

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041753.D
 Acq On : 05 Jun 2024 16:25
 Operator : JC/MD
 Sample : P2718-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 02:21:58 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)

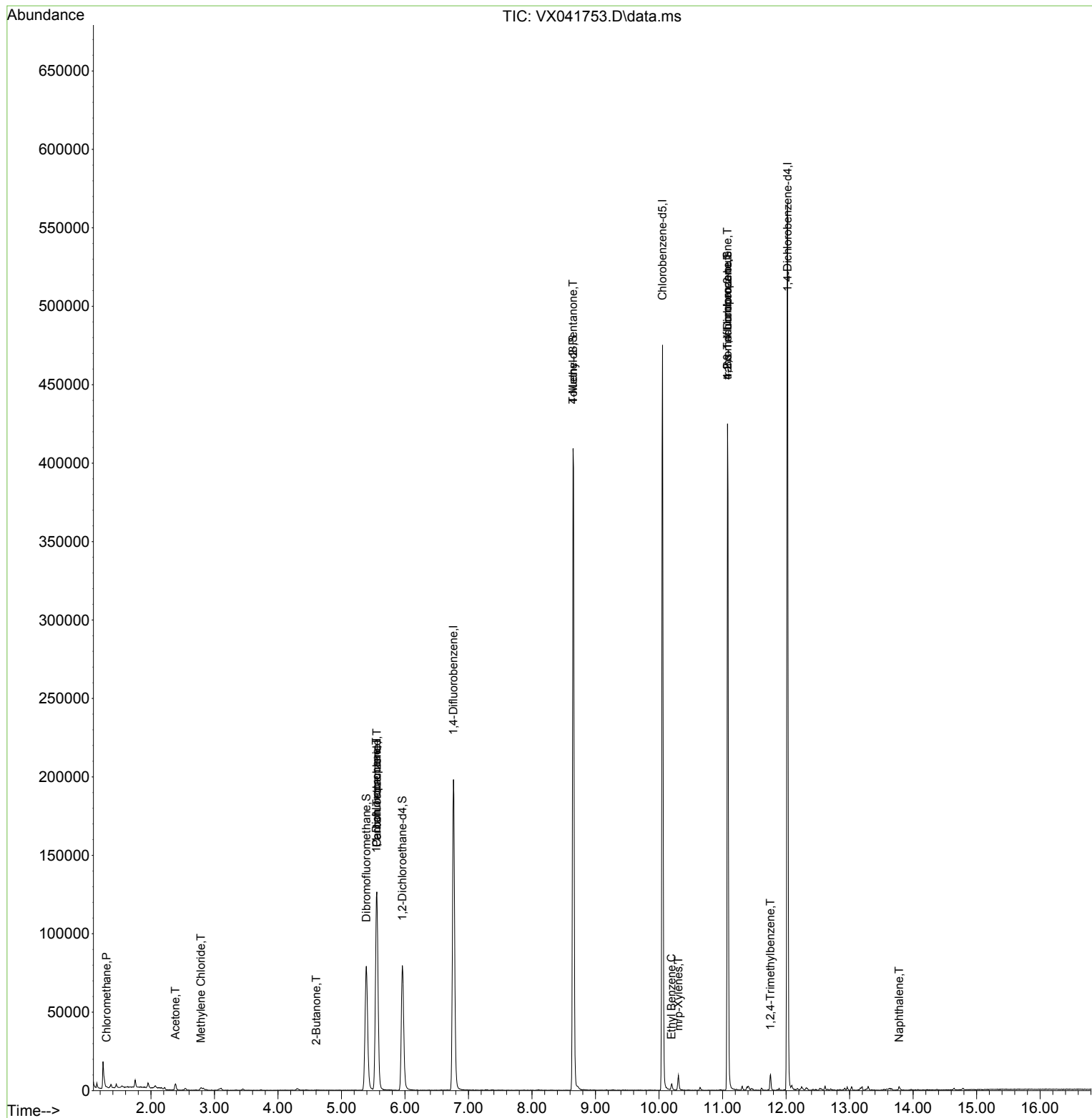
Internal Standards						
1) Pentafluorobenzene	5.556	168	132585	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	205314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79411	48.835	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.660%
35) Dibromofluoromethane	5.391	113	67127	47.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	248150	50.030	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.060%
62) 4-Bromofluorobenzene	11.079	95	105007	57.361	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.720%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	278	0.219	ug/l	# 43
16) Acetone	2.386	43	4715	3.914	ug/l	99
20) Methylene Chloride	2.788	84	670	0.460	ug/l	94
25) 2-Butanone	4.605	43	393	0.389	ug/l	# 51
36) 1,1-Dichloropropene	5.550	75	8463	4.924	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	12073	6.182	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	1130	0.532	ug/l	# 1
67) Ethyl Benzene	10.195	91	2763	0.373	ug/l	99
68) m/p-Xylenes	10.305	106	2356	0.799	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	53581	23.387	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	53581	63.742	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	4905	0.712	ug/l	96
95) Naphthalene	13.780	128	1953	0.230	ug/l	98

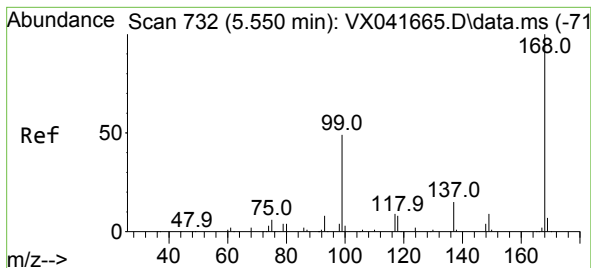
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
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MSVOA_X
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Quant Time: Jun 06 02:21:58 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: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX041753.D

Acq: 05 Jun 2024 16:25

Instrument :

MSVOA_X

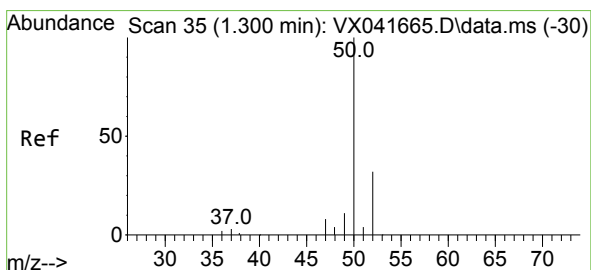
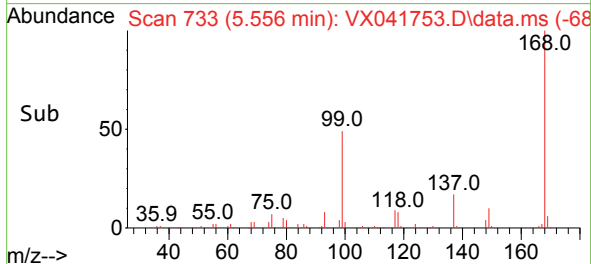
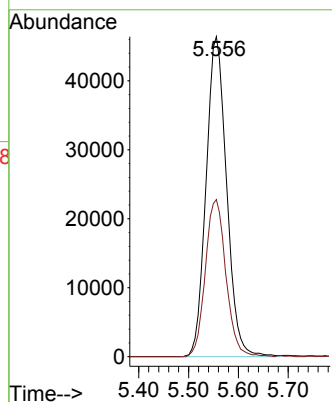
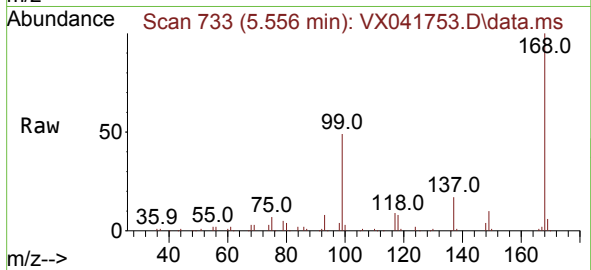
ClientSampleId :

Tgt Ion:168 Resp: 132585

Ion Ratio Lower Upper

168 100

99 49.1 56.6 85.0#



#3

Chloromethane

Concen: 0.219 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX041753.D

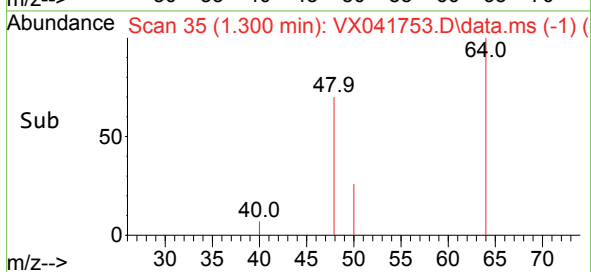
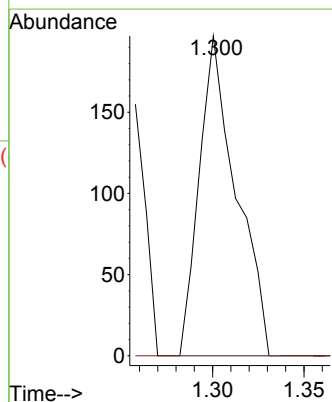
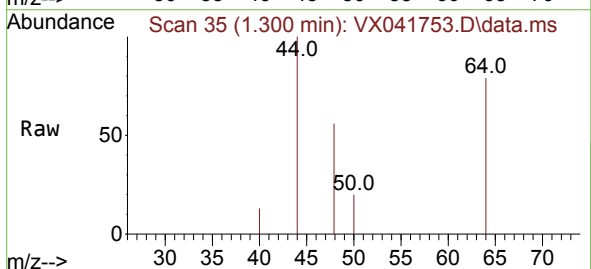
Acq: 05 Jun 2024 16:25

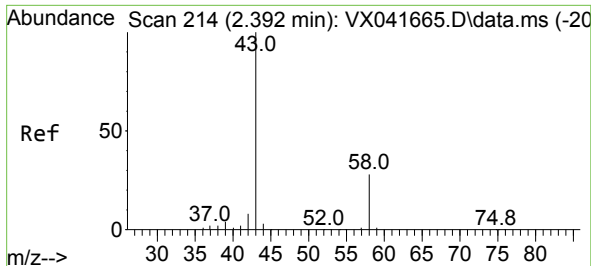
Tgt Ion: 50 Resp: 278

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

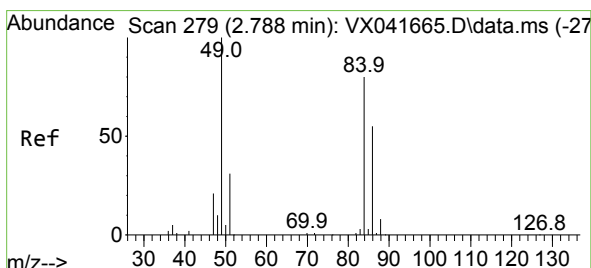
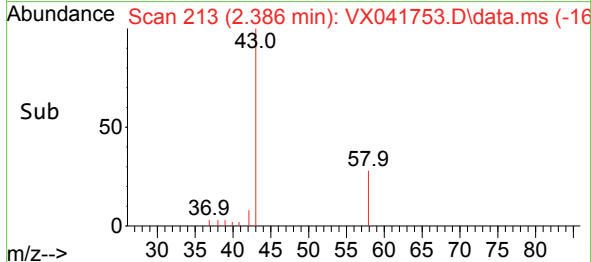
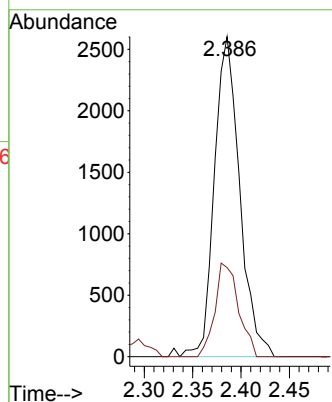
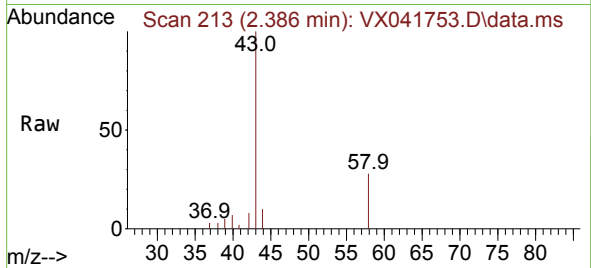




#16
Acetone
Concen: 3.914 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

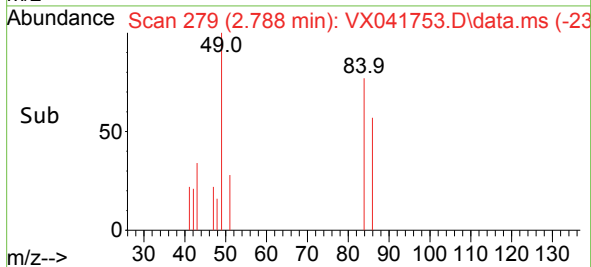
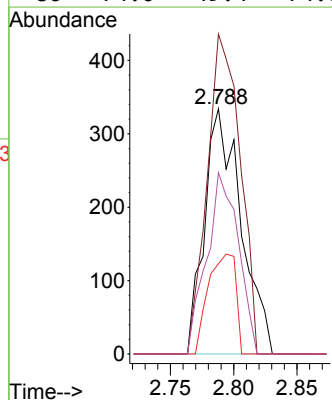
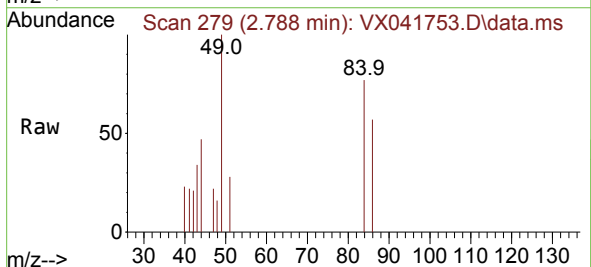
Instrument :
MSVOA_X
ClientSampleId :

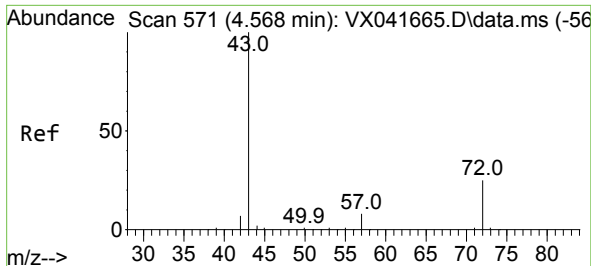
Tgt Ion: 43 Resp: 4715
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9



#20
Methylene Chloride
Concen: 0.460 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

Tgt Ion: 84 Resp: 670
Ion Ratio Lower Upper
84 100
49 130.5 103.6 155.4
51 36.8 33.8 50.6
86 74.0 49.4 74.0

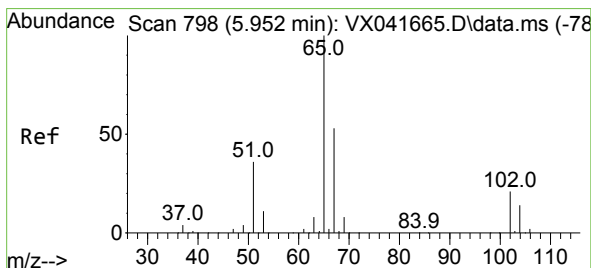
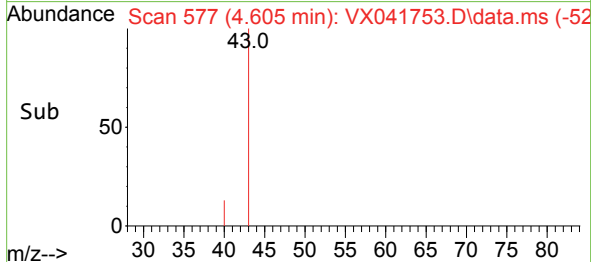
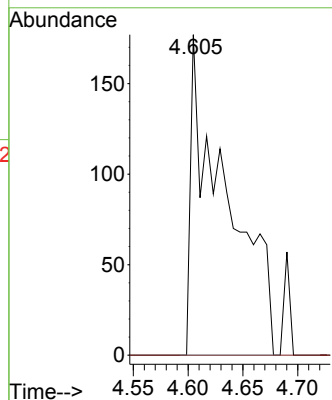
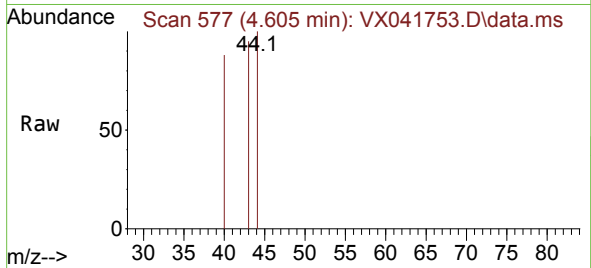




#25
2-Butanone
Concen: 0.389 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

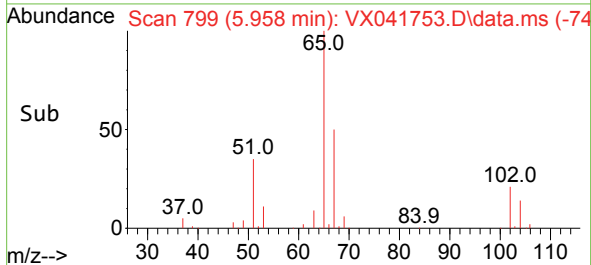
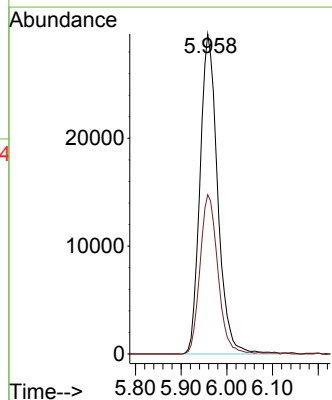
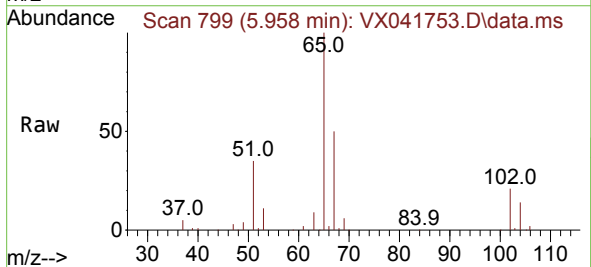
Instrument :
MSVOA_X
ClientSampleId :

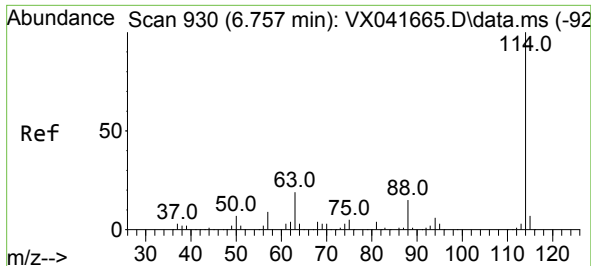
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 48.835 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

Tgt Ion: 65 Resp: 79411
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

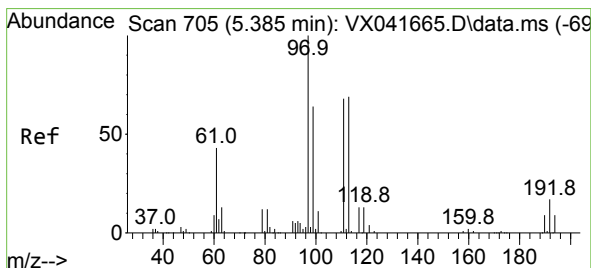
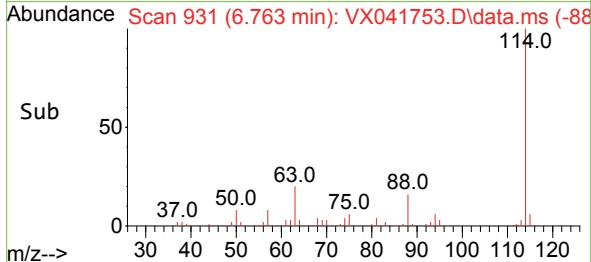
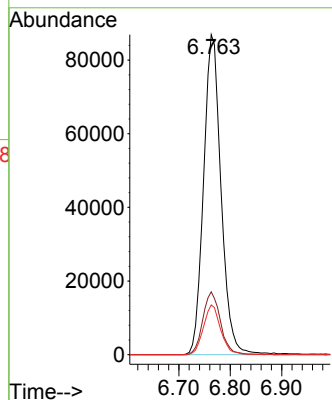
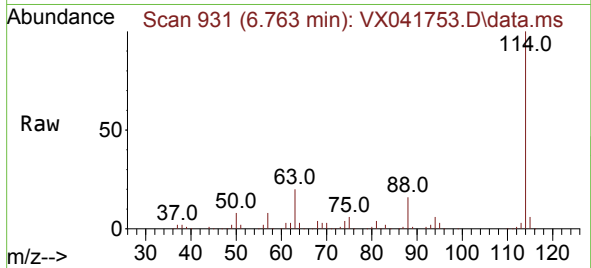




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

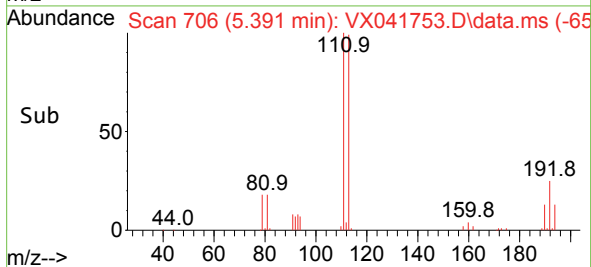
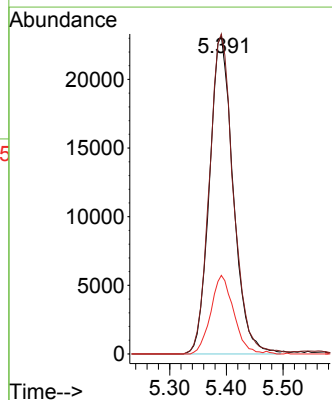
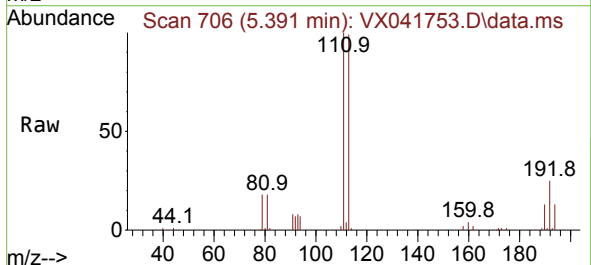
Instrument :
MSVOA_X
ClientSampleId :

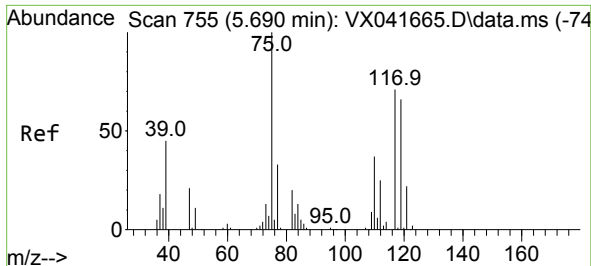
Tgt Ion:114 Resp: 205314
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.288 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

Tgt Ion:113 Resp: 67127
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 23.8 13.3 19.9#

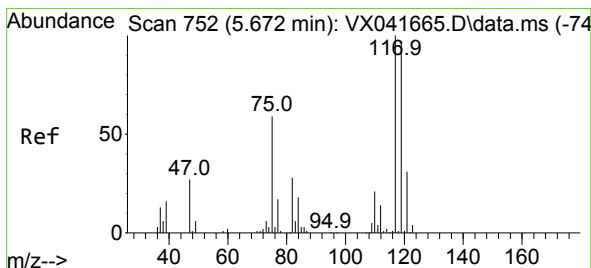
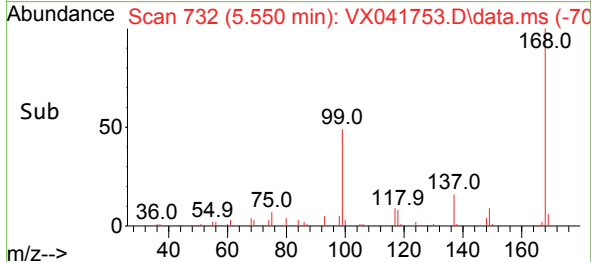
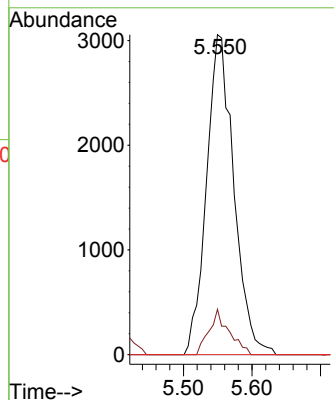
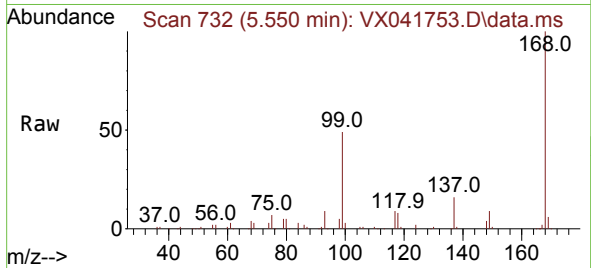




#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

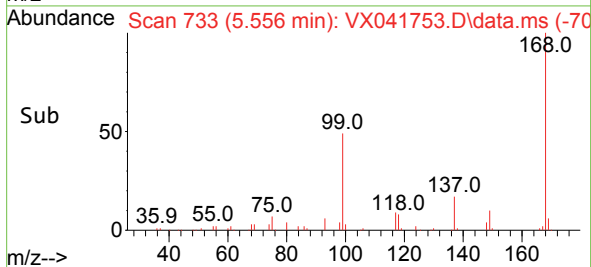
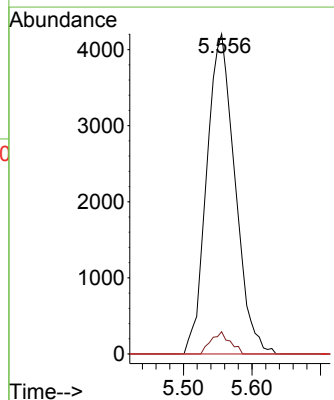
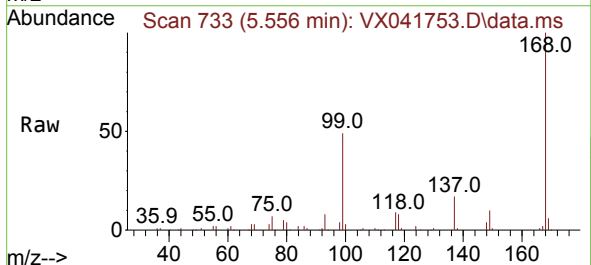
Instrument :
MSVOA_X
ClientSampleId :

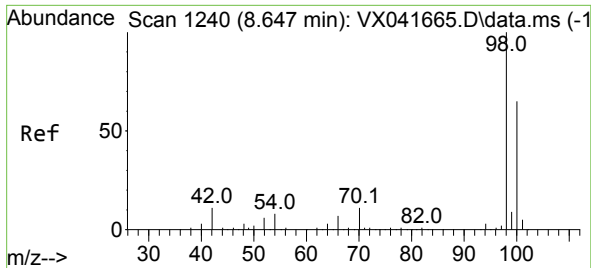
Tgt Ion: 75 Resp: 8463
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.182 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

Tgt Ion: 117 Resp: 12073
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#

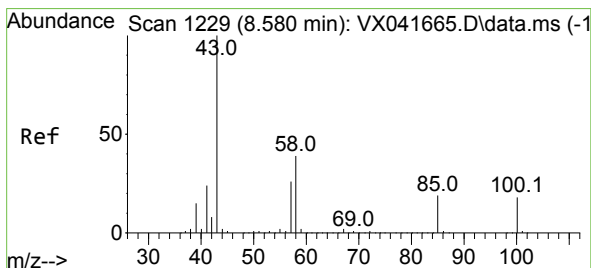
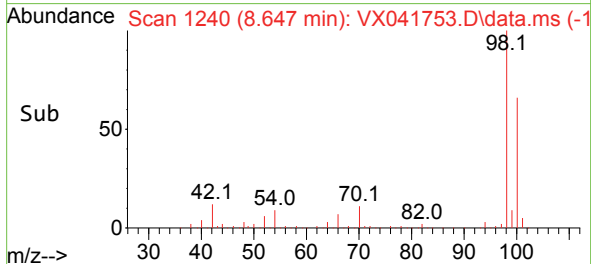
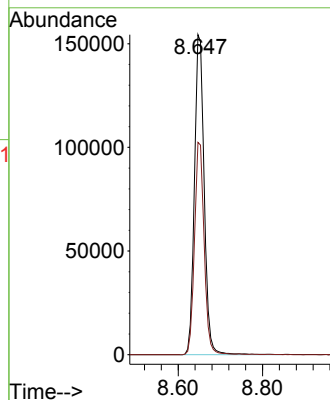
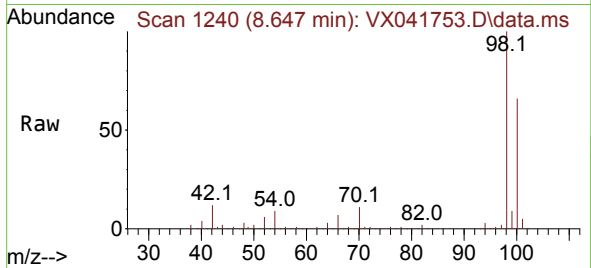




#50
Toluene-d8
Concen: 50.030 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

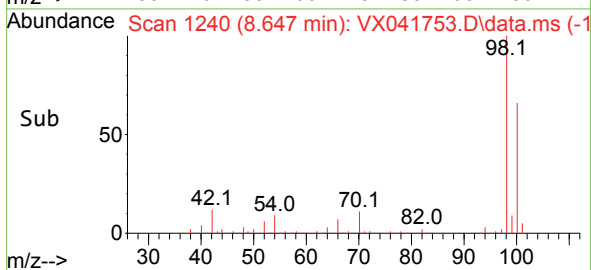
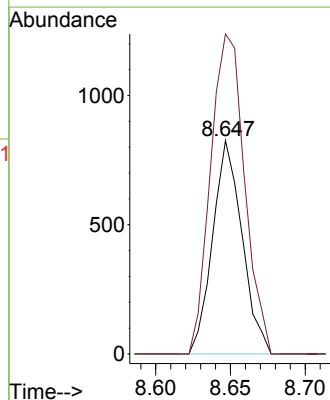
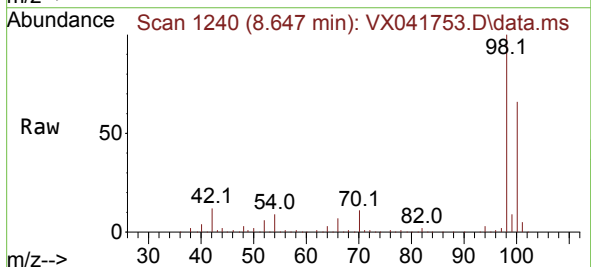
Instrument :
MSVOA_X
ClientSampleId :

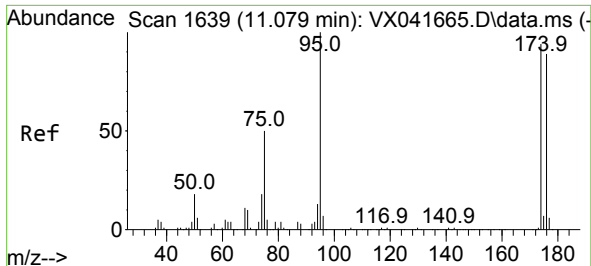
Tgt Ion: 98 Resp: 248150
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 173.2 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 57.361 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041753.D

Acq: 05 Jun 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

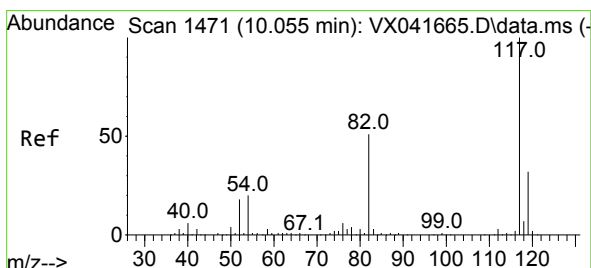
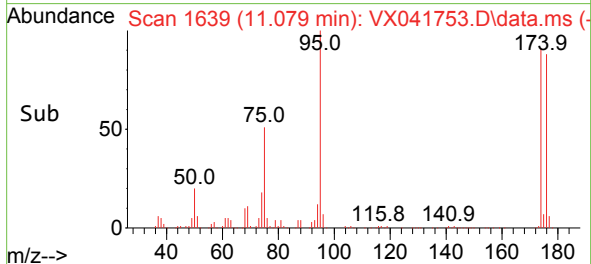
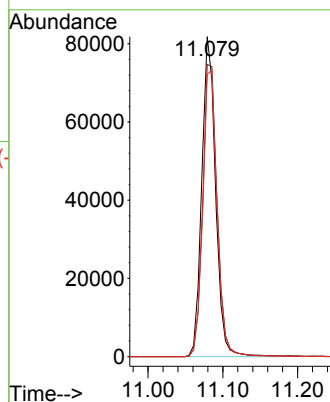
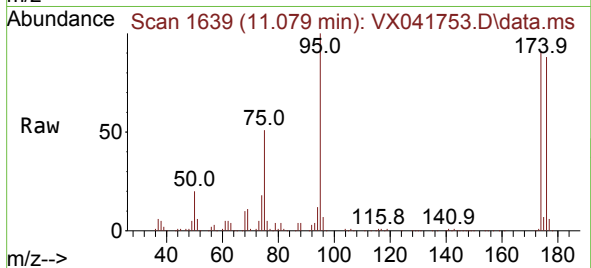
Tgt Ion: 95 Resp: 105007

Ion Ratio Lower Upper

95 100

174 96.4 0.0 135.6

176 93.8 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: VX041753.D

Acq: 05 Jun 2024 16:25

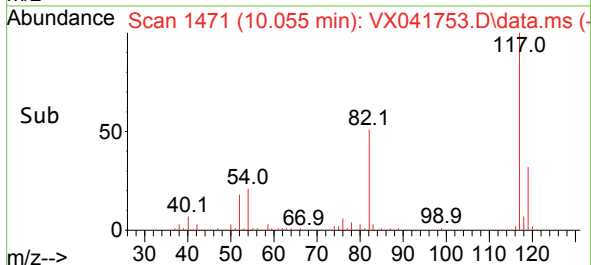
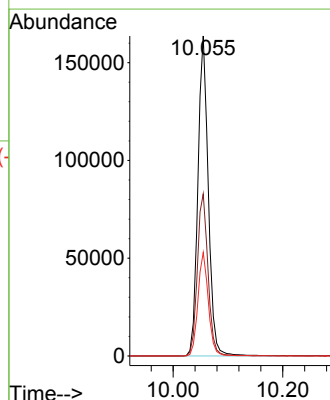
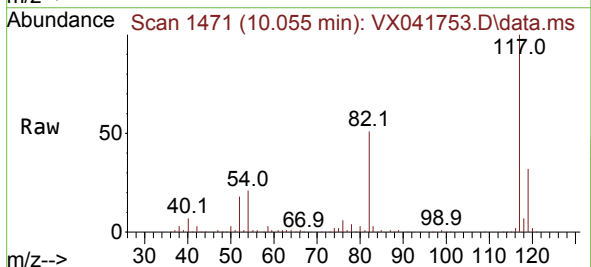
Tgt Ion: 117 Resp: 216641

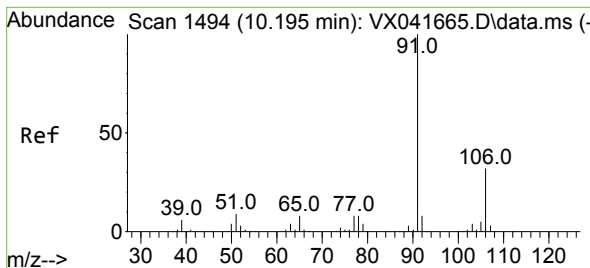
Ion Ratio Lower Upper

117 100

82 50.7 46.2 69.4

119 32.4 25.5 38.3





#67

Ethyl Benzene

Concen: 0.373 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041753.D

Acq: 05 Jun 2024 16:25

Instrument :

MSVOA_X

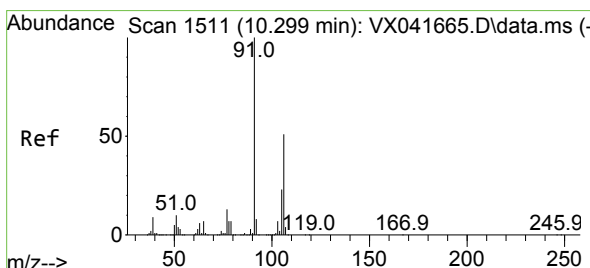
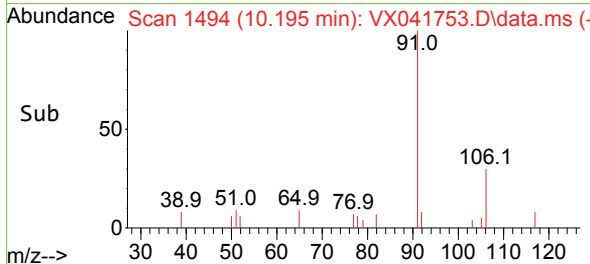
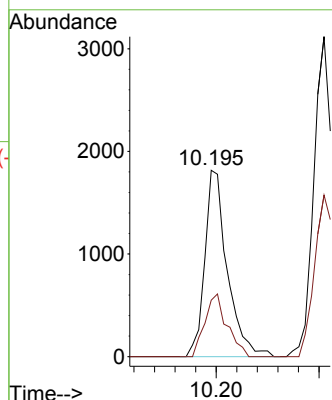
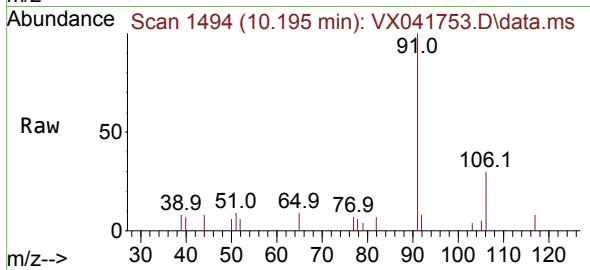
ClientSampleId :

Tgt Ion: 91 Resp: 2763

Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3



#68

m/p-Xylenes

Concen: 0.799 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX041753.D

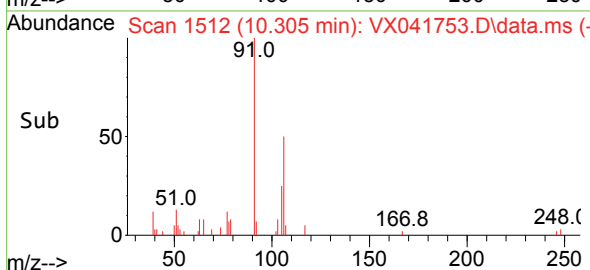
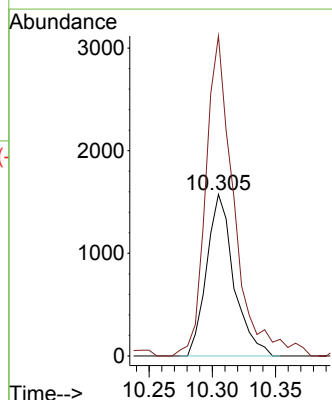
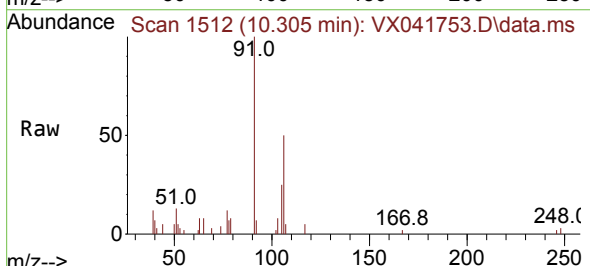
Acq: 05 Jun 2024 16:25

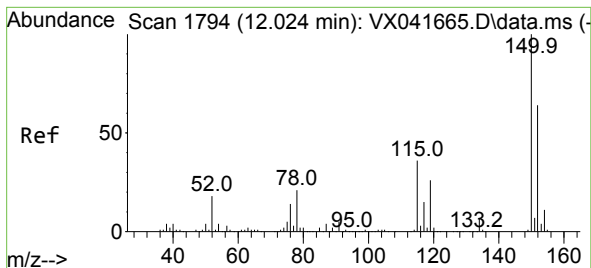
Tgt Ion: 106 Resp: 2356

Ion Ratio Lower Upper

106 100

91 205.6 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041753.D

Acq: 05 Jun 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

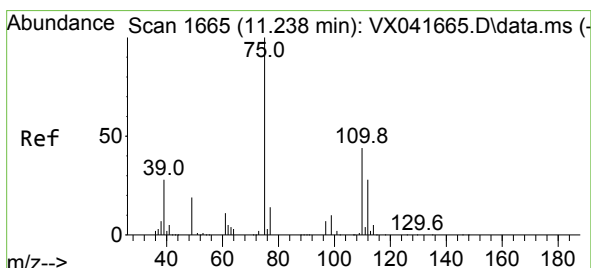
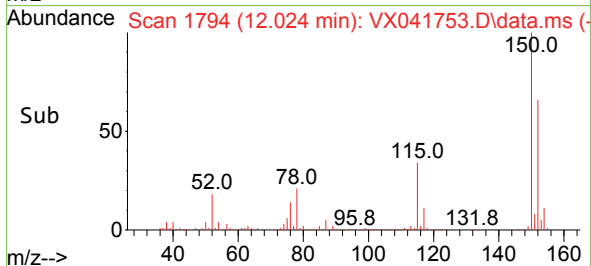
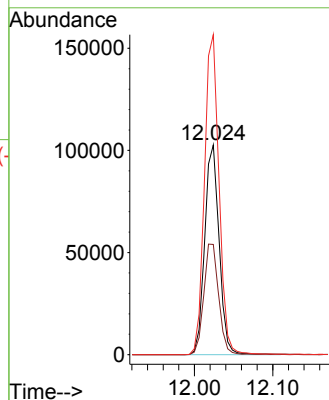
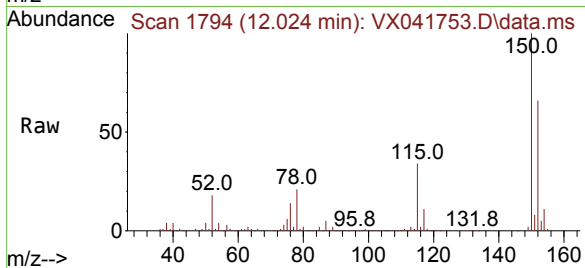
Tgt Ion:152 Resp: 131307

Ion Ratio Lower Upper

152 100

115 54.4 43.3 129.9

150 154.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.387 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041753.D

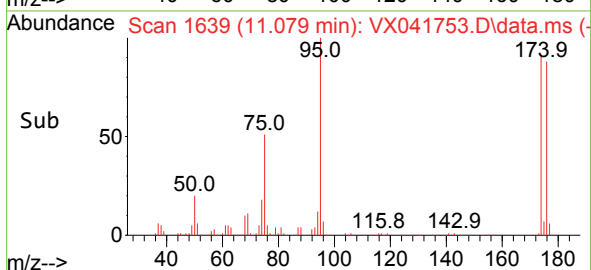
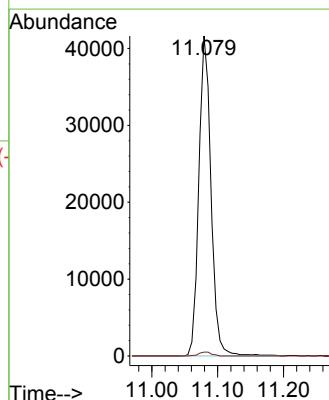
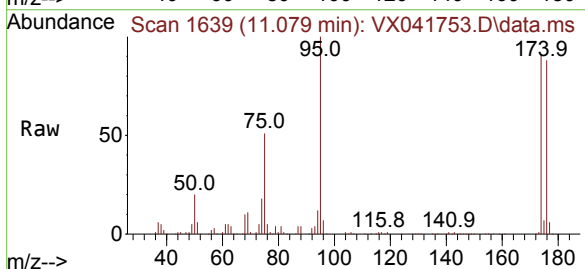
Acq: 05 Jun 2024 16:25

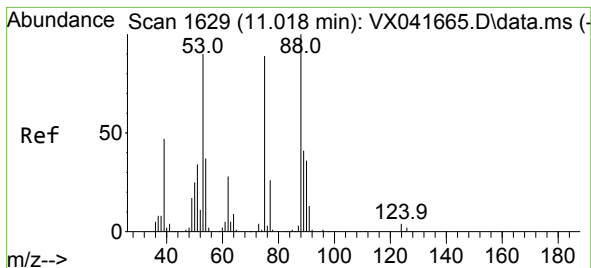
Tgt Ion: 75 Resp: 53581

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

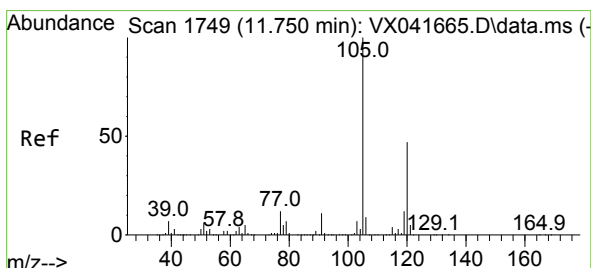
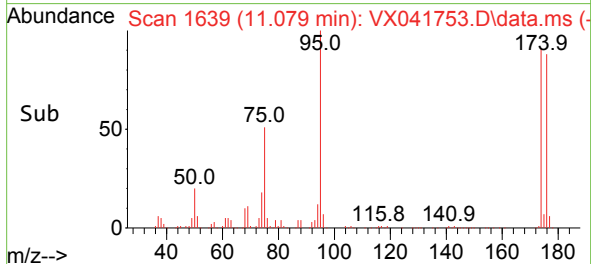
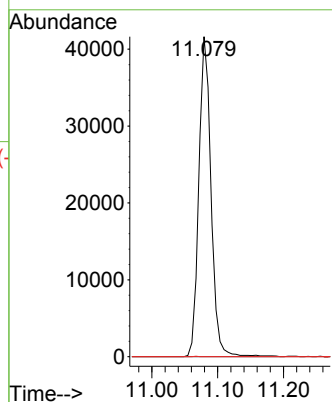
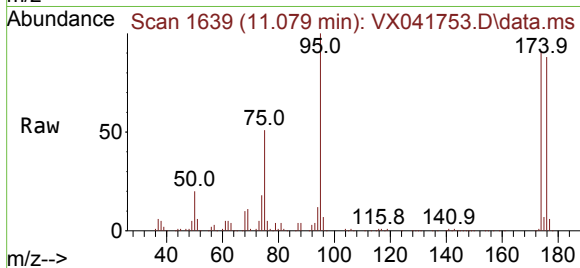




#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.742 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX041753.D
 Acq: 05 Jun 2024 16:25

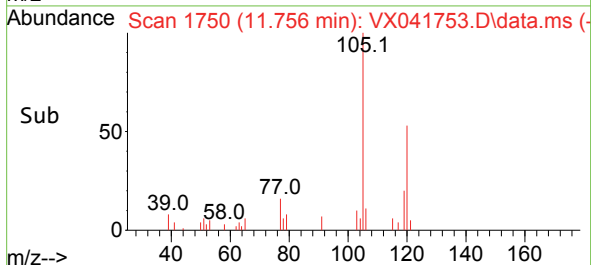
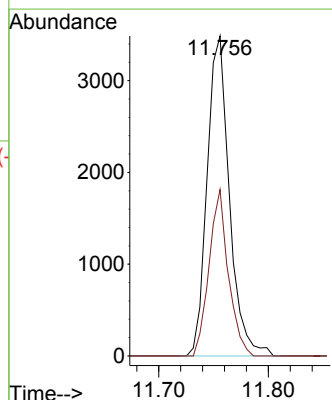
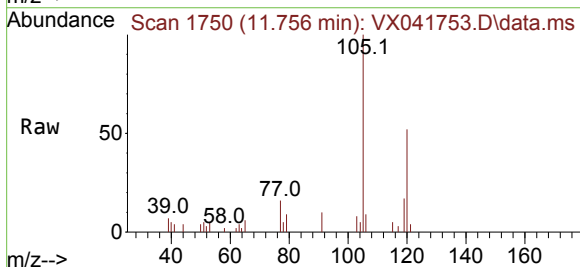
Instrument :
 MSVOA_X
 ClientSampleId :

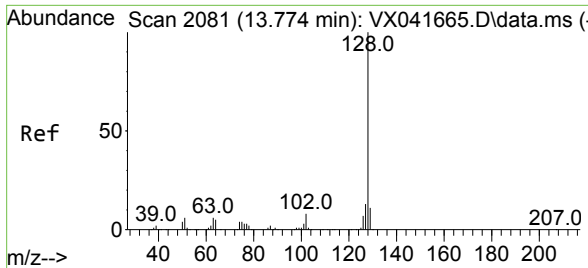
Tgt Ion: 75 Resp: 53581
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.712 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX041753.D
 Acq: 05 Jun 2024 16:25

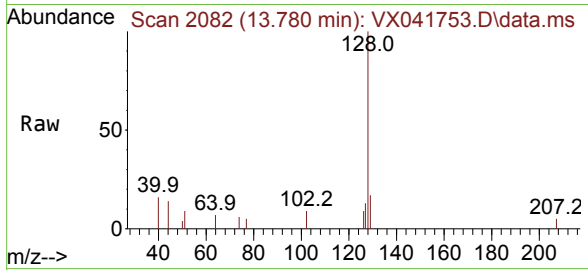
Tgt Ion: 105 Resp: 4905
 Ion Ratio Lower Upper
 105 100
 120 45.1 21.2 63.6





#95
Naphthalene
Concen: 0.230 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041753.D
Acq: 05 Jun 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1953
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.3	15.5
129	11.2	8.8	13.2

