

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041718.D
 Acq On : 03 Jun 2024 20:35
 Operator : JC/MD
 Sample : P2657-06 100X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 00:55:32 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

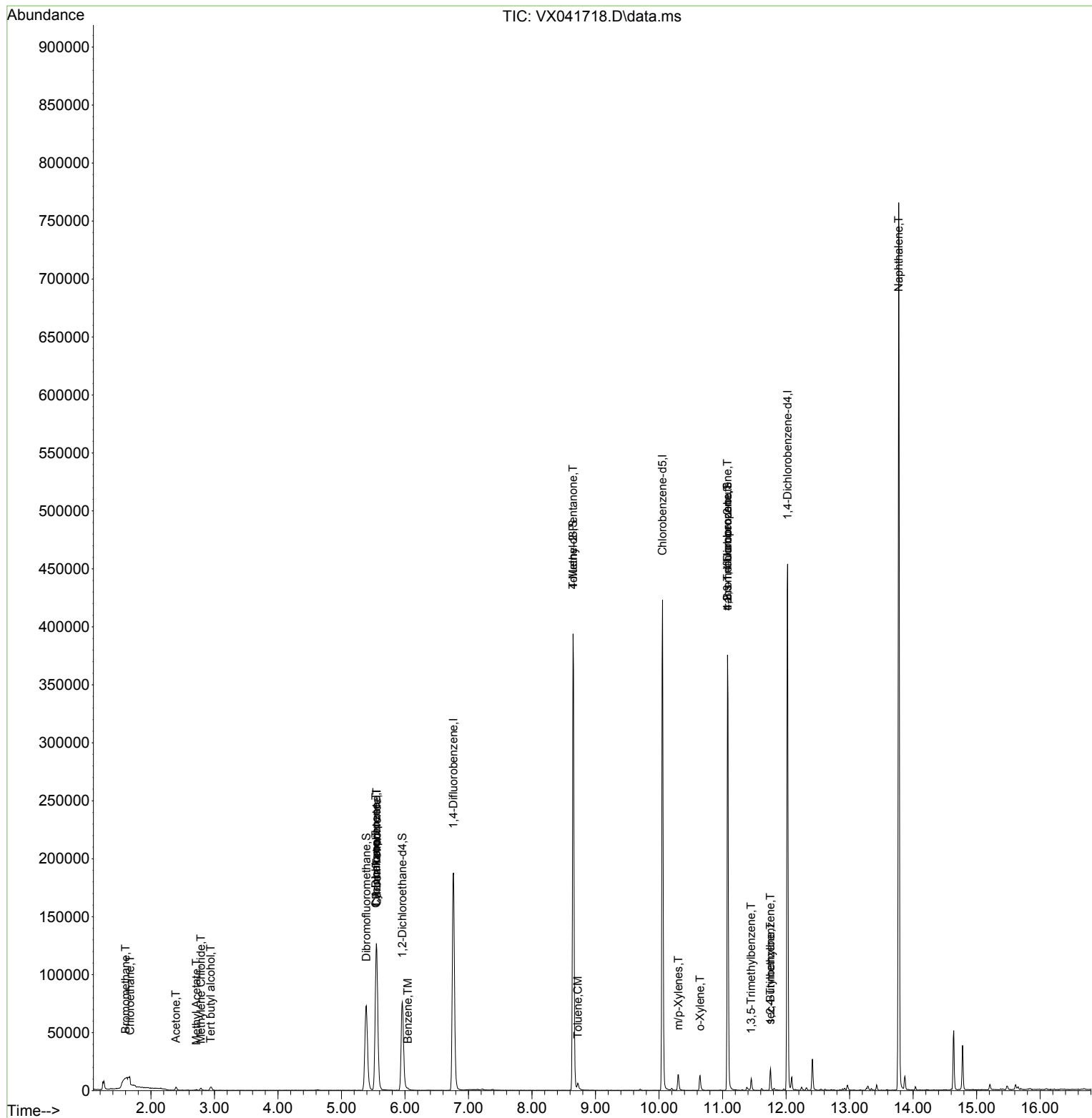
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	134080	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	203374	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77587	47.181	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.360%
35) Dibromofluoromethane	5.391	113	63319	45.031	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	236672	48.171	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.079	95	92311	50.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.820%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	244	0.265	ug/l	# 67
6) Chloroethane	1.672	64	348	0.435	ug/l	# 87
11) Tert butyl alcohol	2.941	59	1935	6.652	ug/l	# 78
16) Acetone	2.392	43	2863	1.277	ug/l	95
18) Methyl Acetate	2.715	43	706	0.450	ug/l	93
20) Methylene Chloride	2.788	84	885	0.601	ug/l	# 80
31) Cyclohexane	5.544	56	2489	1.282	ug/l	# 10
36) 1,1-Dichloropropene	5.544	75	8609	5.056	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	11838	6.120	ug/l	# 14
40) Benzene	6.044	78	1511	0.284	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1128	0.536	ug/l	# 1
52) Toluene	8.720	92	2193	0.649	ug/l	92
68) m/p-Xylenes	10.305	106	3730	1.369	ug/l	100
69) o-Xylene	10.646	106	3072	1.134	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	46902	25.999	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	4896	0.914	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	46902	70.859	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	8578	1.581	ug/l	91
85) sec-Butylbenzene	11.756	105	8578	1.297	ug/l	# 57
95) Naphthalene	13.774	128	464885	69.408	ug/l	100

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

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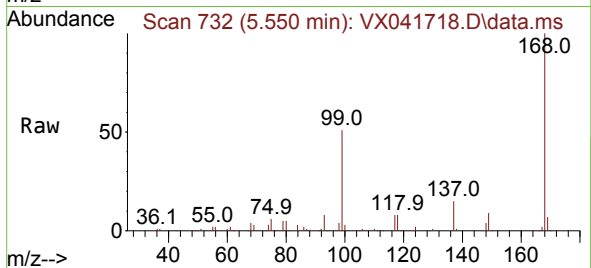
Quant Time: Jun 04 00:55:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
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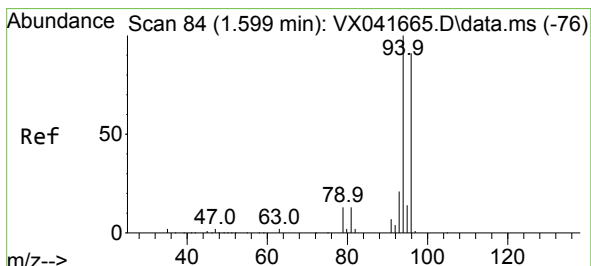
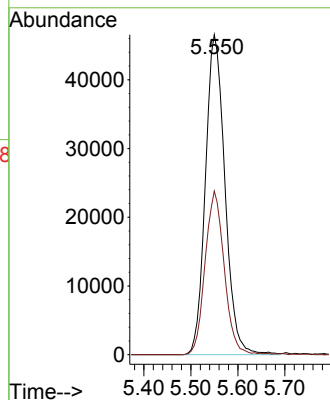
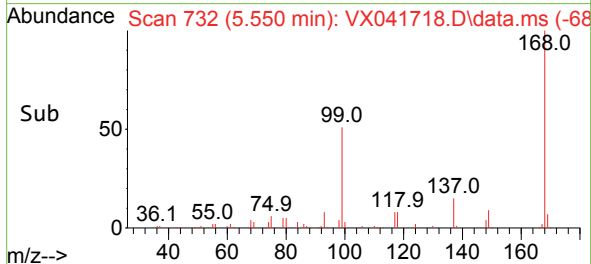


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Instrument :
MSVOA_X
ClientSampleId :

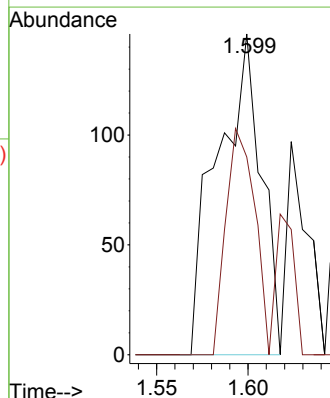
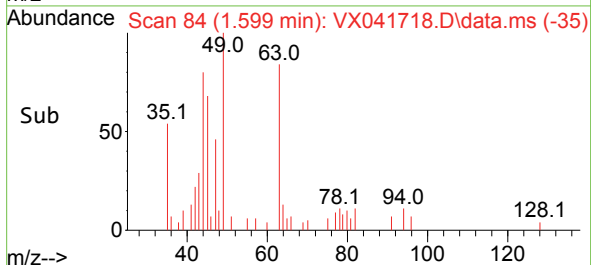
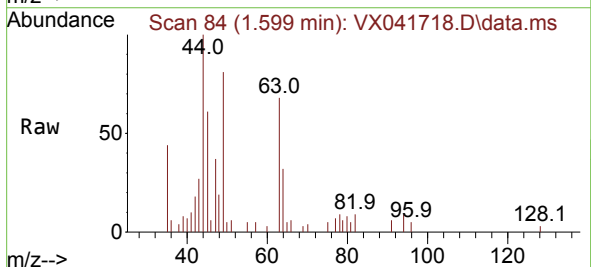


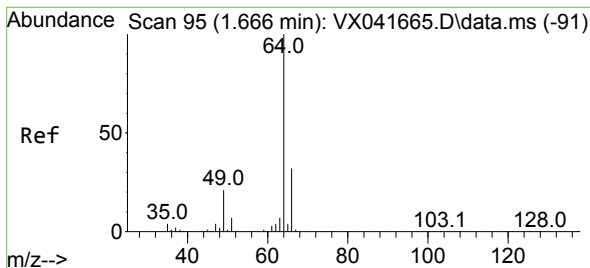
Tgt Ion:168 Resp: 134080
Ion Ratio Lower Upper
168 100
99 51.2 56.6 85.0#



#5
Bromomethane
Concen: 0.265 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Tgt Ion: 94 Resp: 244
Ion Ratio Lower Upper
94 100
96 61.6 74.6 111.8#





#6

Chloroethane

Concen: 0.435 ug/l

RT: 1.672 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX041718.D

Acq: 03 Jun 2024 20:35

Instrument :

MSVOA_X

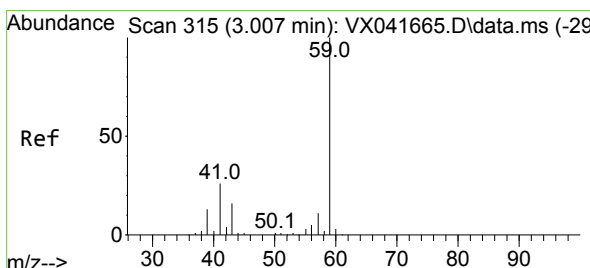
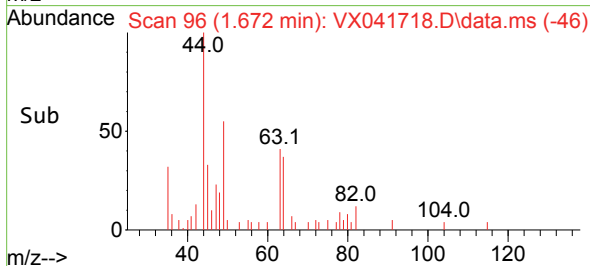
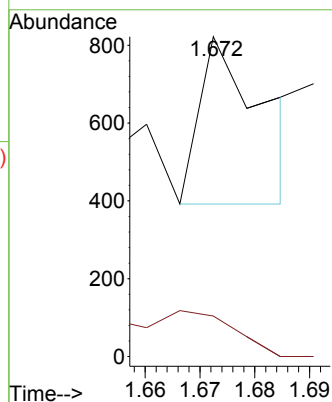
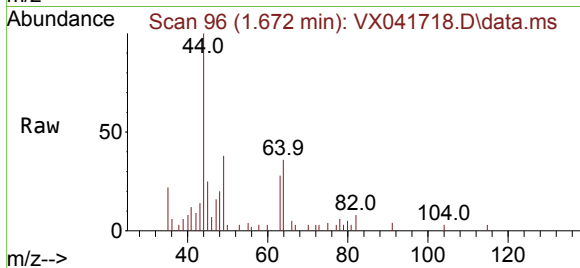
ClientSampleId :

Tgt Ion: 64 Resp: 348

Ion Ratio Lower Upper

64 100

66 24.2 25.1 37.7#



#11

Tert butyl alcohol

Concen: 6.652 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX041718.D

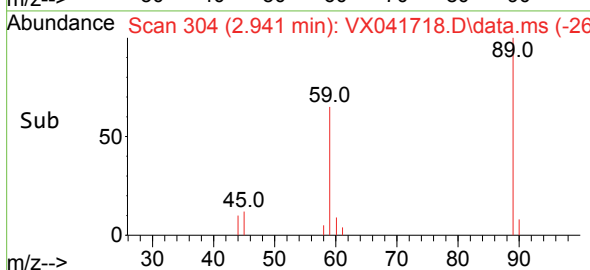
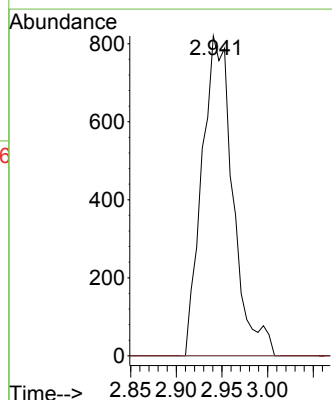
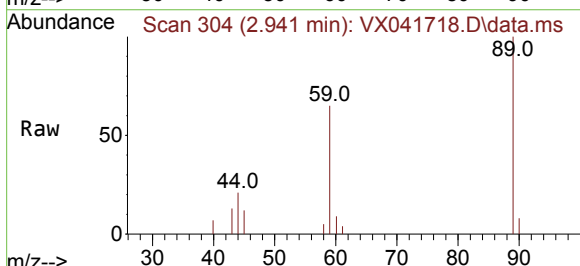
Acq: 03 Jun 2024 20:35

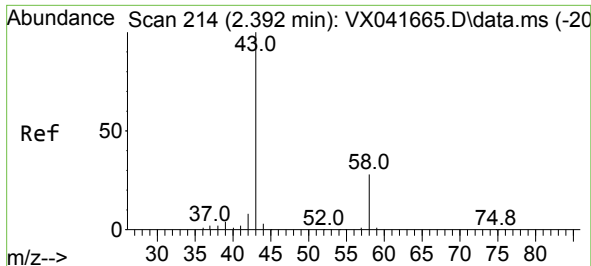
Tgt Ion: 59 Resp: 1935

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.277 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041718.D

Acq: 03 Jun 2024 20:35

Instrument :

MSVOA_X

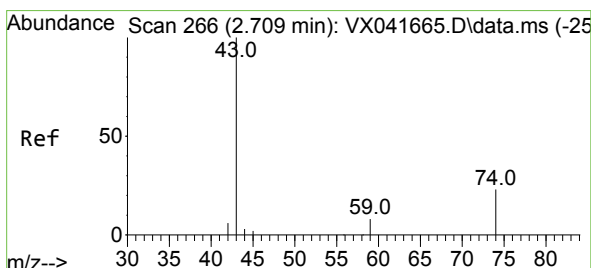
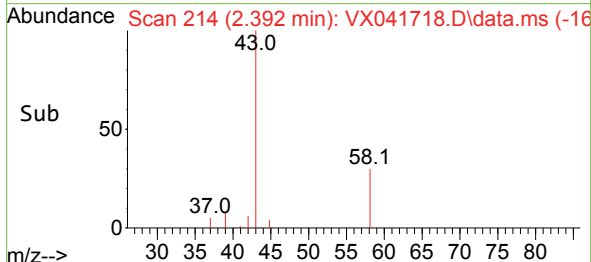
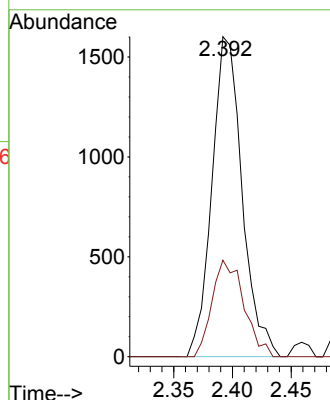
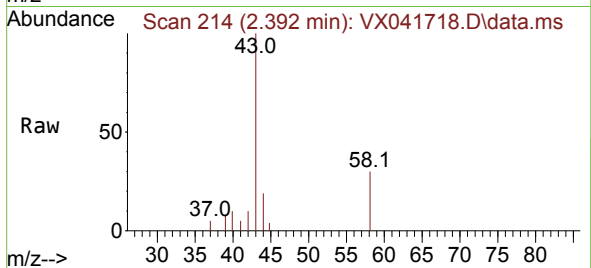
ClientSampleId :

Tgt Ion: 43 Resp: 2863

Ion Ratio Lower Upper

43 100

58 30.1 21.9 32.9



#18

Methyl Acetate

Concen: 0.450 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX041718.D

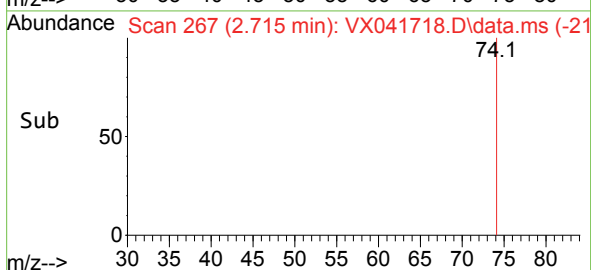
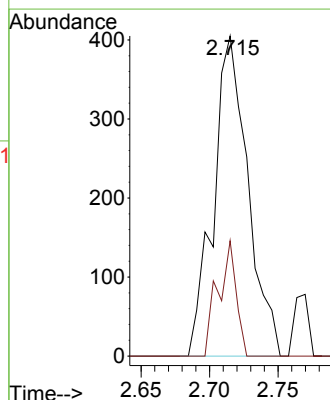
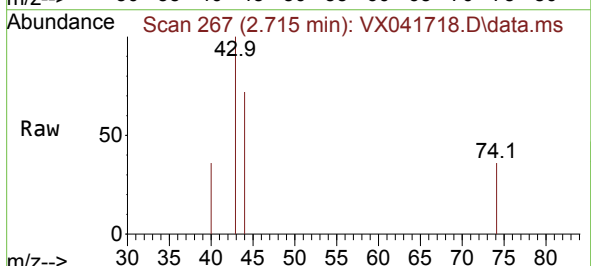
Acq: 03 Jun 2024 20:35

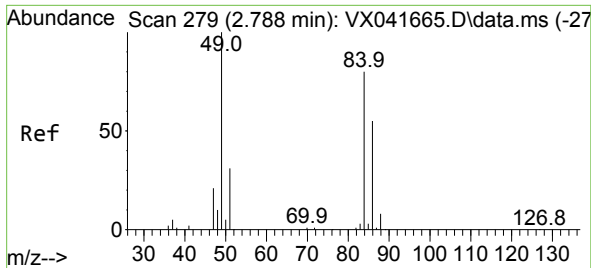
Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

43 100

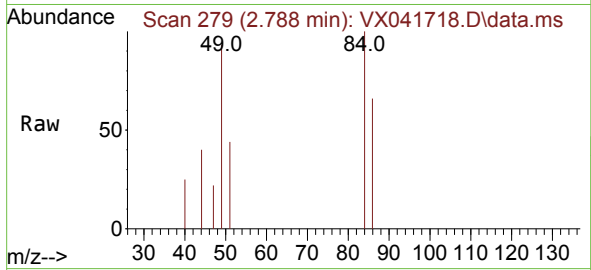
74 19.1 17.8 26.8



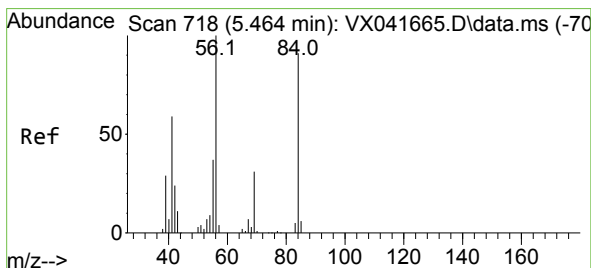
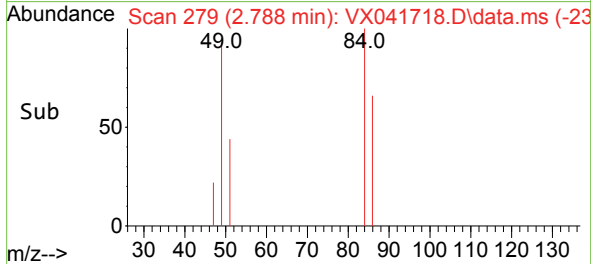
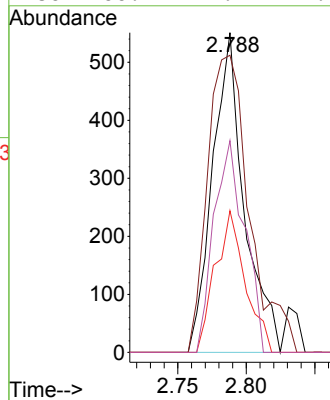


#20
Methylene Chloride
Concen: 0.601 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Instrument :
MSVOA_X
ClientSampleId :

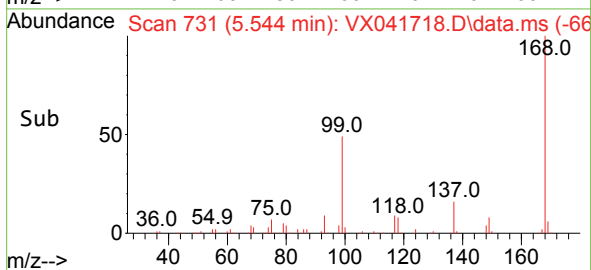
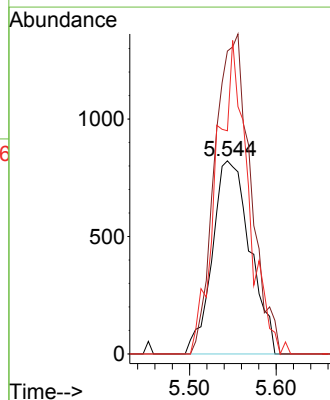
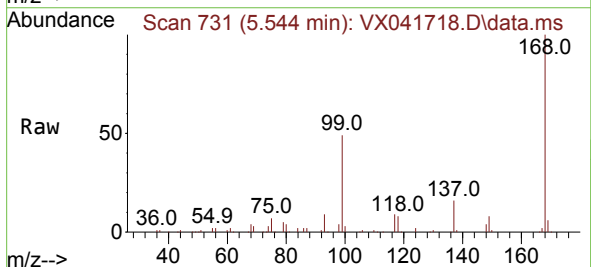


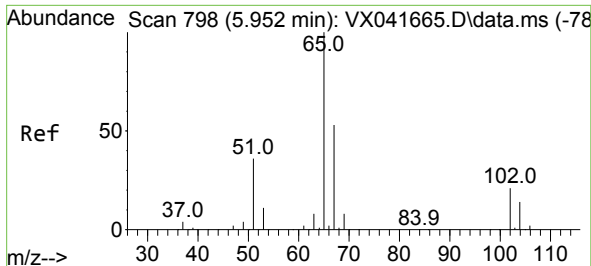
Tgt Ion: 84 Resp: 885
Ion Ratio Lower Upper
84 100
49 92.9 103.6 155.4#
51 44.3 33.8 50.6
86 66.2 49.4 74.0



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Tgt Ion: 56 Resp: 2489
Ion Ratio Lower Upper
56 100
69 156.8 23.4 35.2#
84 115.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.181 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041718.D

Acq: 03 Jun 2024 20:35

Instrument :

MSVOA_X

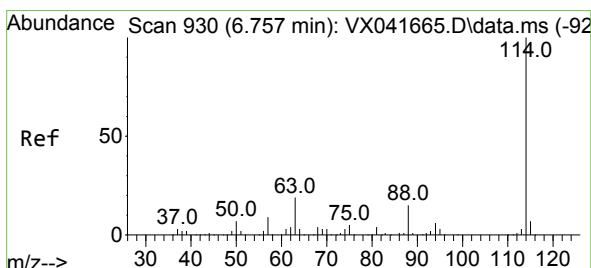
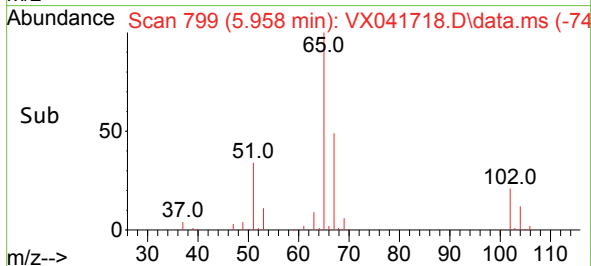
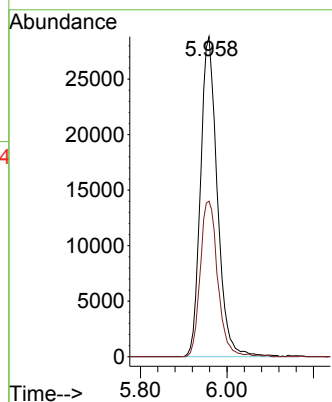
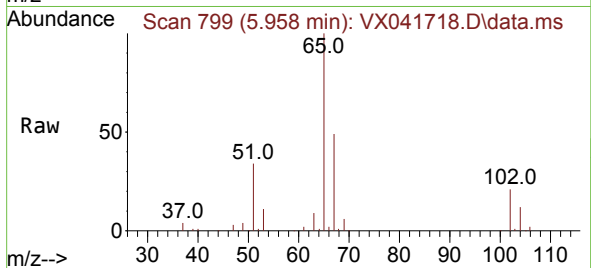
ClientSampleId :

Tgt Ion: 65 Resp: 77587

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041718.D

Acq: 03 Jun 2024 20:35

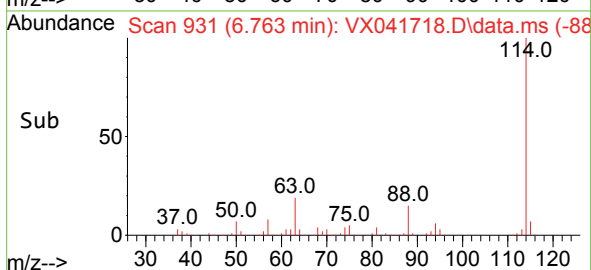
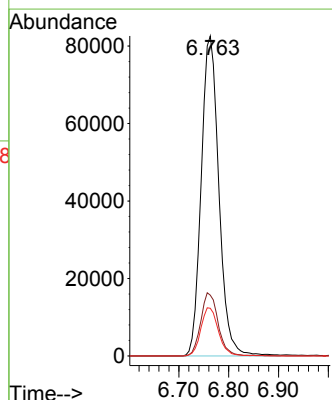
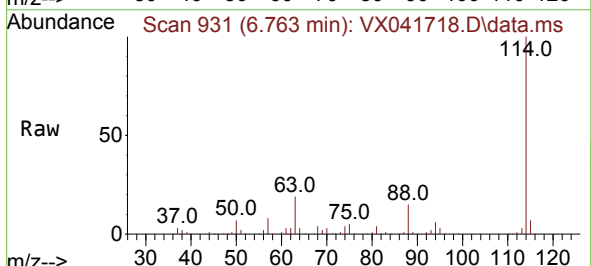
Tgt Ion: 114 Resp: 203374

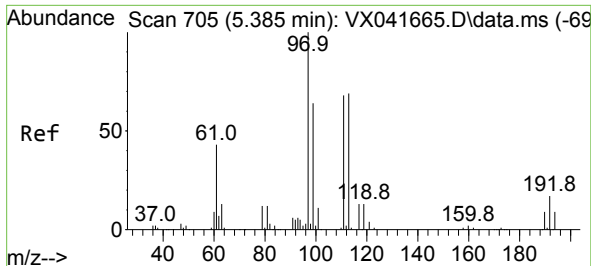
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

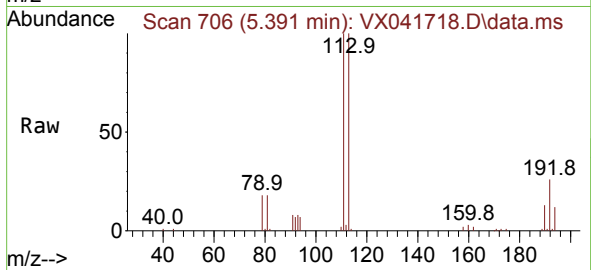
88 14.9 0.0 36.6



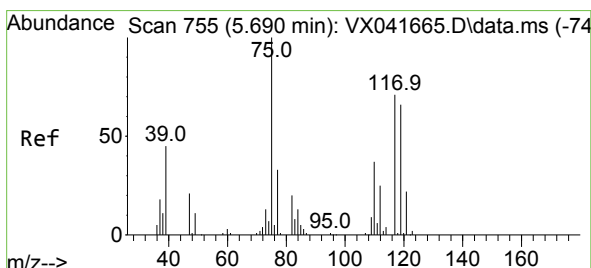
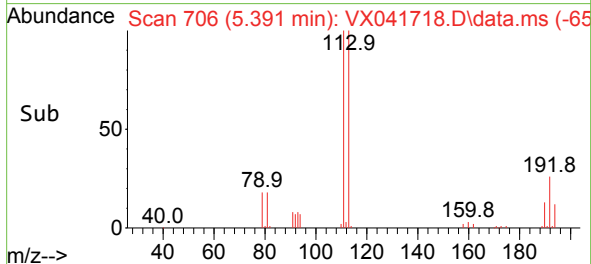
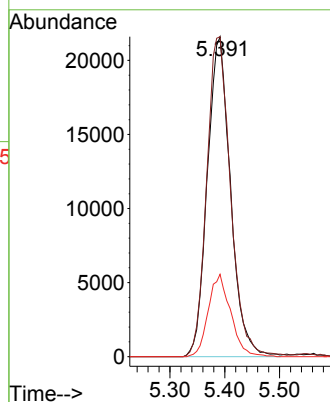


#35
Dibromofluoromethane
Concen: 45.031 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Instrument :
MSVOA_X
ClientSampleId :

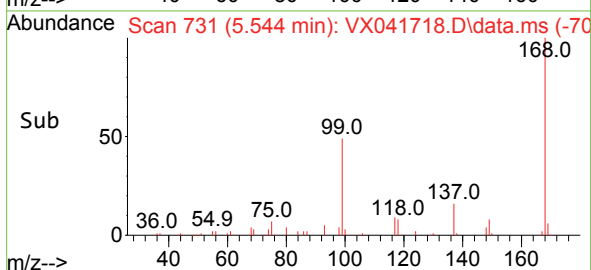
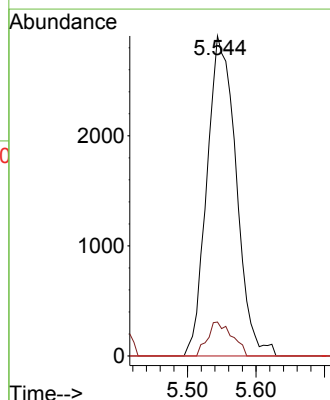
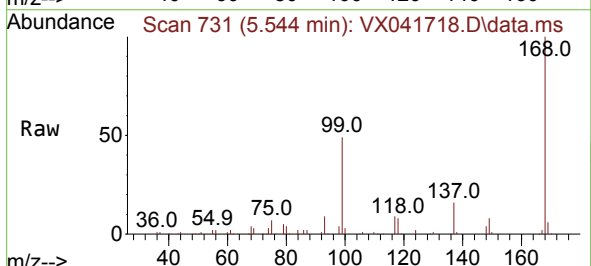


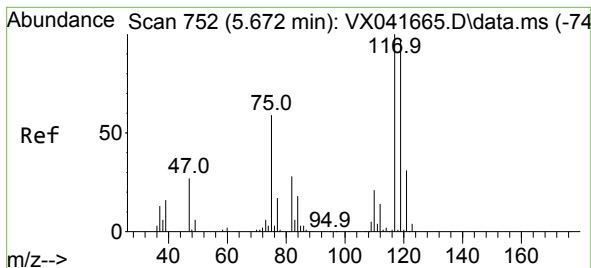
Tgt Ion:113 Resp: 63319
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 24.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Tgt Ion: 75 Resp: 8609
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.120 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.116 min

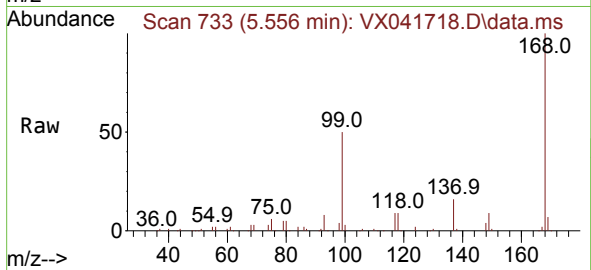
Lab File: VX041718.D

Acq: 03 Jun 2024 20:35

Instrument :

MSVOA_X

ClientSampleId :



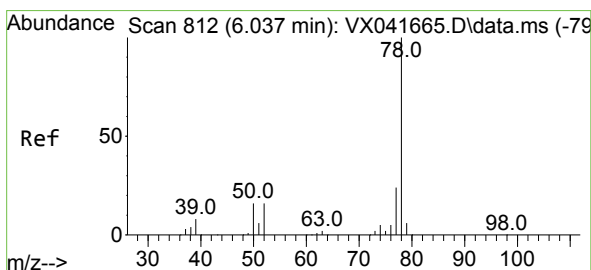
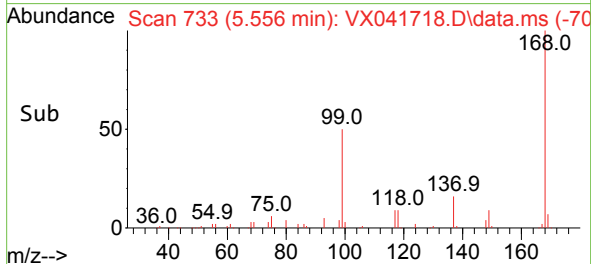
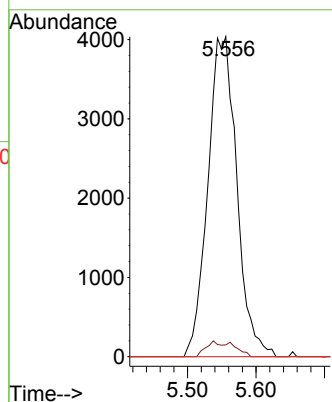
Tgt Ion:117 Resp: 11838

Ion Ratio Lower Upper

117 100

119 3.7 78.2 117.2#

121 0.0 24.4 36.6#



#40

Benzene

Concen: 0.284 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX041718.D

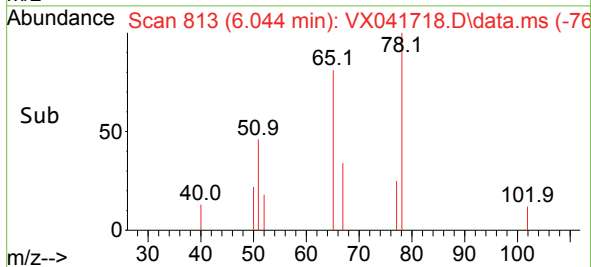
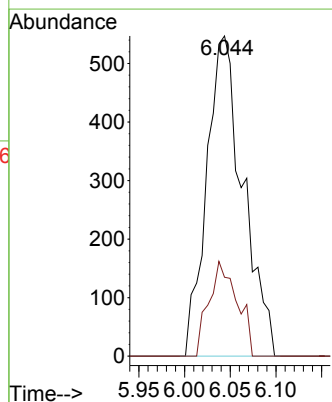
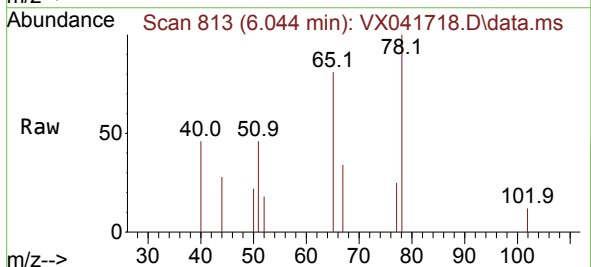
Acq: 03 Jun 2024 20:35

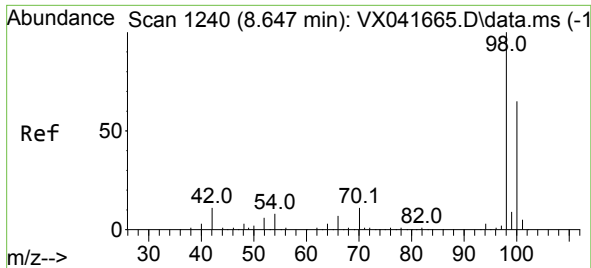
Tgt Ion: 78 Resp: 1511

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9

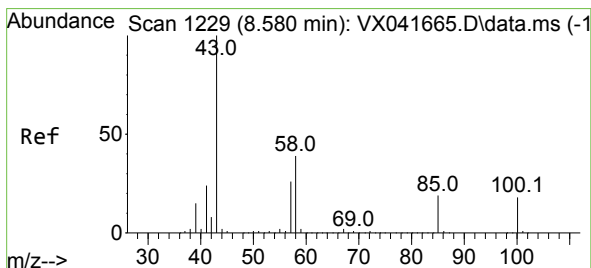
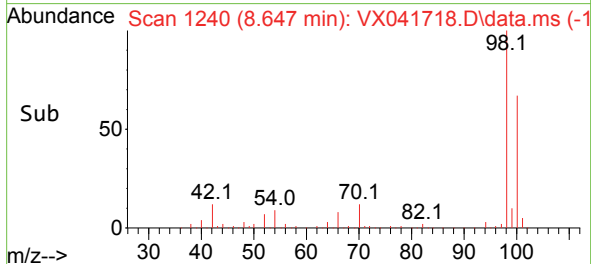
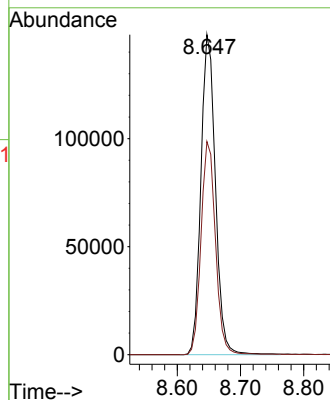
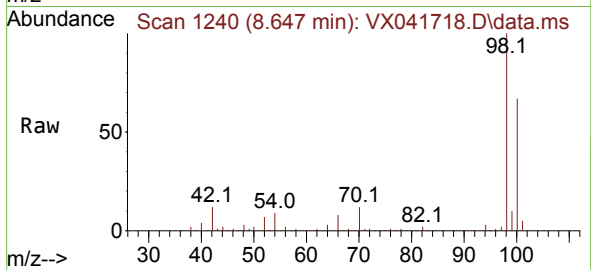




#50
Toluene-d8
Concen: 48.171 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

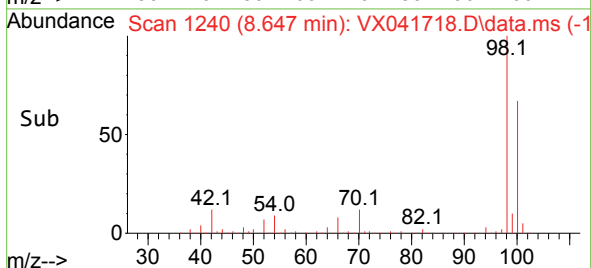
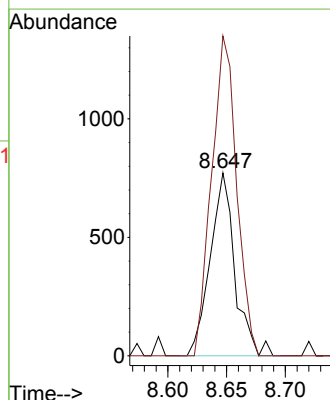
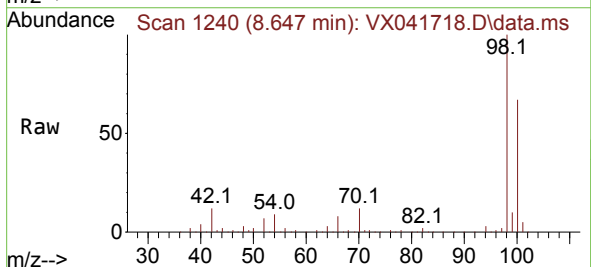
Instrument :
MSVOA_X
ClientSampleId :

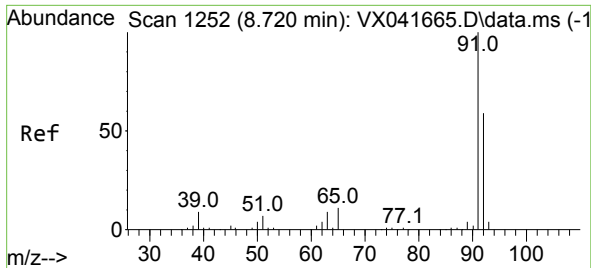
Tgt Ion: 98 Resp: 236672
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 177.8 30.4 45.6#

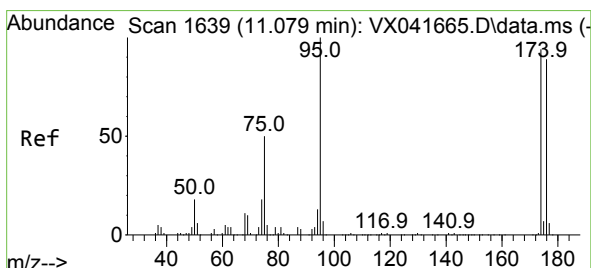
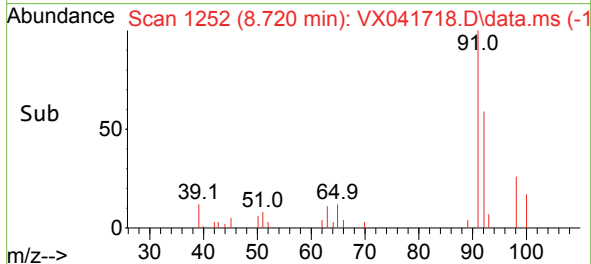
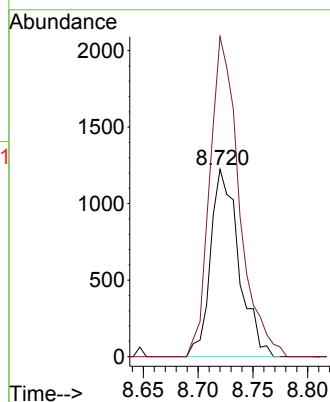
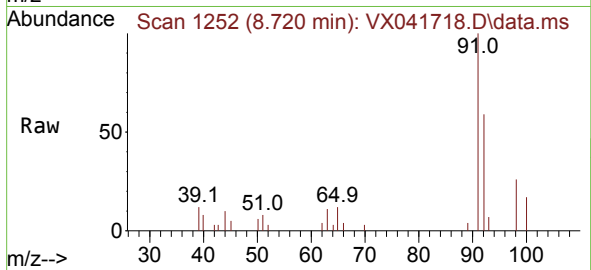




#52
Toluene
Concen: 0.649 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

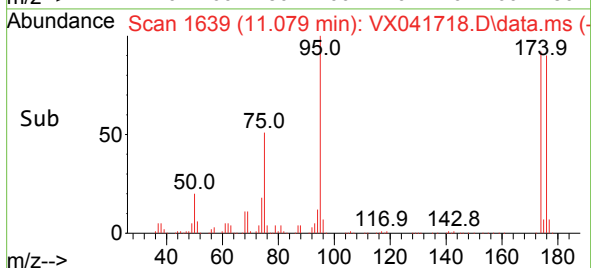
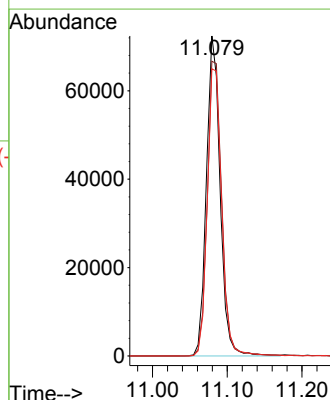
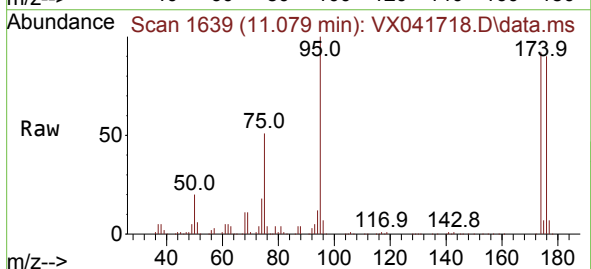
Instrument :
MSVOA_X
ClientSampleId :

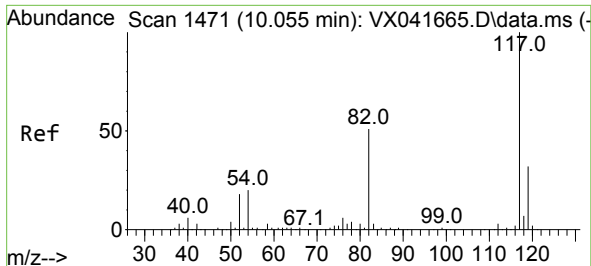
Tgt Ion: 92 Resp: 2193
Ion Ratio Lower Upper
92 100
91 178.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Tgt Ion: 95 Resp: 92311
Ion Ratio Lower Upper
95 100
174 97.3 0.0 135.6
176 94.3 0.0 131.0

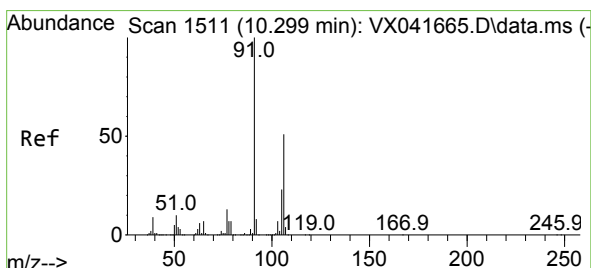
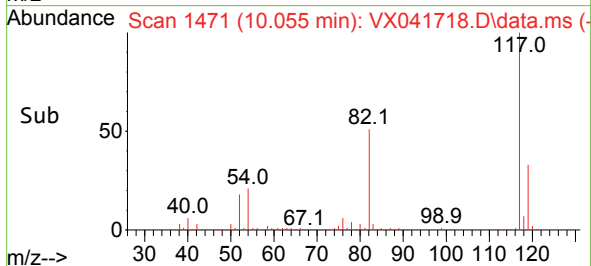
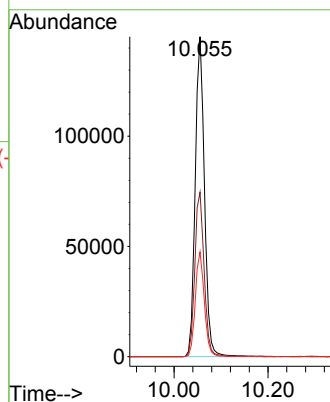
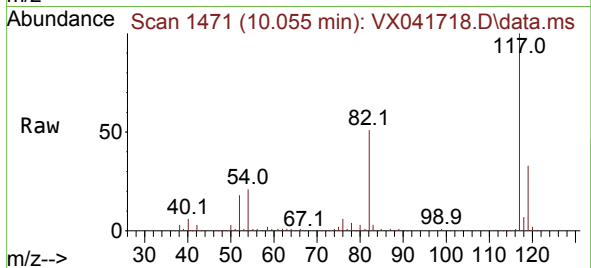




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

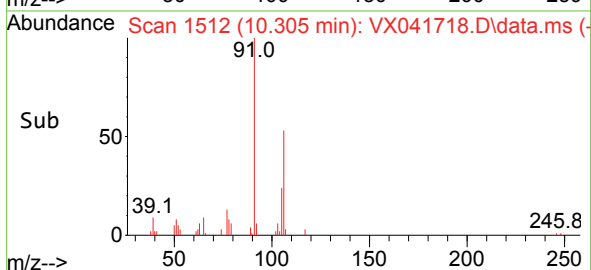
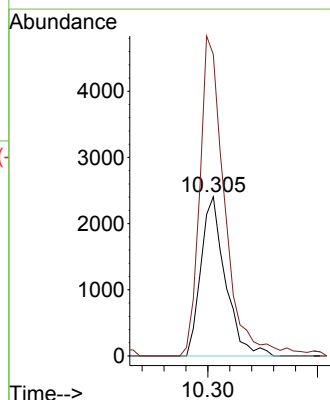
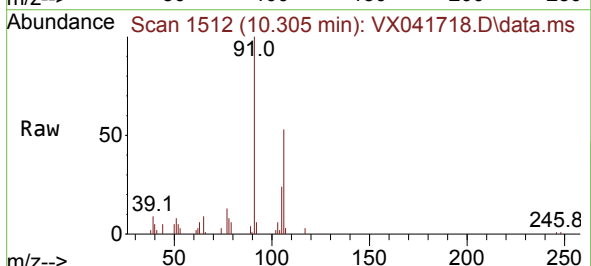
Instrument :
MSVOA_X
ClientSampleId :

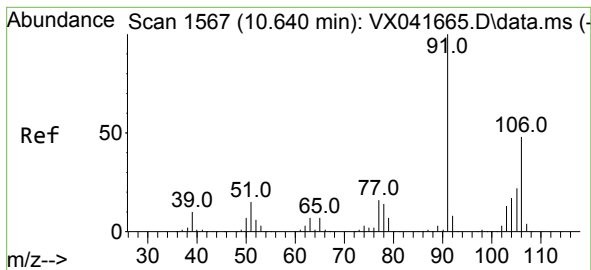
Tgt Ion:117 Resp: 200188
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 32.7 25.5 38.3



#68
m/p-Xylenes
Concen: 1.369 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Tgt Ion:106 Resp: 3730
Ion Ratio Lower Upper
106 100
91 206.6 165.5 248.3





#69

o-Xylene

Concen: 1.134 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041718.D

Acq: 03 Jun 2024 20:35

Instrument :

MSVOA_X

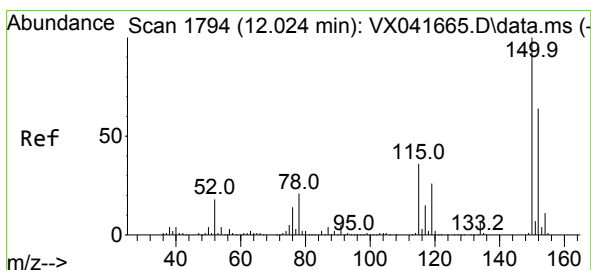
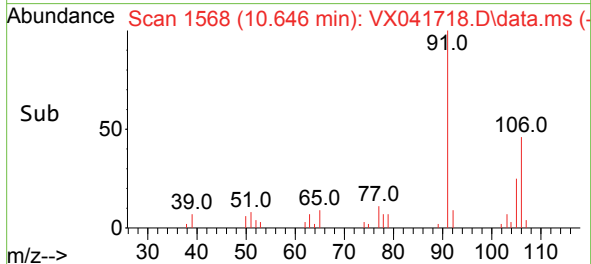
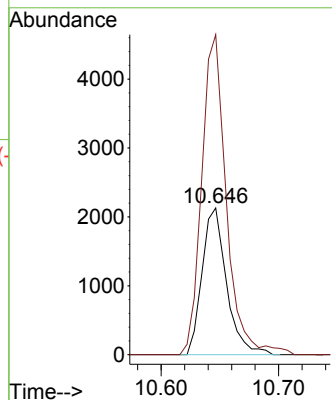
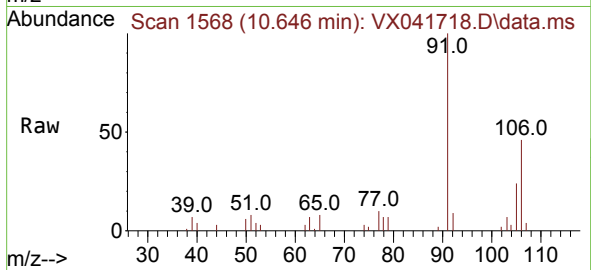
ClientSampleId :

Tgt Ion:106 Resp: 3072

Ion Ratio Lower Upper

106 100

91 219.7 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041718.D

Acq: 03 Jun 2024 20:35

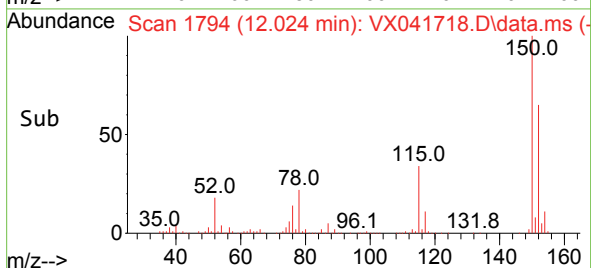
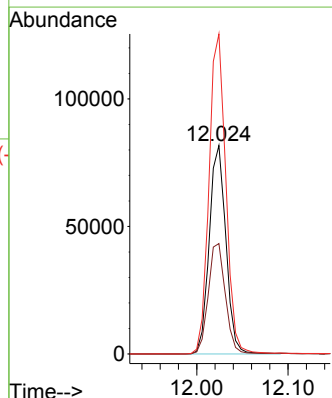
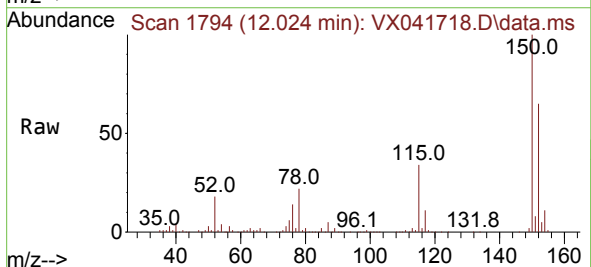
Tgt Ion:152 Resp: 103395

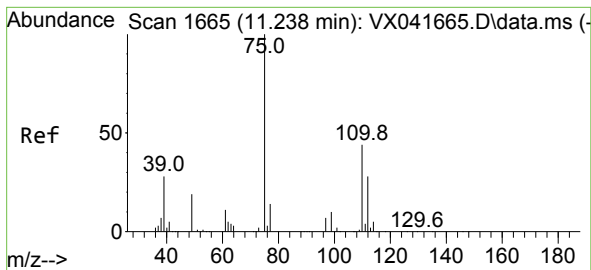
Ion Ratio Lower Upper

152 100

115 54.4 43.3 129.9

150 155.2 0.0 345.0

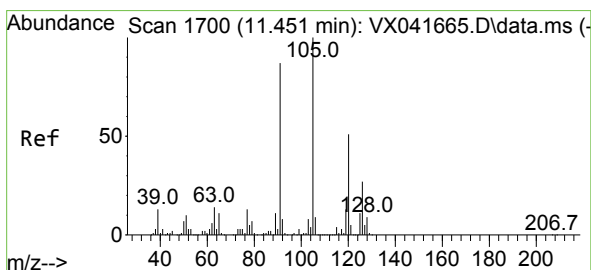
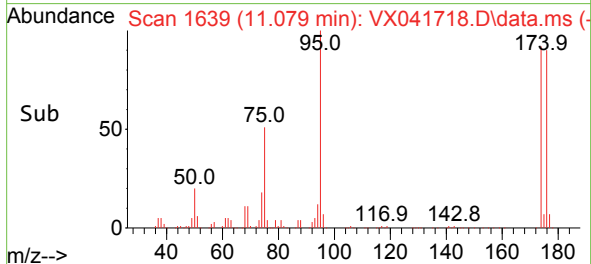
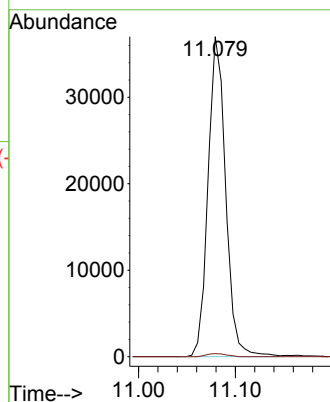
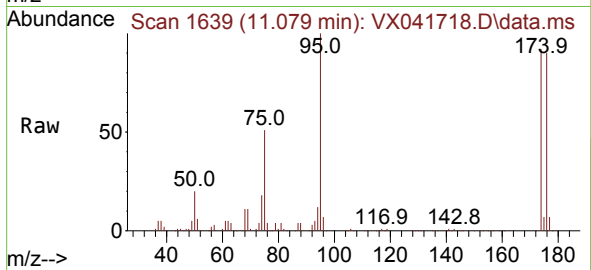




#76
1,2,3-Trichloropropane
Concen: 25.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

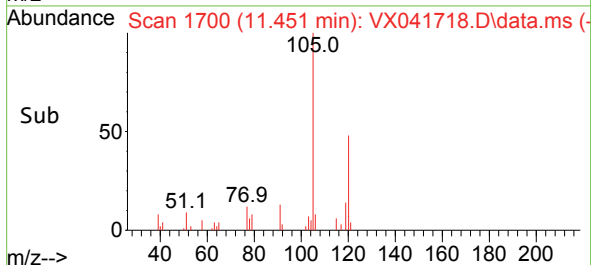
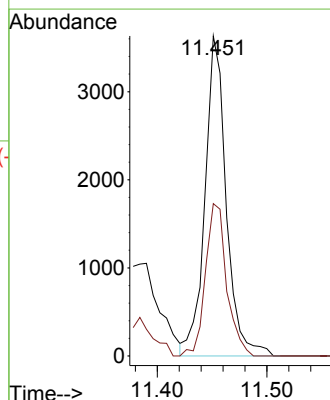
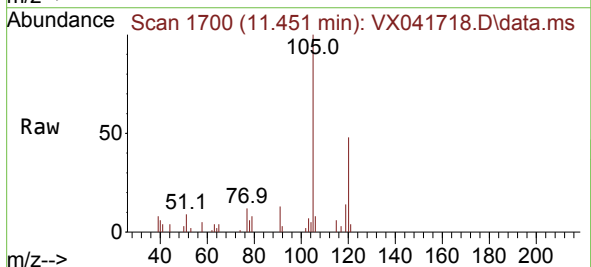
Instrument :
MSVOA_X
ClientSampleId :

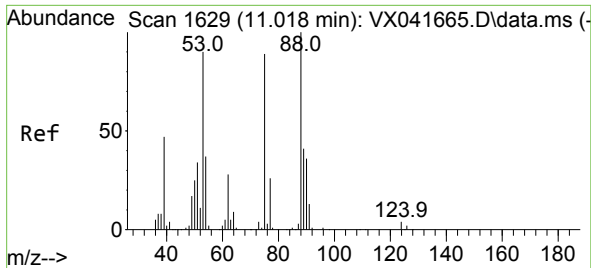
Tgt Ion: 75 Resp: 46902
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.914 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041718.D
Acq: 03 Jun 2024 20:35

Tgt Ion: 105 Resp: 4896
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

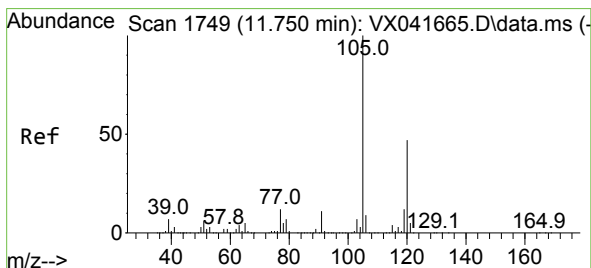
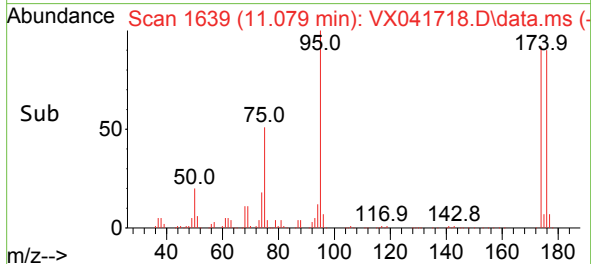
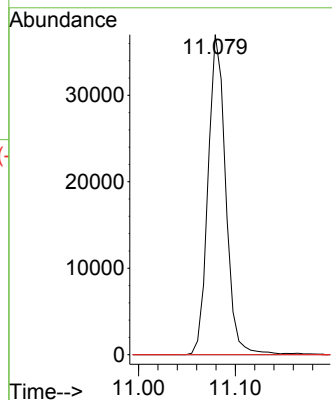
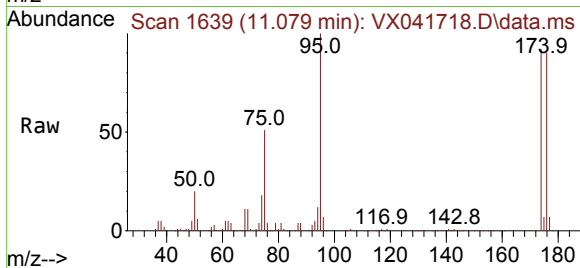




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.859 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041718.D
 Acq: 03 Jun 2024 20:35

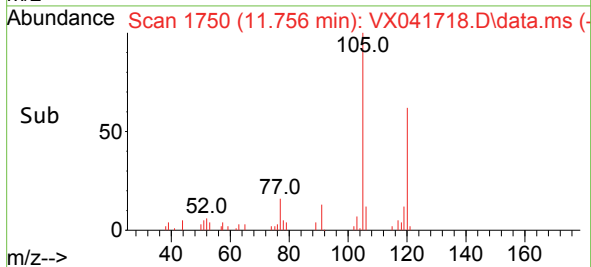
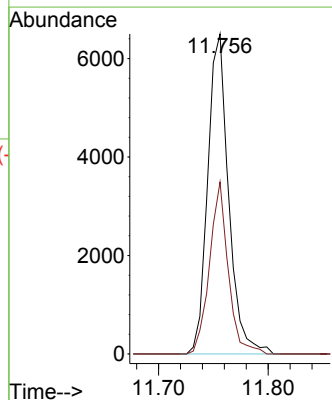
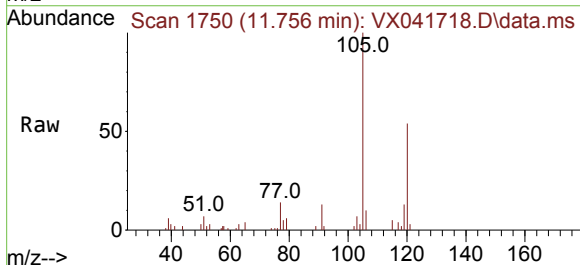
Instrument :
 MSVOA_X
 ClientSampleId :

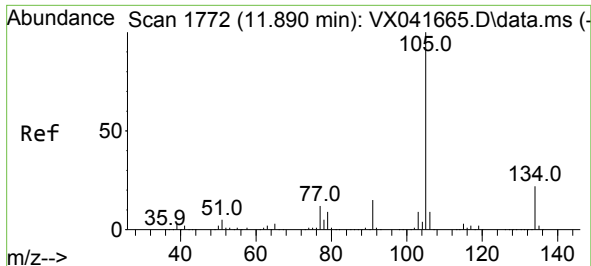
Tgt Ion: 75 Resp: 46902
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.581 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX041718.D
 Acq: 03 Jun 2024 20:35

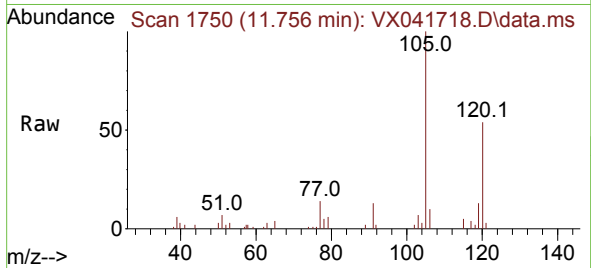
Tgt Ion:105 Resp: 8578
 Ion Ratio Lower Upper
 105 100
 120 48.2 21.2 63.6



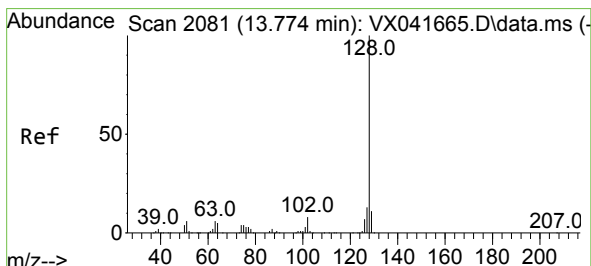
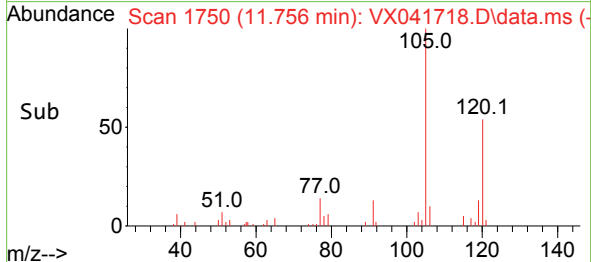
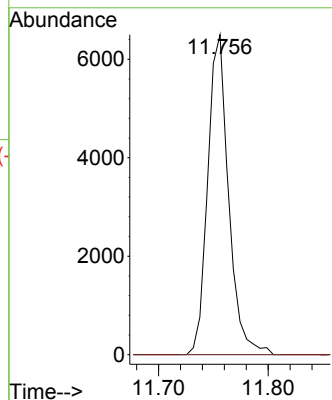


#85
 sec-Butylbenzene
 Concen: 1.297 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.134 min
 Lab File: VX041718.D
 Acq: 03 Jun 2024 20:35

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 8578
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#95
 Naphthalene
 Concen: 69.408 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX041718.D
 Acq: 03 Jun 2024 20:35

Tgt Ion:128 Resp: 464885
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.0 8.8 13.2

