

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041719.D
 Acq On : 03 Jun 2024 20:59
 Operator : JC/MD
 Sample : P2657-02 100X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 00:55:55 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)

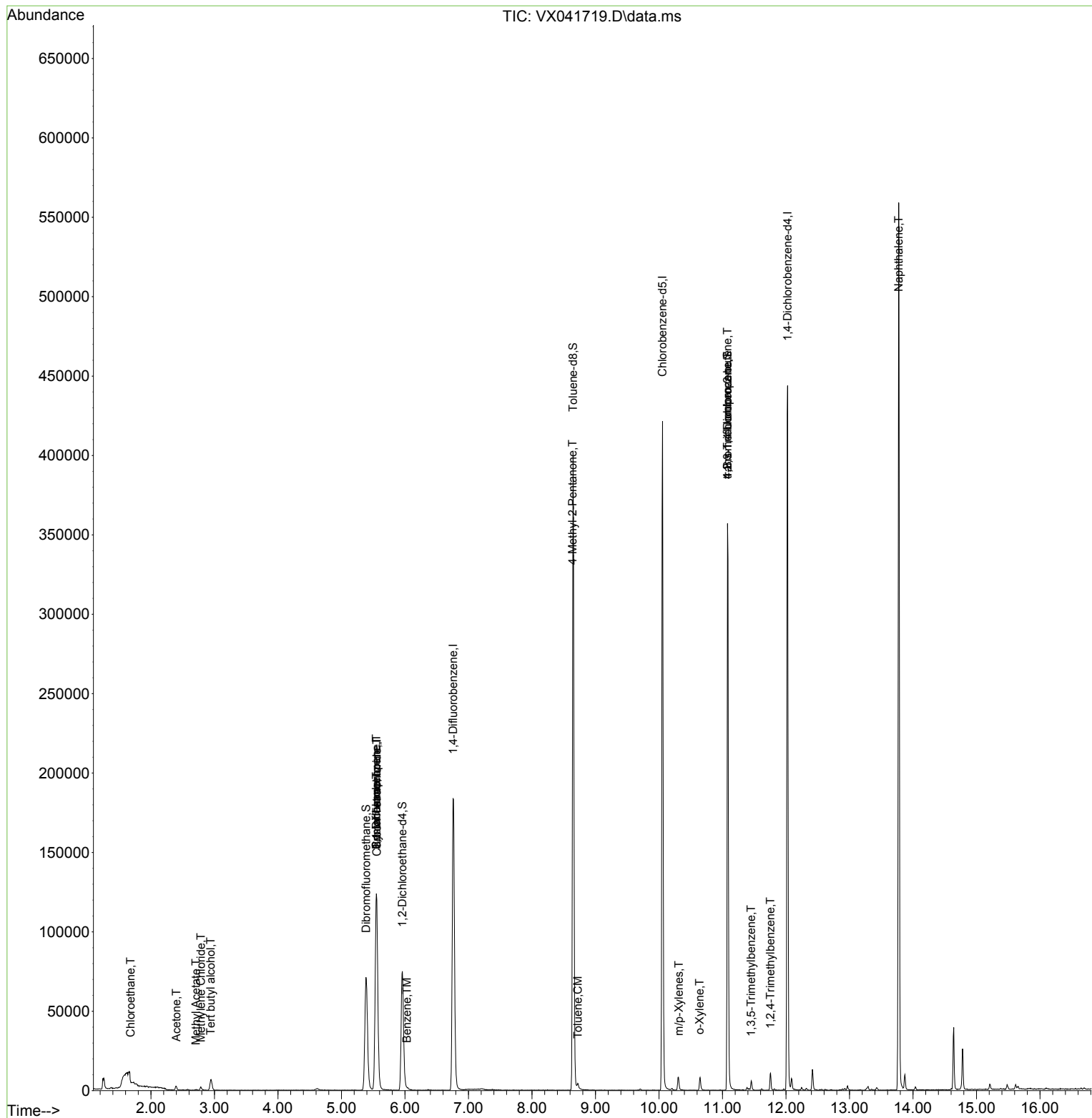
Internal Standards						
1) Pentafluorobenzene	5.550	168	131196	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	200463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75102	46.674	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.340%
35) Dibromofluoromethane	5.385	113	61493	44.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.740%
50) Toluene-d8	8.647	98	233445	48.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.079	95	90100	50.409	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.820%
Target Compounds						
						Qvalue
6) Chloroethane	1.679	64	364	0.465	ug/l	89
11) Tert butyl alcohol	2.941	59	4211	14.794	ug/l	# 78
16) Acetone	2.398	43	2828	1.314	ug/l	97
18) Methyl Acetate	2.709	43	677	0.441	ug/l	# 53
20) Methylene Chloride	2.788	84	985	0.684	ug/l	# 79
31) Cyclohexane	5.550	56	2170	1.142	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8527	5.081	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	11766	6.171	ug/l	# 14
40) Benzene	6.032	78	1086	0.207	ug/l	# 82
51) 4-Methyl-2-Pentanone	8.641	43	1214	0.585	ug/l	# 1
52) Toluene	8.720	92	1318	0.396	ug/l	89
68) m/p-Xylenes	10.311	106	2323	0.866	ug/l	99
69) o-Xylene	10.640	106	2106	0.789	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	45835	25.902	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	2989	0.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	45835	70.596	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	5102	0.959	ug/l	91
95) Naphthalene	13.774	128	352568	53.665	ug/l	100

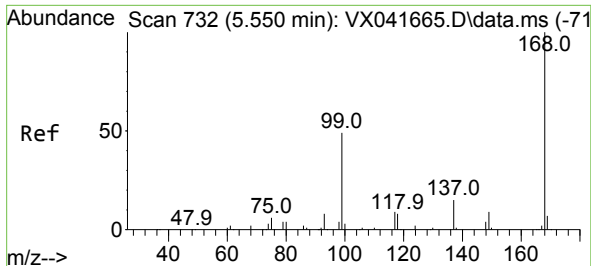
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 04 00:55:55 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





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX041719.D

Acq: 03 Jun 2024 20:59

Instrument :

MSVOA_X

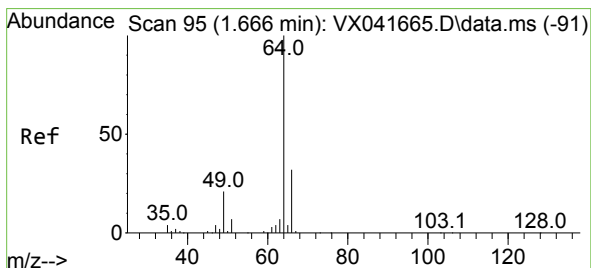
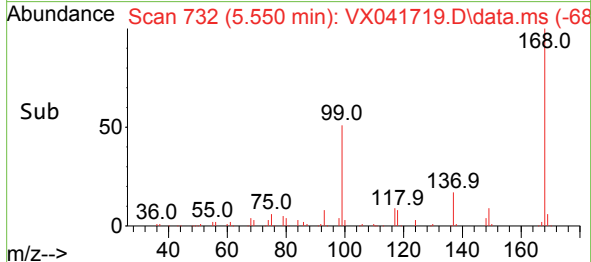
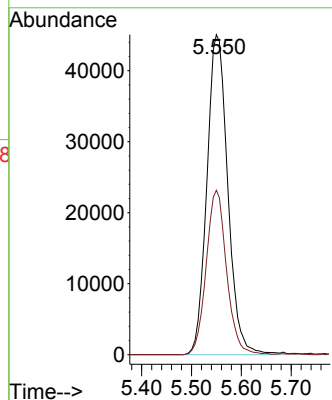
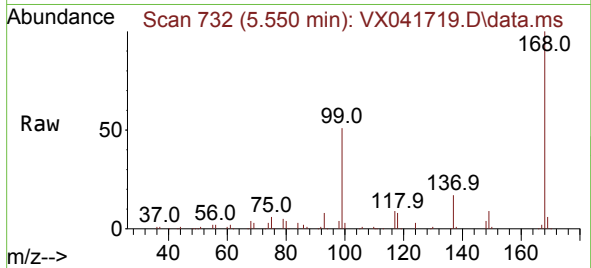
ClientSampleId :

Tgt Ion:168 Resp: 131196

Ion Ratio Lower Upper

168 100

99 51.4 56.6 85.0#



#6

Chloroethane

Concen: 0.465 ug/l

RT: 1.679 min Scan# 97

Delta R.T. 0.012 min

Lab File: VX041719.D

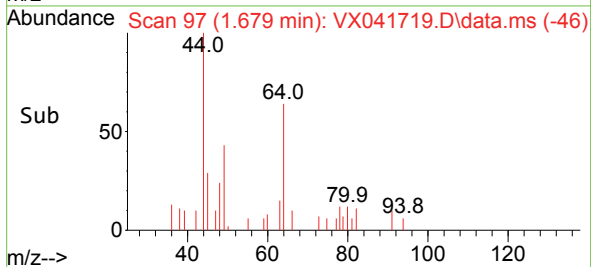
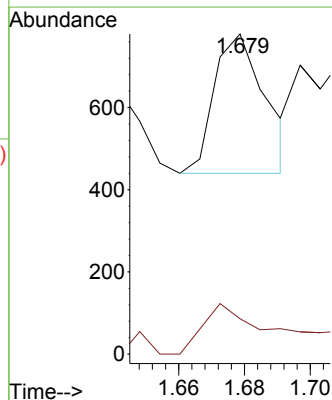
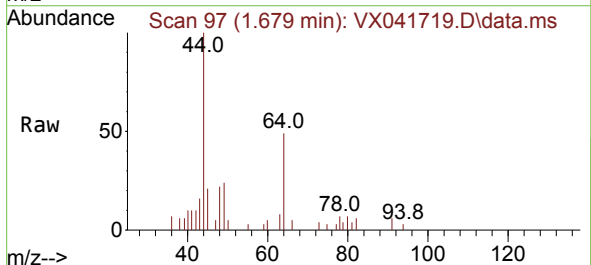
Acq: 03 Jun 2024 20:59

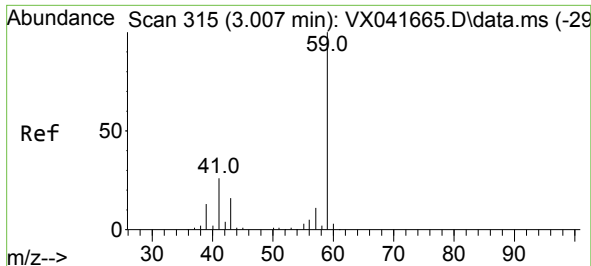
Tgt Ion: 64 Resp: 364

Ion Ratio Lower Upper

64 100

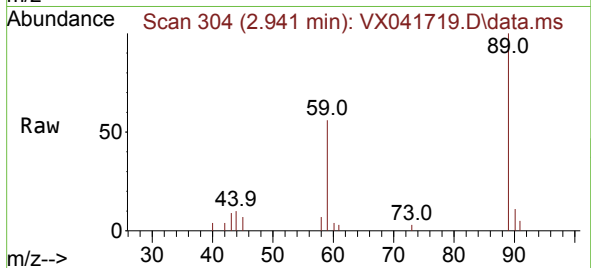
66 25.4 25.1 37.7



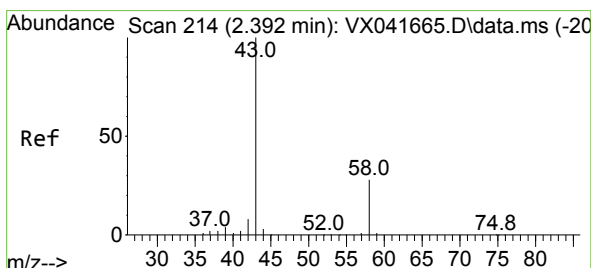
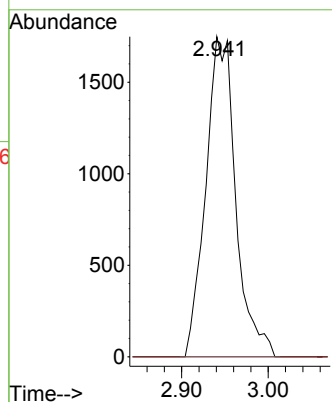
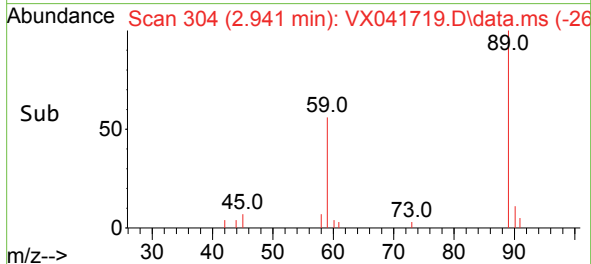


#11
Tert butyl alcohol
Concen: 14.794 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

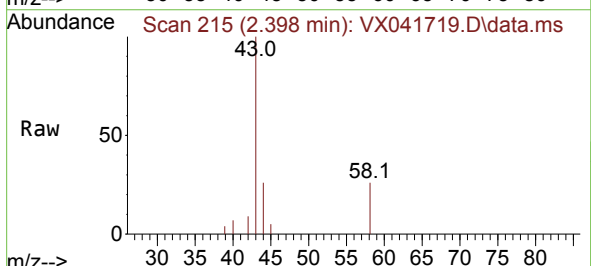
Instrument :
MSVOA_X
ClientSampleId :



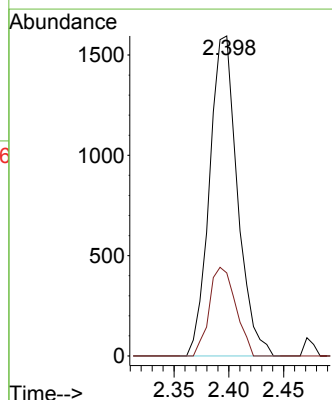
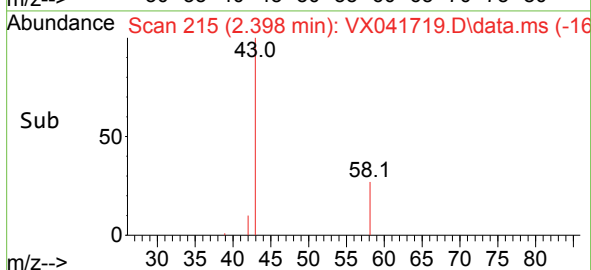
Tgt Ion: 59 Resp: 4211
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

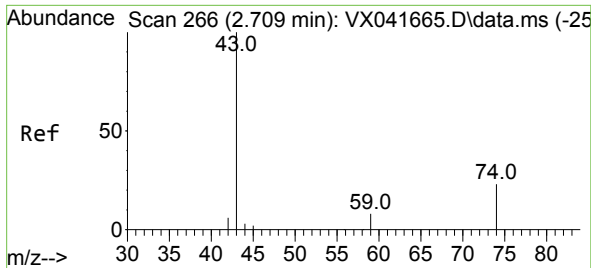


#16
Acetone
Concen: 1.314 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59



Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9

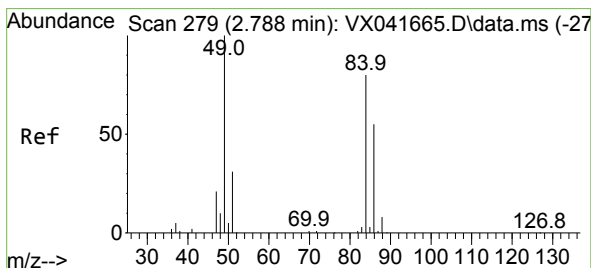
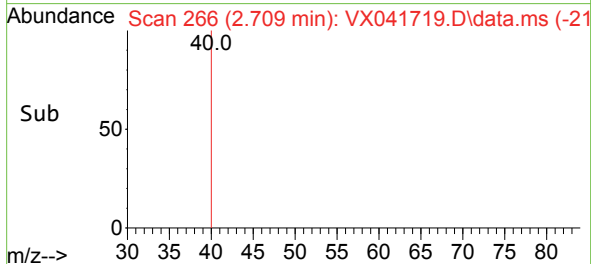
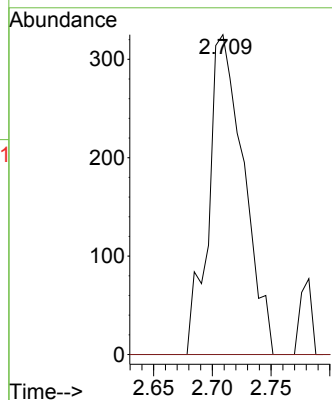
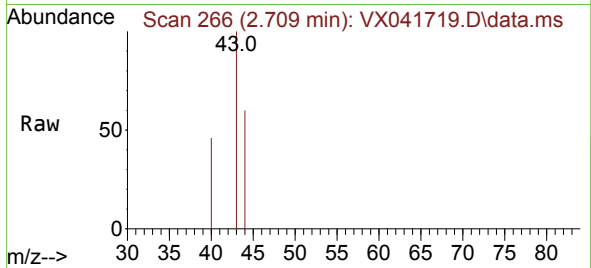




#18
Methyl Acetate
Concen: 0.441 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

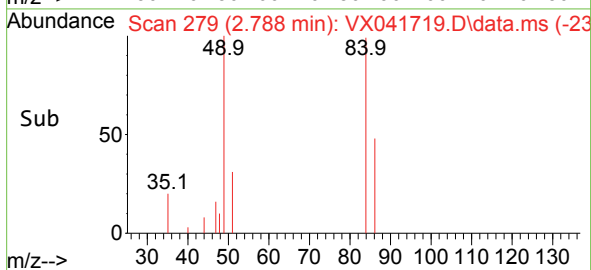
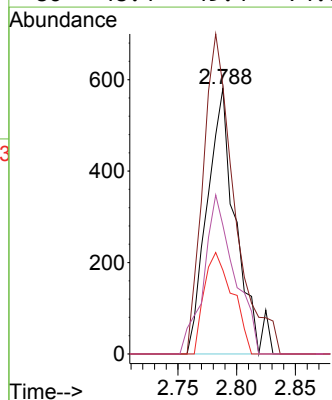
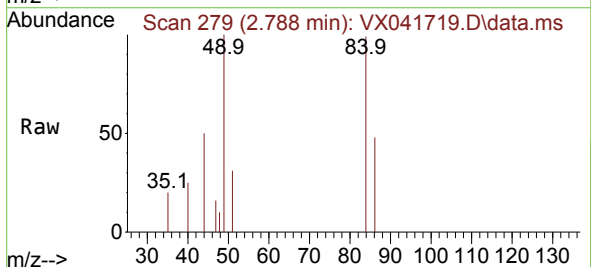
Instrument :
MSVOA_X
ClientSampleId :

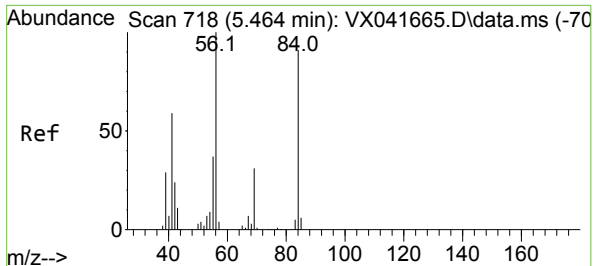
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.684 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

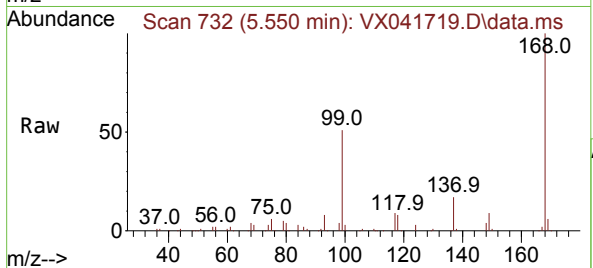
Tgt Ion: 84 Resp: 985
Ion Ratio Lower Upper
84 100
49 100.9 103.6 155.4#
51 31.5 33.8 50.6#
86 48.4 49.4 74.0#



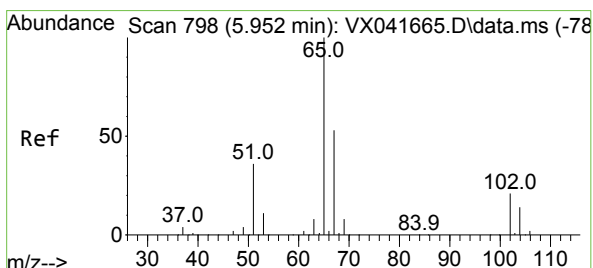
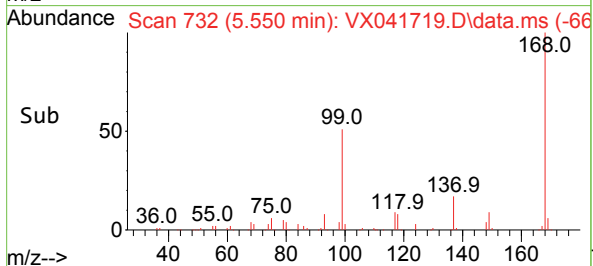
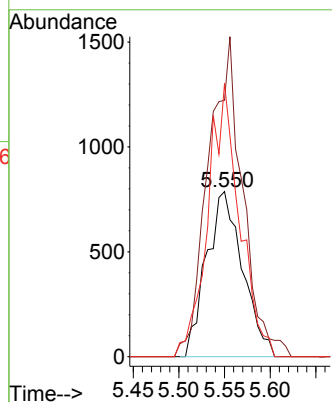


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Instrument :
MSVOA_X
ClientSampleId :

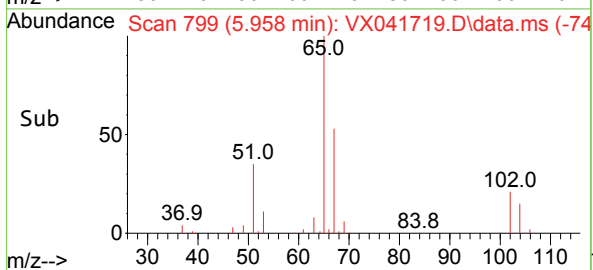
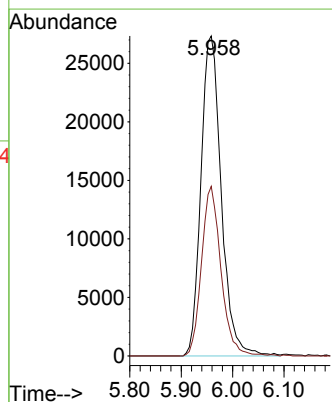
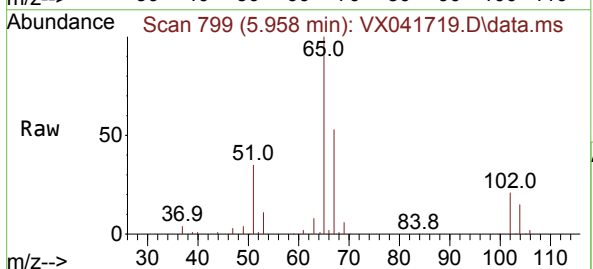


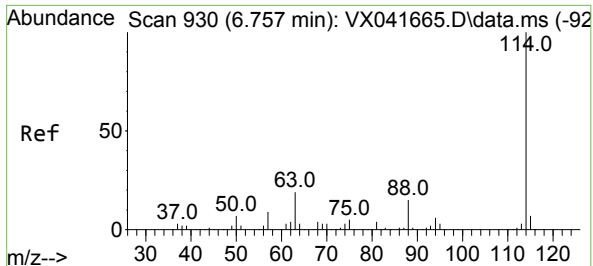
Tgt Ion: 56 Resp: 2170
Ion Ratio Lower Upper
56 100
69 147.5 23.4 35.2#
84 165.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.674 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Tgt Ion: 65 Resp: 75102
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

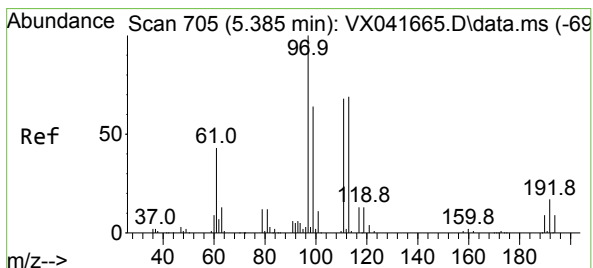
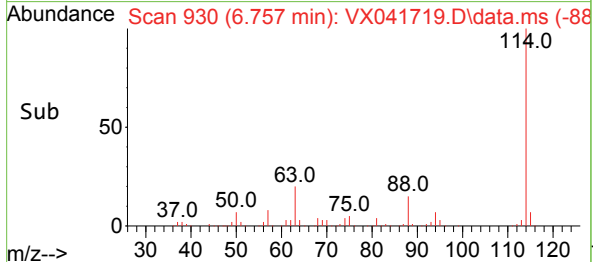
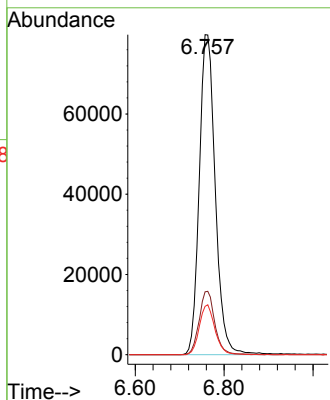
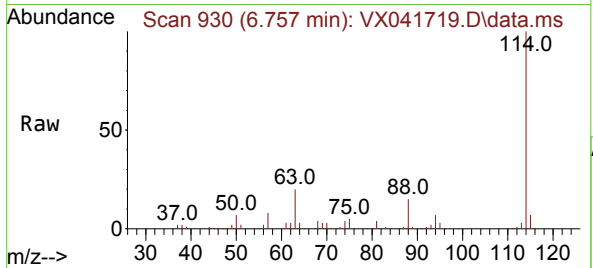




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

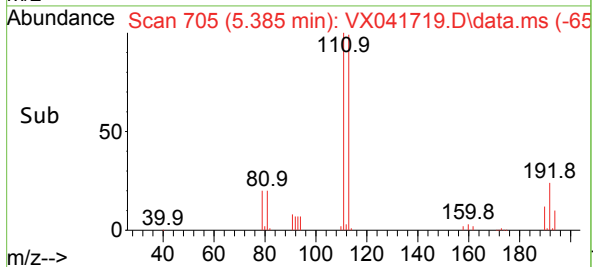
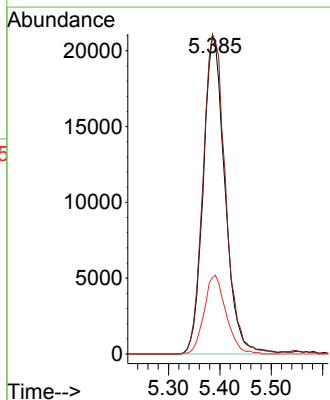
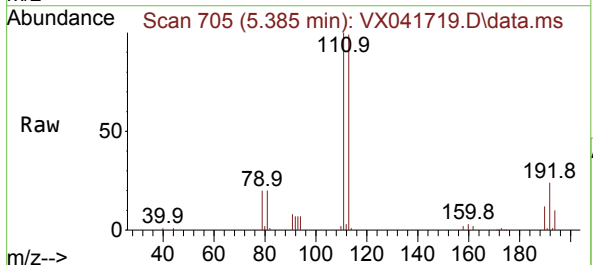
Instrument :
MSVOA_X
ClientSampleId :

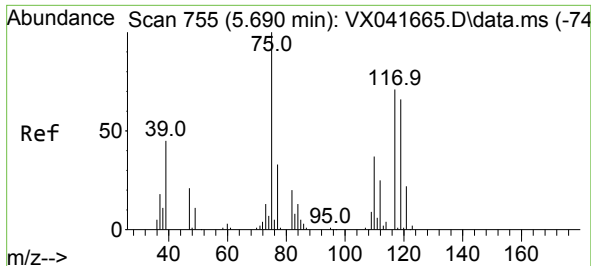
Tgt Ion:114 Resp: 200463
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.368 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Tgt Ion:113 Resp: 61493
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 25.0 13.3 19.9#

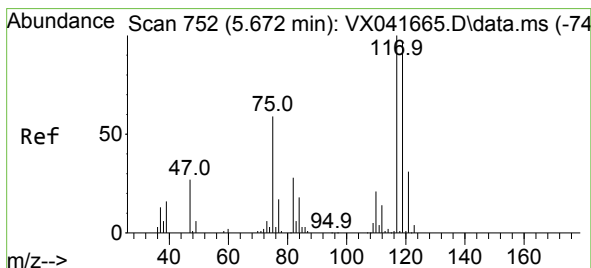
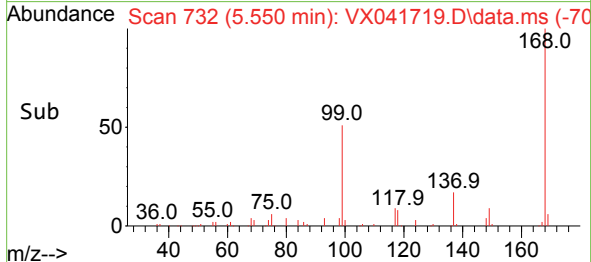
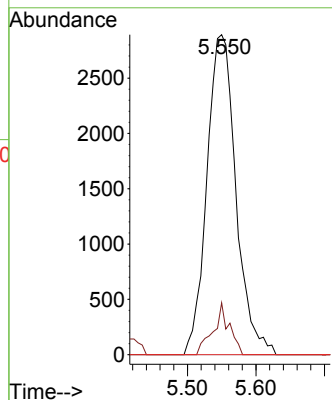
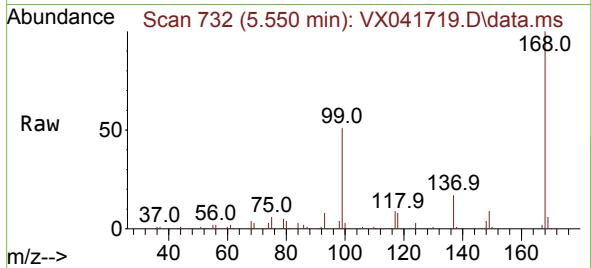




#36
1,1-Dichloropropene
Concen: 5.081 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

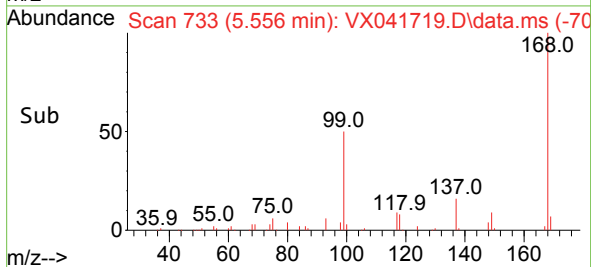
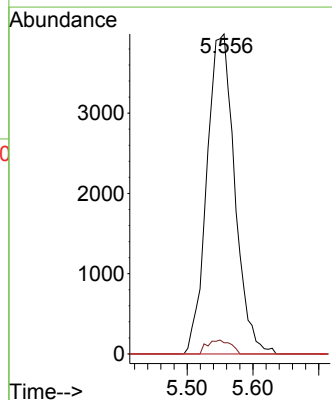
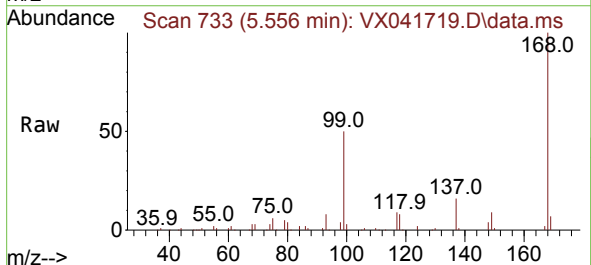
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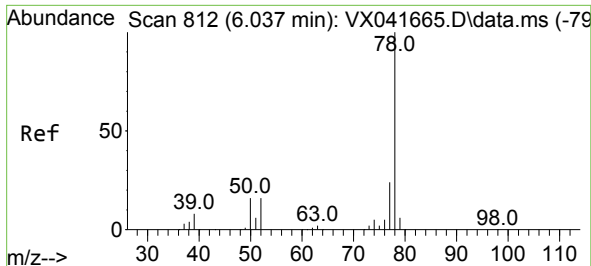
Tgt Ion: 75 Resp: 8527
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.171 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Tgt Ion: 117 Resp: 11766
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#

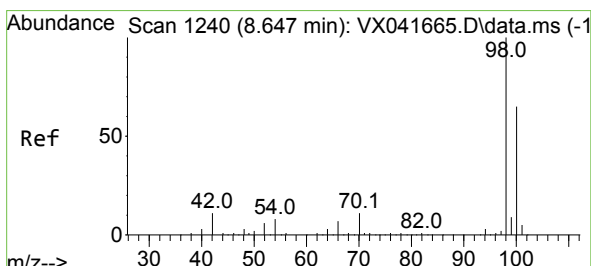
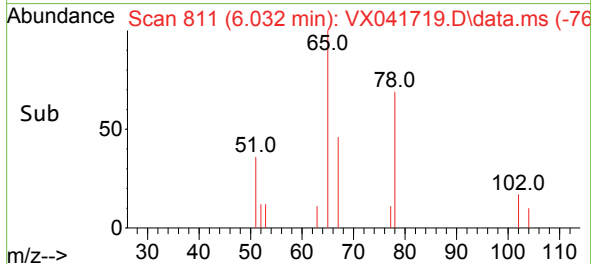
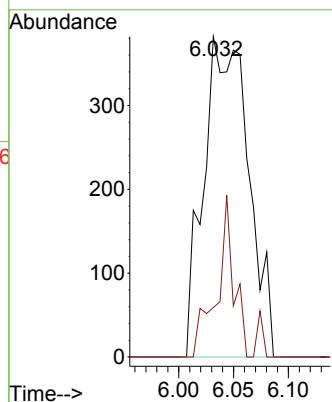
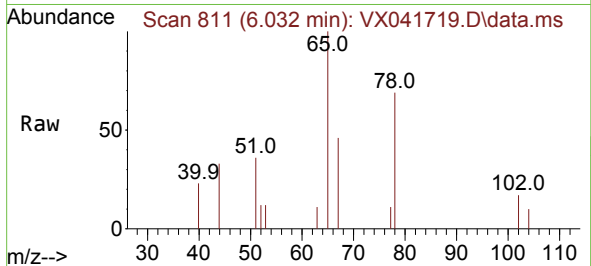




#40
Benzene
Concen: 0.207 ug/l
RT: 6.032 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

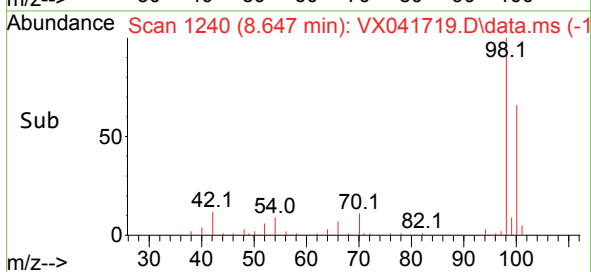
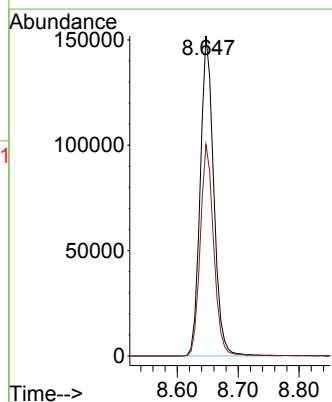
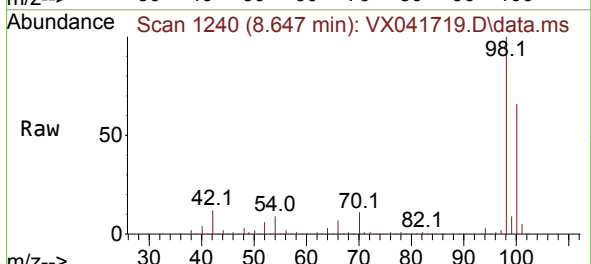
Instrument :
MSVOA_X
ClientSampleId :

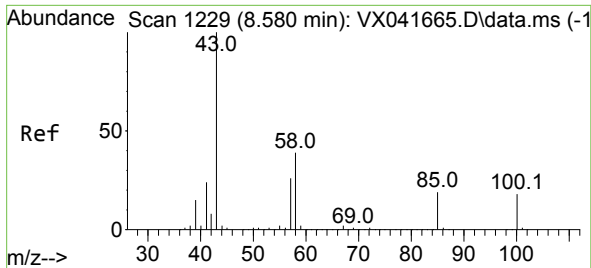
Tgt Ion: 78 Resp: 1086
Ion Ratio Lower Upper
78 100
77 15.4 19.3 28.9#



#50
Toluene-d8
Concen: 48.204 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Tgt Ion: 98 Resp: 233445
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

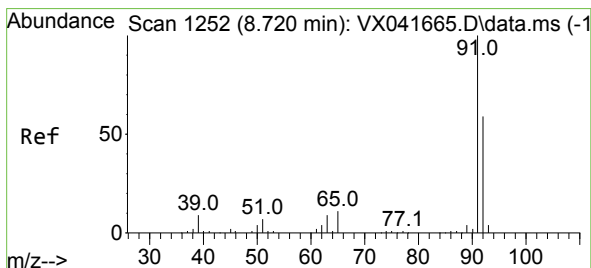
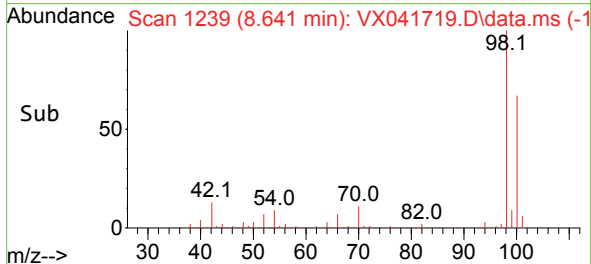
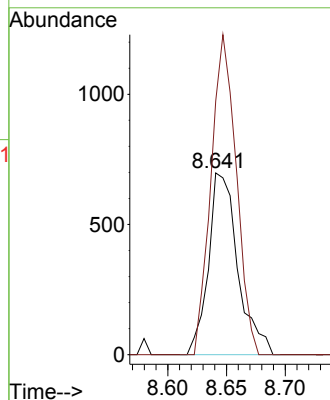
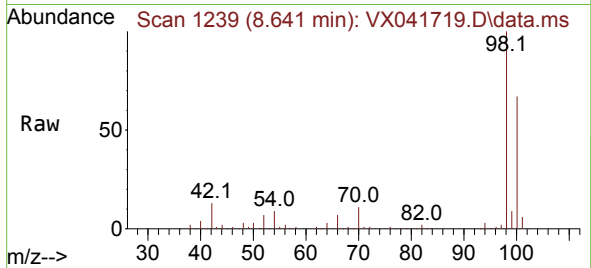




#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

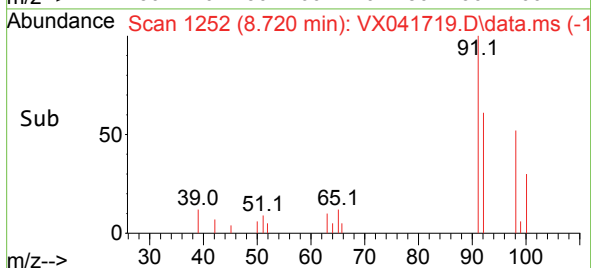
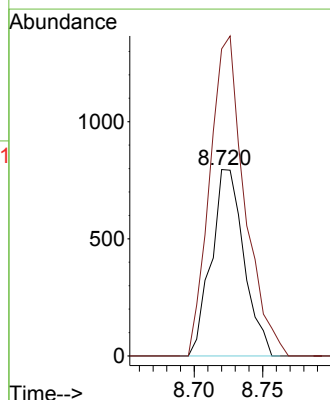
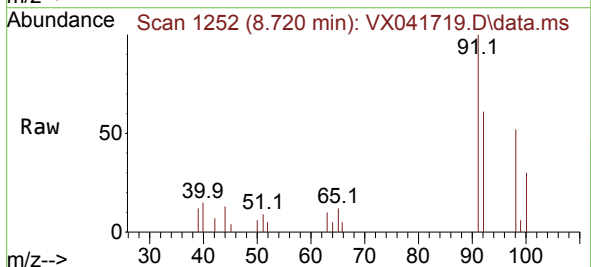
Instrument :
MSVOA_X
ClientSampleId :

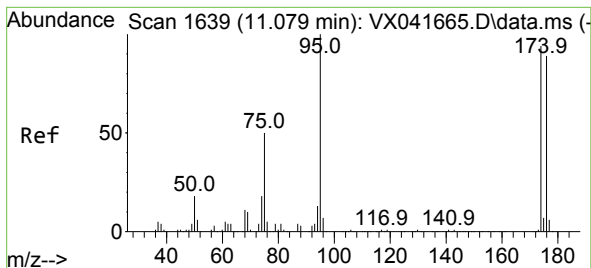
Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 151.5 30.4 45.6#



#52
Toluene
Concen: 0.396 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Tgt Ion: 92 Resp: 1318
Ion Ratio Lower Upper
92 100
91 182.9 134.2 201.2

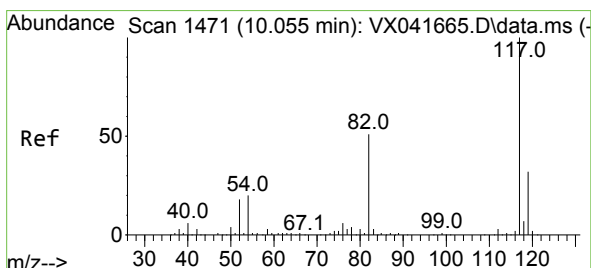
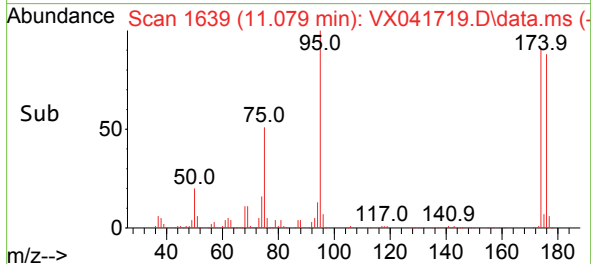
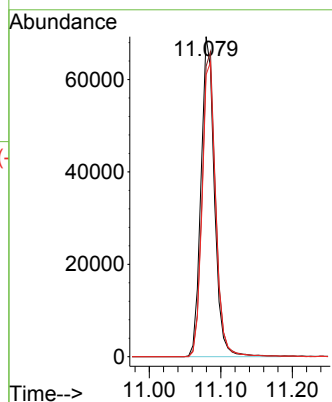
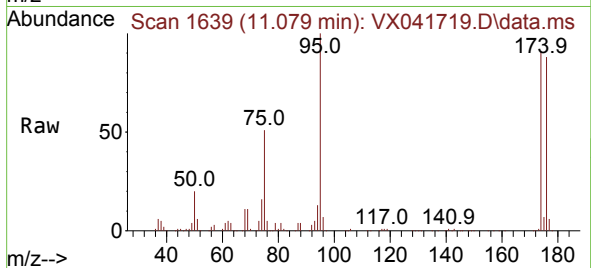




#62
4-Bromofluorobenzene
Concen: 50.409 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

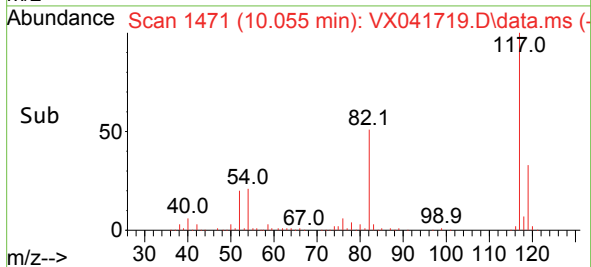
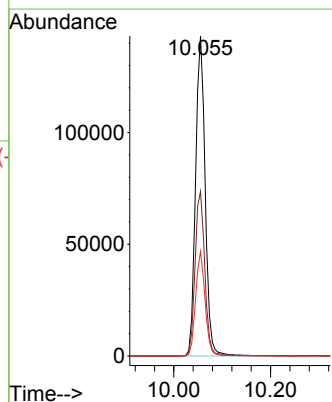
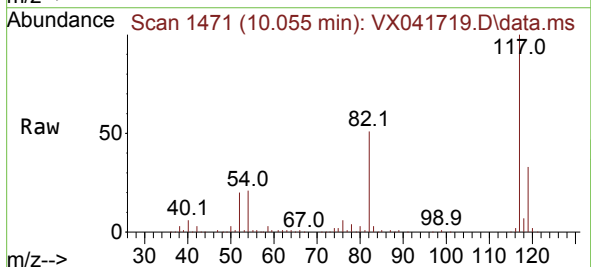
Instrument :
MSVOA_X
ClientSampleId :

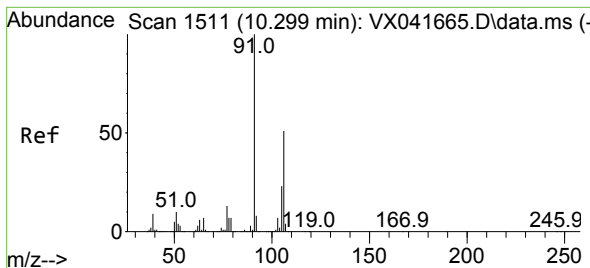
Tgt Ion: 95 Resp: 90100
Ion Ratio Lower Upper
95 100
174 96.9 0.0 135.6
176 93.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Tgt Ion: 117 Resp: 197165
Ion Ratio Lower Upper
117 100
82 51.5 46.2 69.4
119 32.7 25.5 38.3

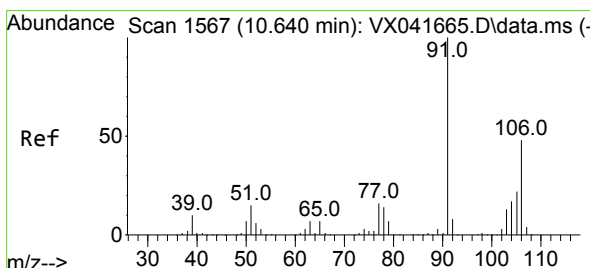
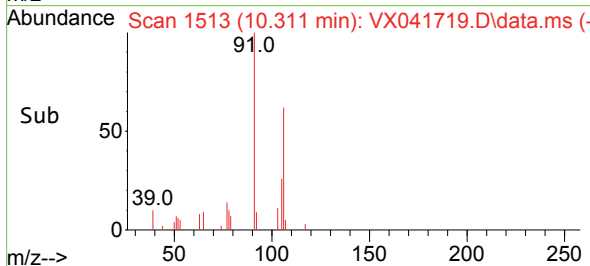
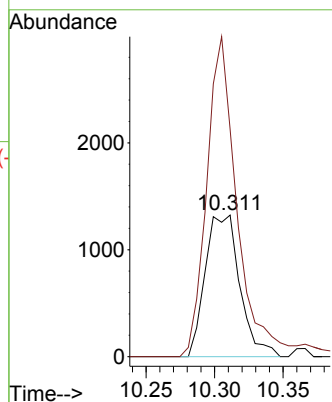
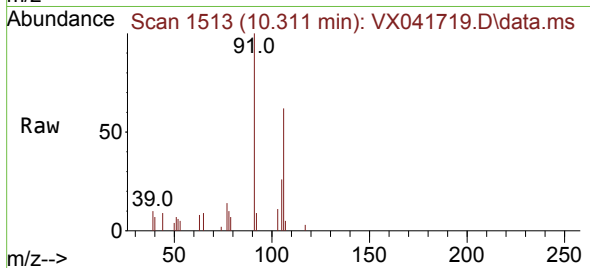




#68
m/p-Xylenes
Concen: 0.866 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

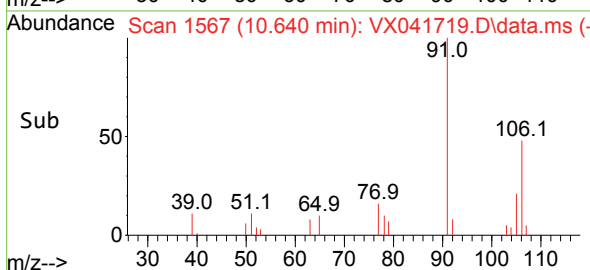
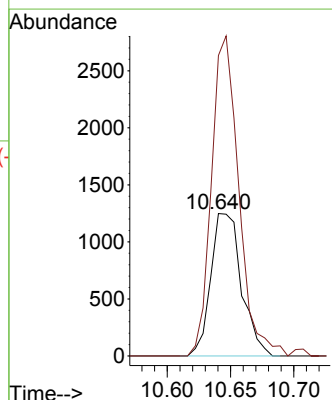
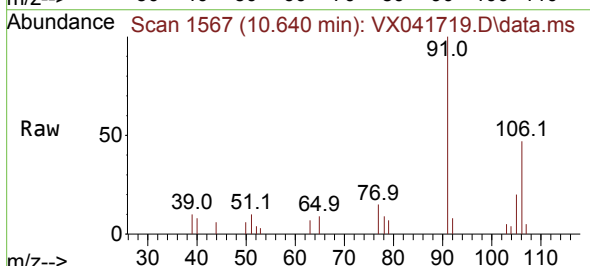
Instrument :
MSVOA_X
ClientSampleId :

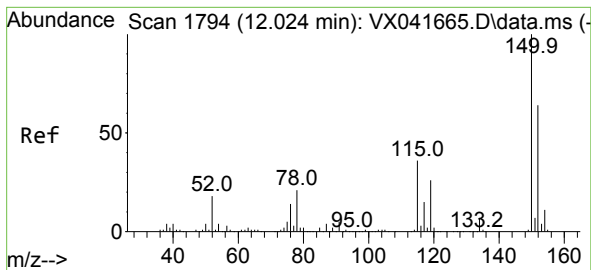
Tgt Ion:106 Resp: 2323
Ion Ratio Lower Upper
106 100
91 205.2 165.5 248.3



#69
o-Xylene
Concen: 0.789 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Tgt Ion:106 Resp: 2106
Ion Ratio Lower Upper
106 100
91 200.1 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041719.D

Acq: 03 Jun 2024 20:59

Instrument :

MSVOA_X

ClientSampleId :

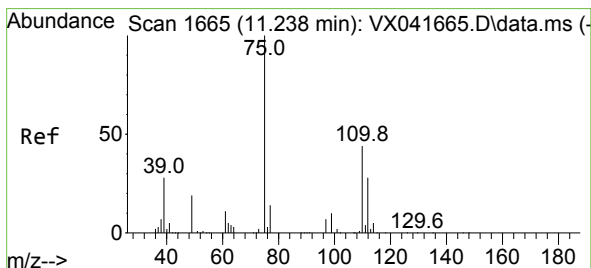
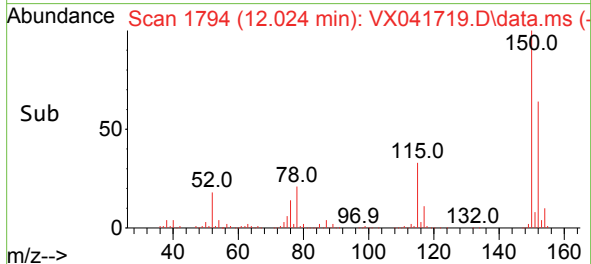
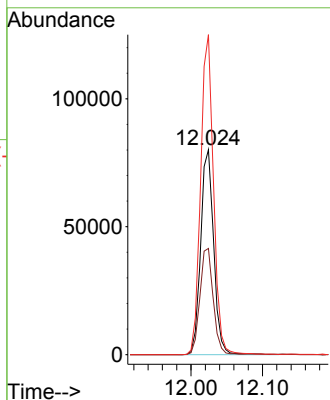
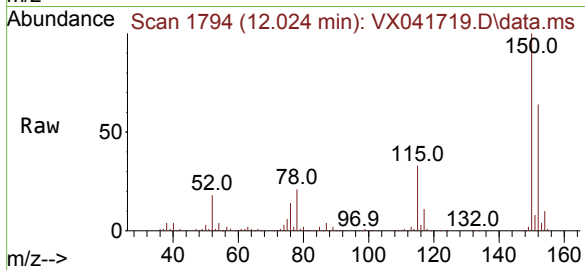
Tgt Ion:152 Resp: 101419

Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 154.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.902 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041719.D

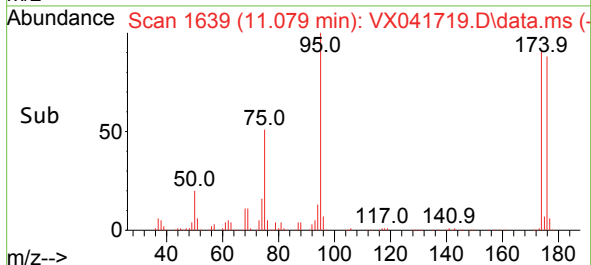
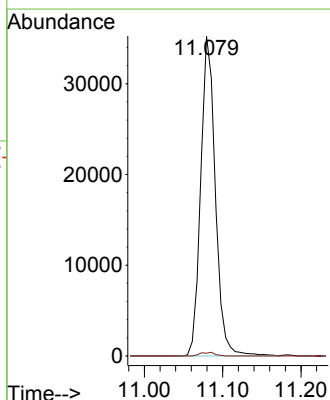
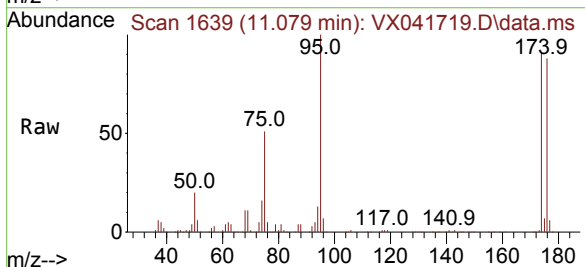
Acq: 03 Jun 2024 20:59

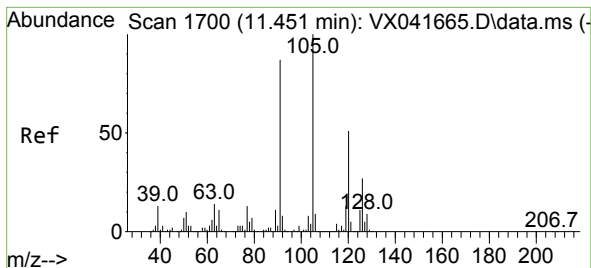
Tgt Ion: 75 Resp: 45835

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.569 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041719.D

Acq: 03 Jun 2024 20:59

Instrument :

MSVOA_X

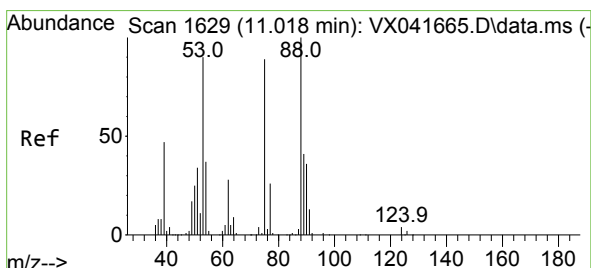
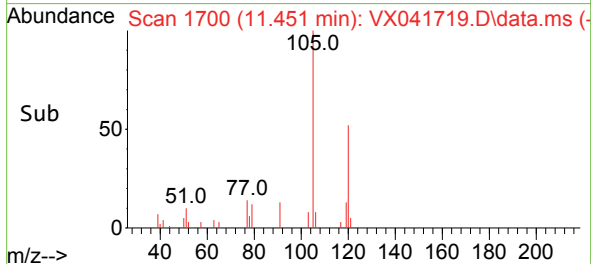
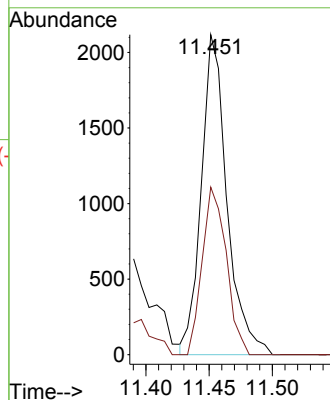
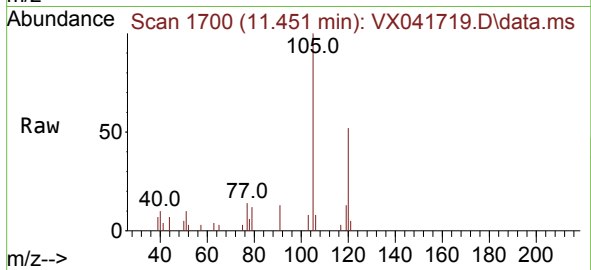
ClientSampleId :

Tgt Ion:105 Resp: 2989

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 70.596 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041719.D

Acq: 03 Jun 2024 20:59

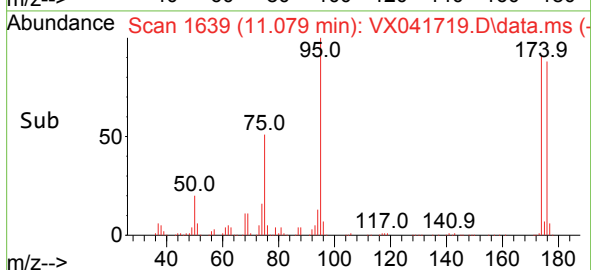
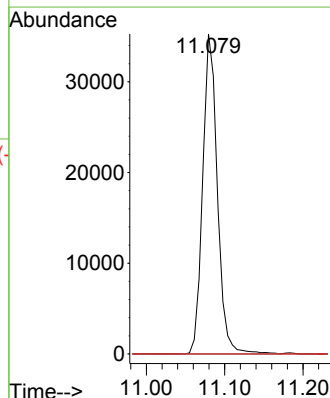
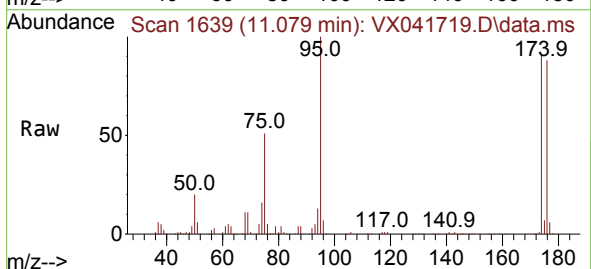
Tgt Ion: 75 Resp: 45835

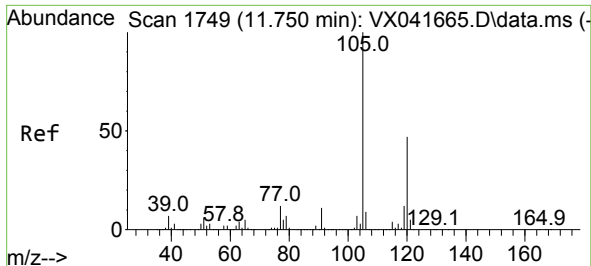
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

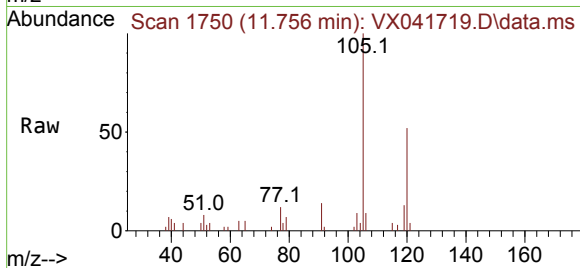
89 0.0 36.9 55.3#



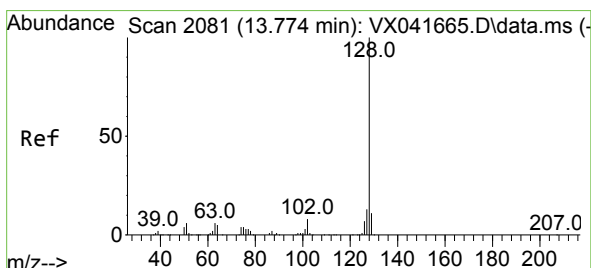
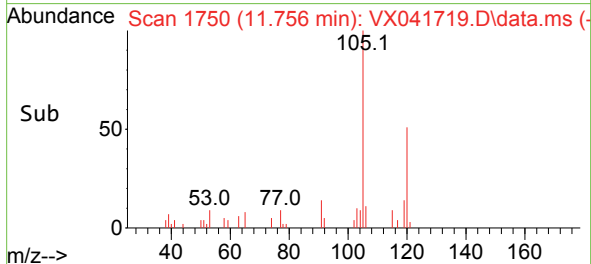
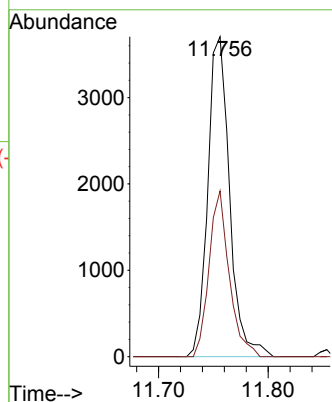


#84
1,2,4-Trimethylbenzene
Concen: 0.959 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:105 Resp: 5102
Ion Ratio Lower Upper
105 100
120 48.1 21.2 63.6



#95
Naphthalene
Concen: 53.665 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041719.D
Acq: 03 Jun 2024 20:59

Tgt Ion:128 Resp: 352568
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

