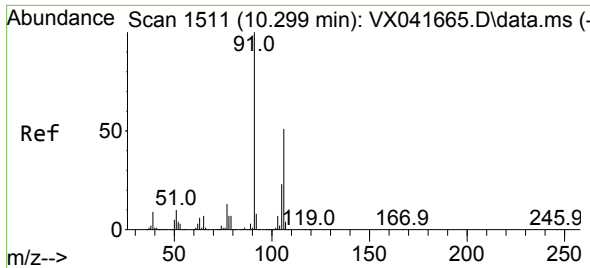
Tgt Ion:117 Resp: 237023
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 31.9 25.5 38.3



#67
Ethyl Benzene
Concen: 0.201 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

Tgt Ion: 91 Resp: 1630
Ion Ratio Lower Upper
91 100
106 23.1 24.9 37.3#

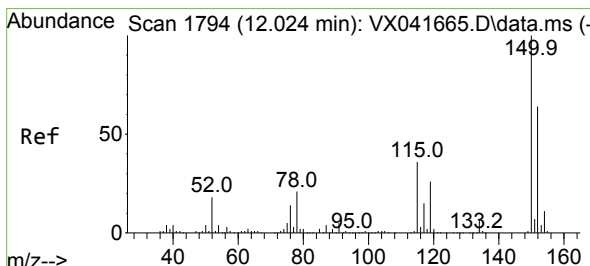
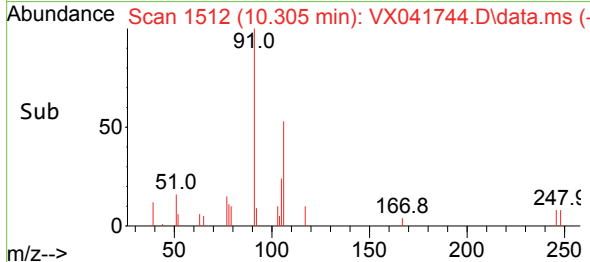
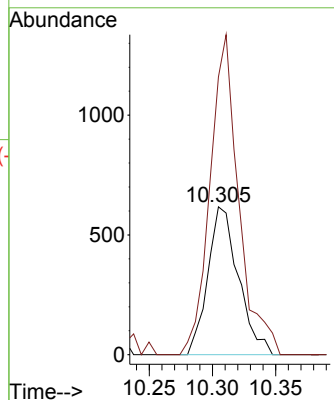
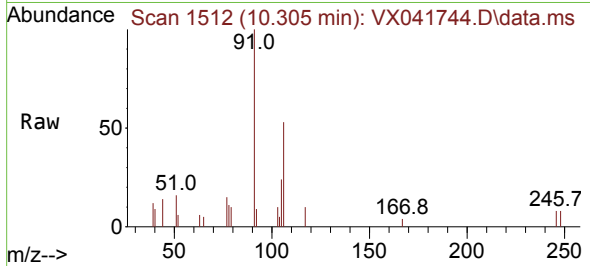




#68
m/p-Xylenes
Concen: 0.322 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

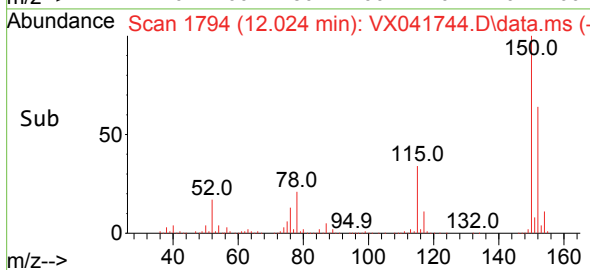
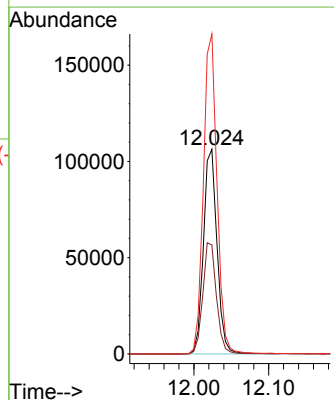
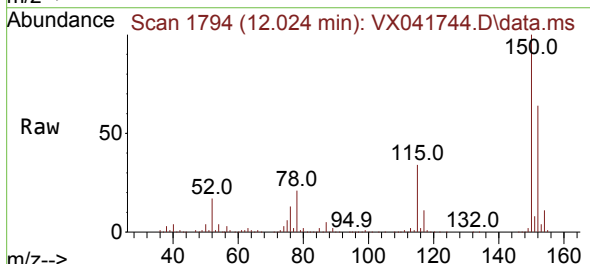
Instrument :
MSVOA_X
ClientSampleId :

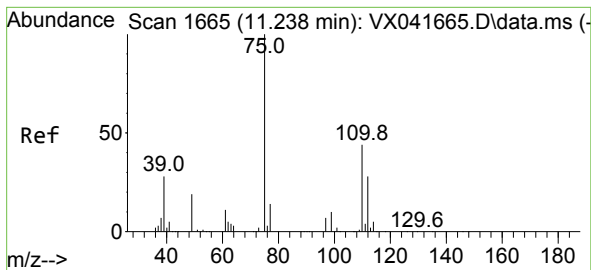
Tgt Ion:106 Resp: 1040
Ion Ratio Lower Upper
106 100
91 202.8 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041744.D
Acq: 05 Jun 2024 12:55

Tgt Ion:152 Resp: 134389
Ion Ratio Lower Upper
152 100
115 54.8 43.3 129.9
150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.882 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041744.D

Acq: 05 Jun 2024 12:55

Instrument :

MSVOA_X

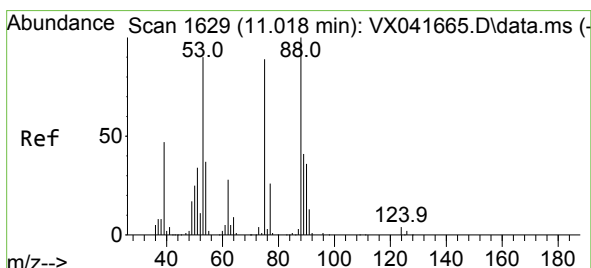
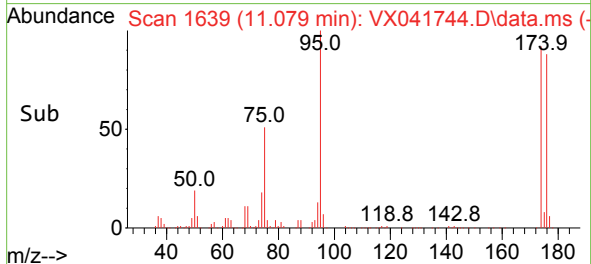
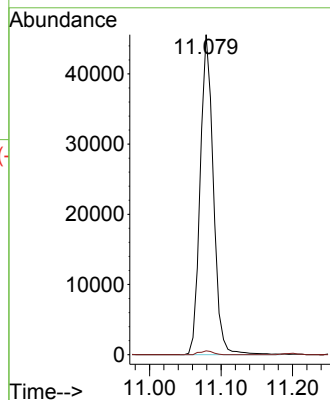
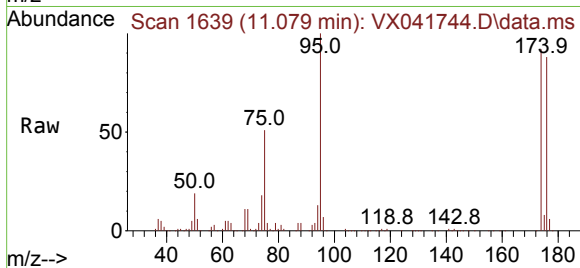
ClientSampleId :

Tgt Ion: 75 Resp: 58343

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.815 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041744.D

Acq: 05 Jun 2024 12:55

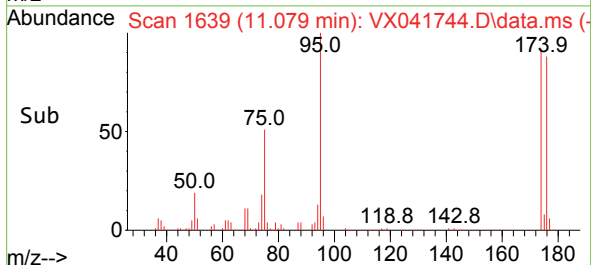
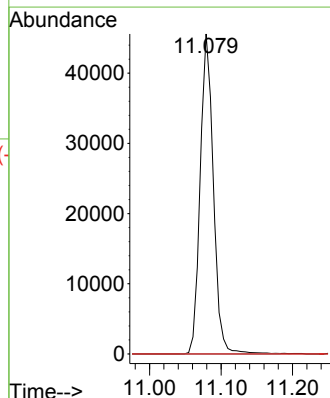
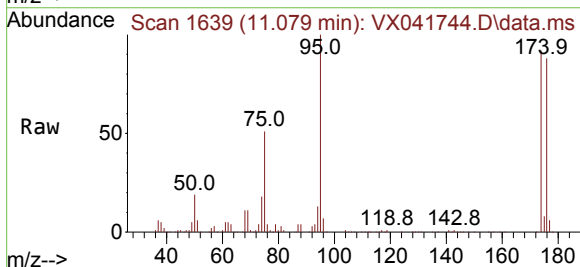
Tgt Ion: 75 Resp: 58343

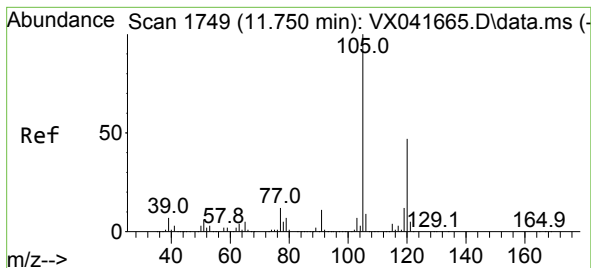
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.211 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041744.D

Acq: 05 Jun 2024 12:55

Instrument :

MSVOA_X

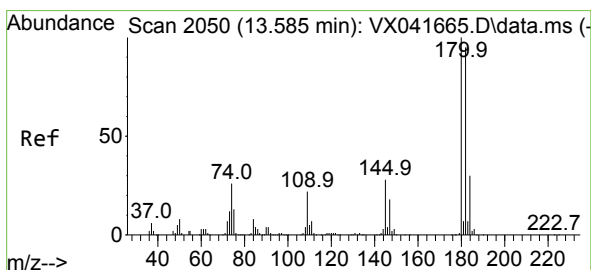
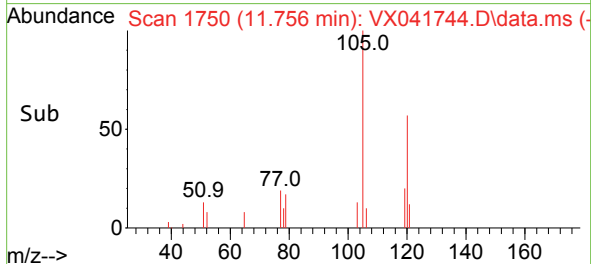
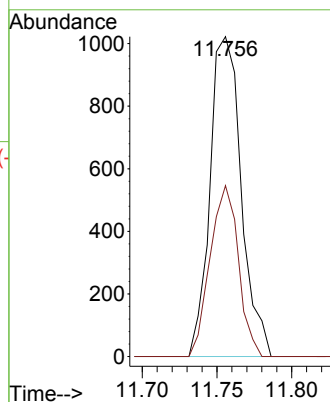
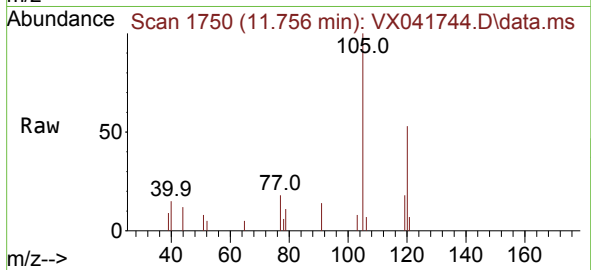
ClientSampleId :

Tgt Ion:105 Resp: 1485

Ion Ratio Lower Upper

105 100

120 48.3 21.2 63.6



#93

1,2,4-Trichlorobenzene

Concen: 0.259 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041744.D

Acq: 05 Jun 2024 12:55

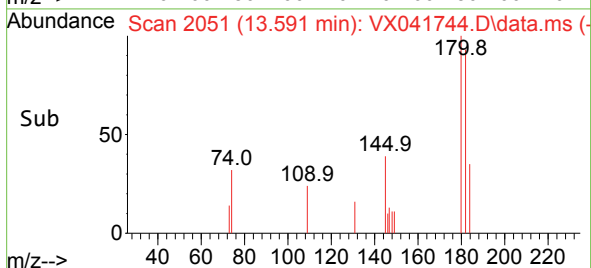
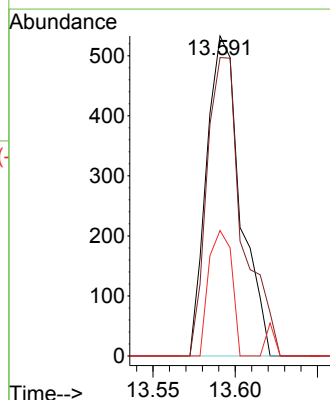
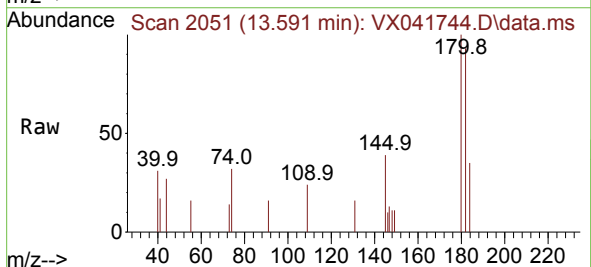
Tgt Ion:180 Resp: 764

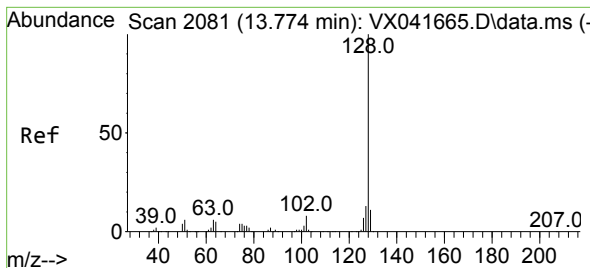
Ion Ratio Lower Upper

180 100

182 97.8 48.3 144.8

145 26.6 18.0 54.0





#95

Naphthalene

Concen: 0.401 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041744.D

Acq: 05 Jun 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :

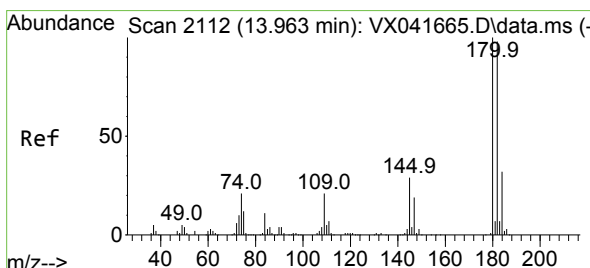
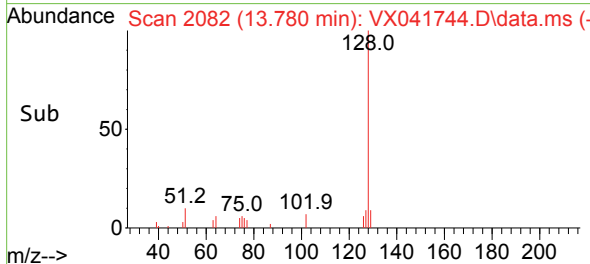
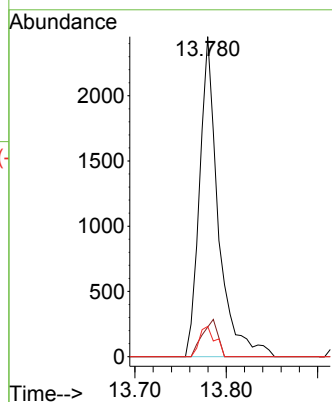
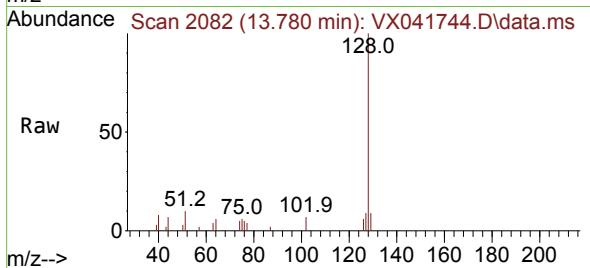
Tgt Ion:128 Resp: 3493

Ion Ratio Lower Upper

128 100

127 9.6 10.3 15.5#

129 8.0 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.249 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX041744.D

Acq: 05 Jun 2024 12:55

Tgt Ion:180 Resp: 756

Ion Ratio Lower Upper

180 100

182 84.9 46.9 140.6

145 27.2 17.8 53.5

