

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041381.D
 Acq On : 06 May 2024 16:02
 Operator : JC/MD
 Sample : P2393-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 02:01:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

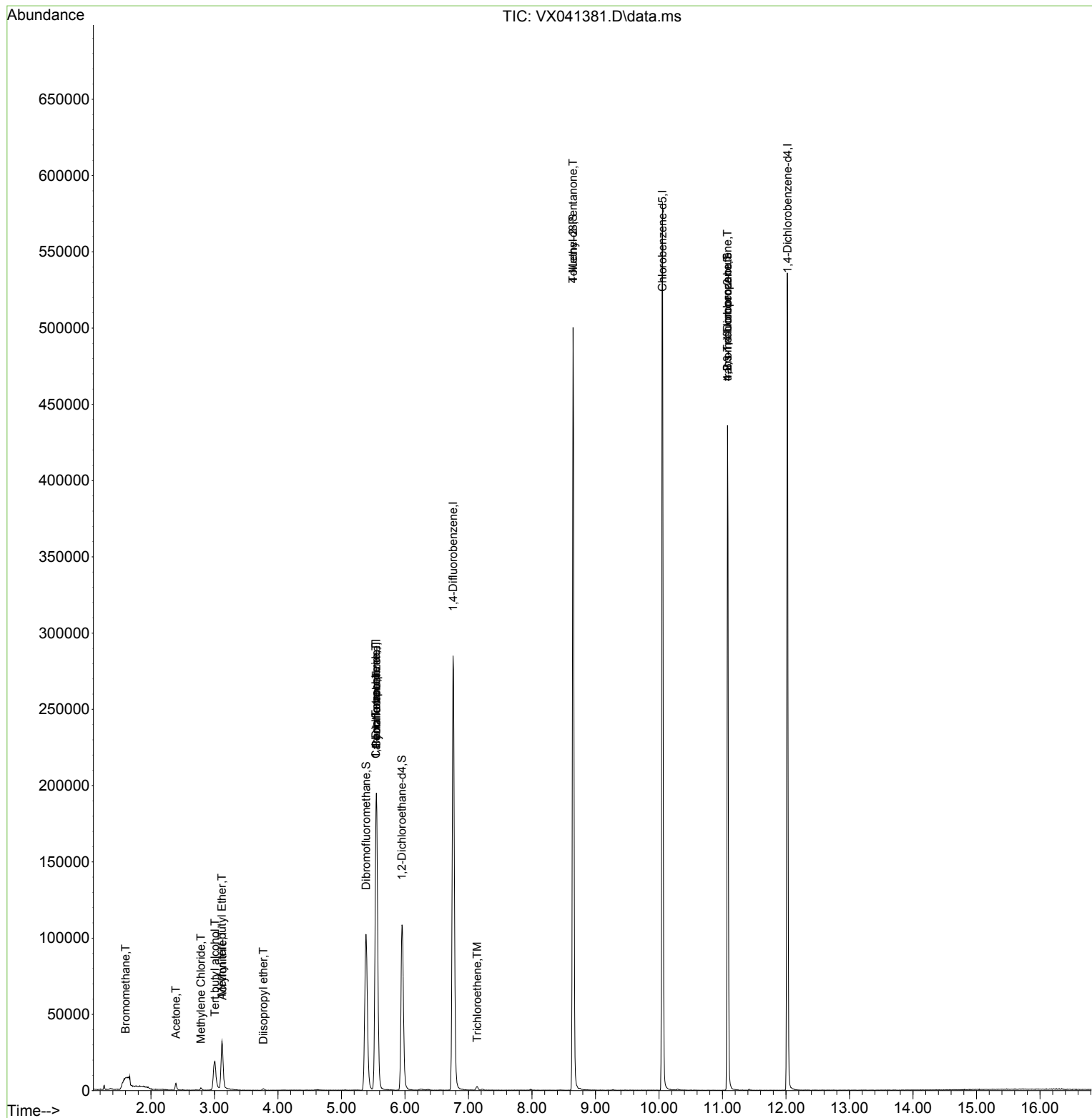
Internal Standards						
1) Pentafluorobenzene	5.550	168	211156	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	304624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110396	48.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.040%
35) Dibromofluoromethane	5.385	113	89726	43.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.920%
50) Toluene-d8	8.647	98	294194	45.026	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.060%#
62) 4-Bromofluorobenzene	11.079	95	104498	41.315	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.640%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	346	0.322	ug/l	# 69
11) Tert butyl alcohol	3.008	59	32166	69.912	ug/l	# 93
15) Acrylonitrile	3.123	53	395	0.376	ug/l	# 26
16) Acetone	2.392	43	4970	1.014	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	33950	5.692	ug/l	100
20) Methylene Chloride	2.788	84	830	0.416	ug/l	# 87
22) Diisopropyl ether	3.770	45	1240	0.213	ug/l	# 52
31) Cyclohexane	5.550	56	3546	1.278	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	12901	5.226	ug/l	# 52
38) Carbon Tetrachloride	5.544	117	18188	6.432	ug/l	# 14
44) Trichloroethene	7.135	130	1200	0.597	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1287	0.463	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	53884	27.082	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	53884	73.768	ug/l	# 5

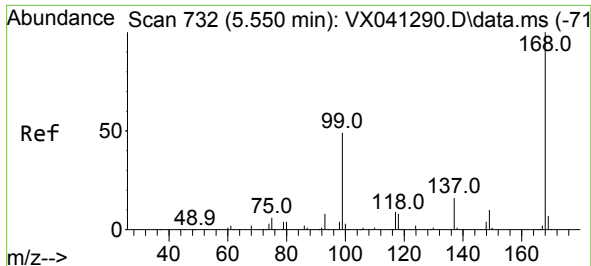
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
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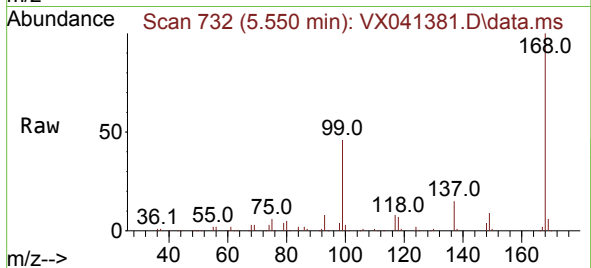
Quant Time: May 07 02:01:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



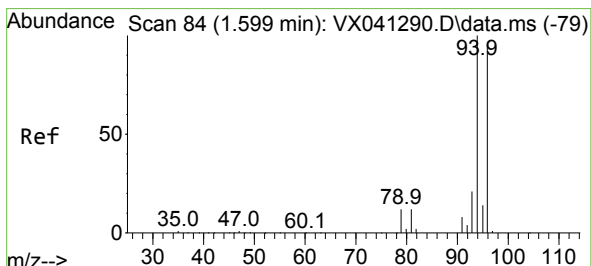
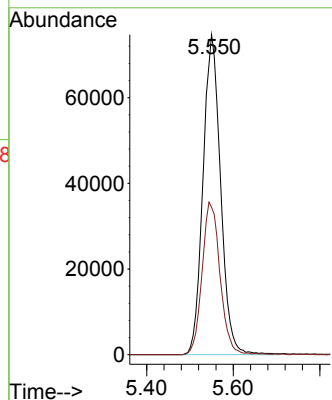
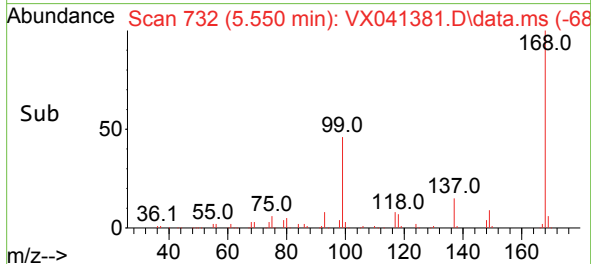


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Instrument :
MSVOA_X
ClientSampleId :

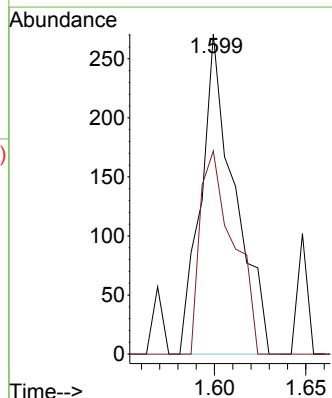
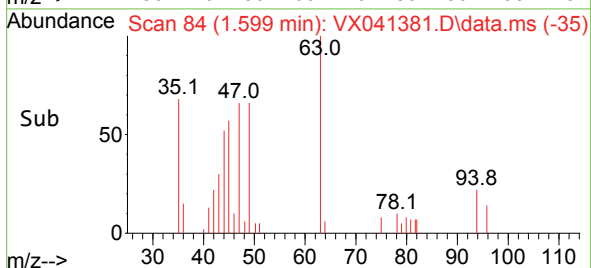
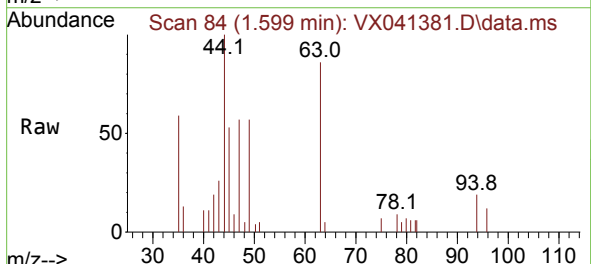


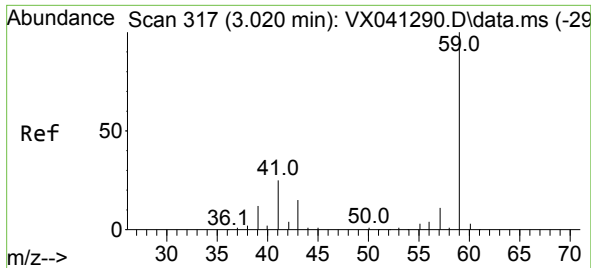
Tgt Ion:168 Resp: 211156
Ion Ratio Lower Upper
168 100
99 46.0 56.6 85.0#



#5
Bromomethane
Concen: 0.322 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

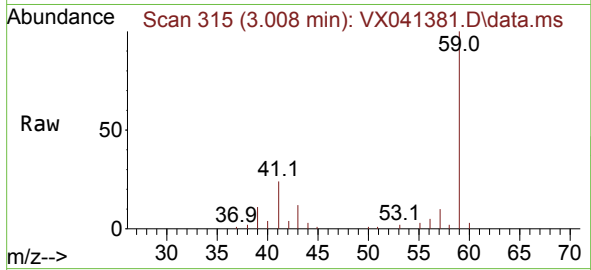
Tgt Ion: 94 Resp: 346
Ion Ratio Lower Upper
94 100
96 63.5 74.6 111.8#



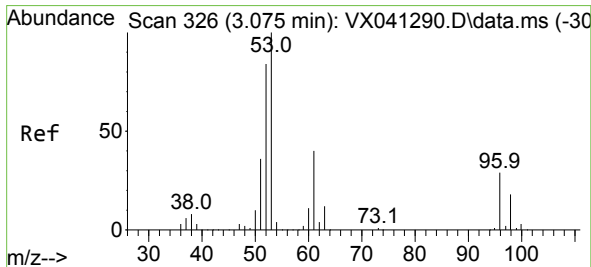
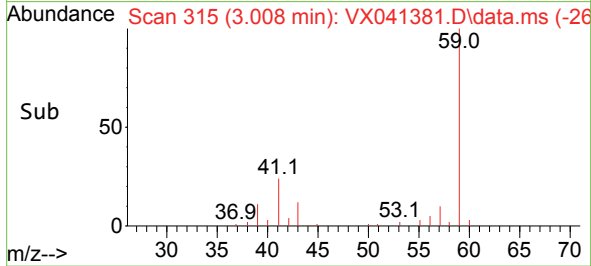
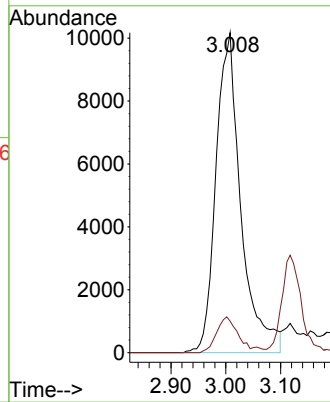


#11
Tert butyl alcohol
Concen: 69.912 ug/l
RT: 3.008 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Instrument :
MSVOA_X
ClientSampleId :

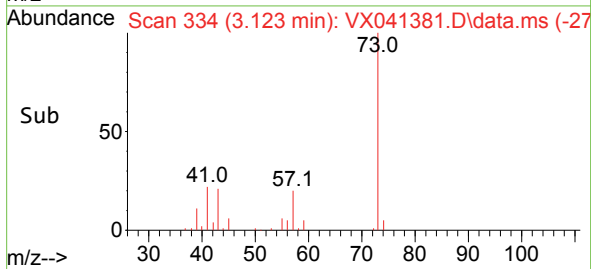
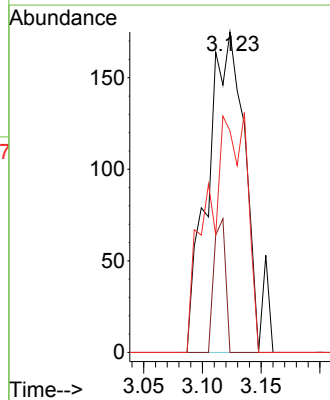
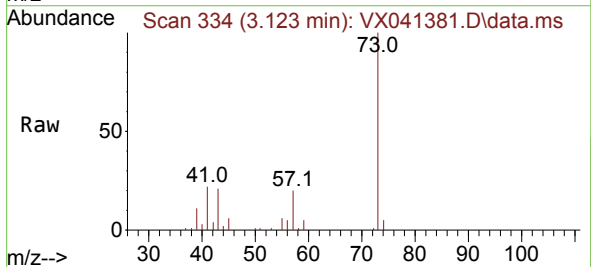


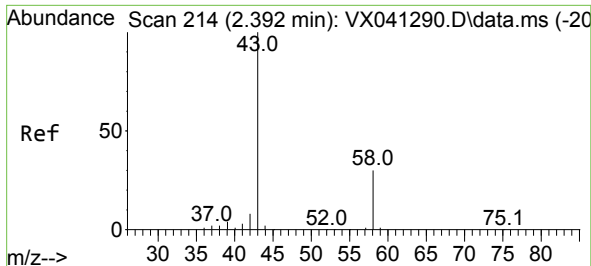
Tgt Ion: 59 Resp: 32166
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0#



#15
Acrylonitrile
Concen: 0.376 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.049 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Tgt Ion: 53 Resp: 395
Ion Ratio Lower Upper
53 100
52 12.7 66.0 99.0#
51 76.5 29.8 44.6#

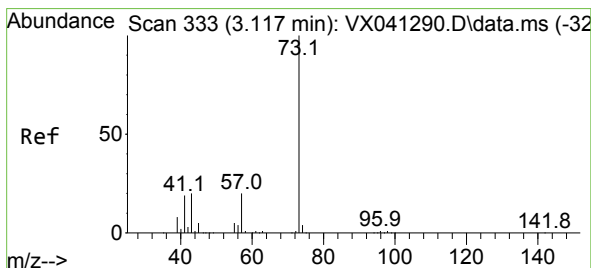
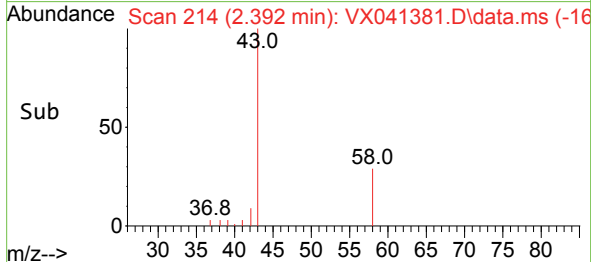
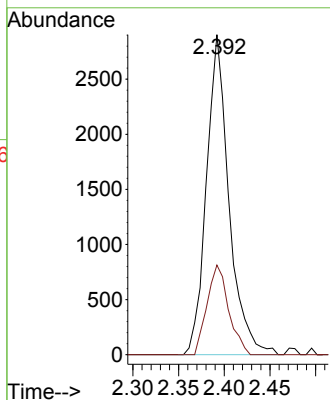
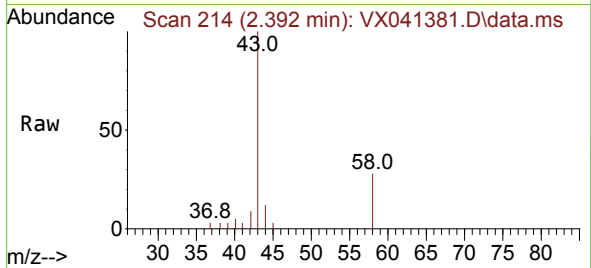




#16
Acetone
Concen: 1.014 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

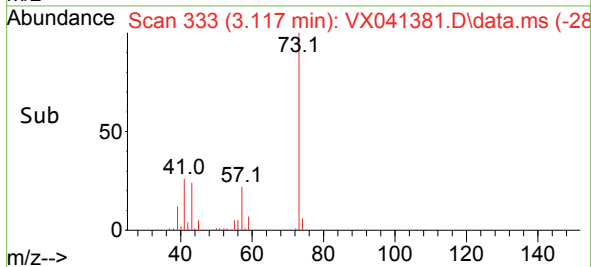
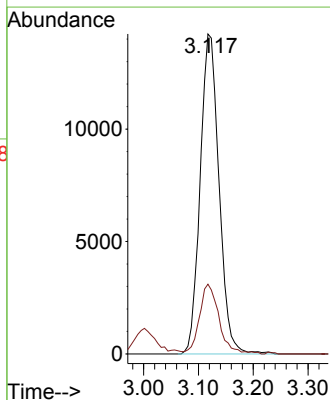
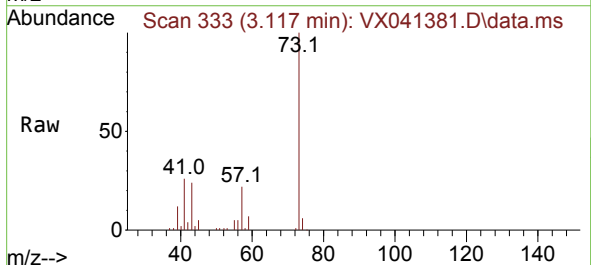
Instrument :
MSVOA_X
ClientSampleId :

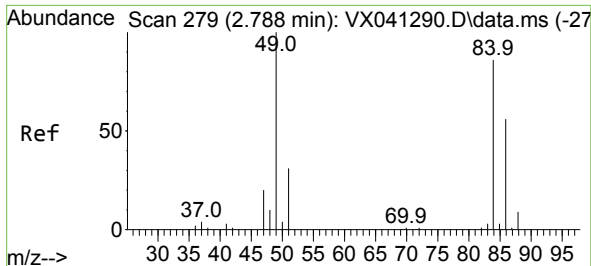
Tgt Ion: 43 Resp: 4970
Ion Ratio Lower Upper
43 100
58 28.0 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 5.692 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

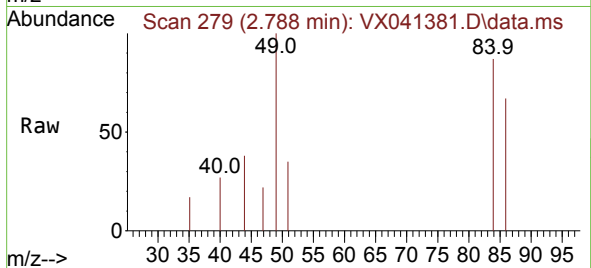
Tgt Ion: 73 Resp: 33950
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9





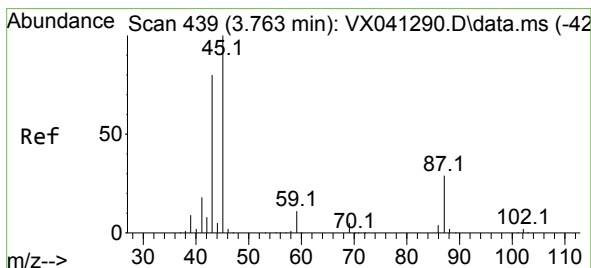
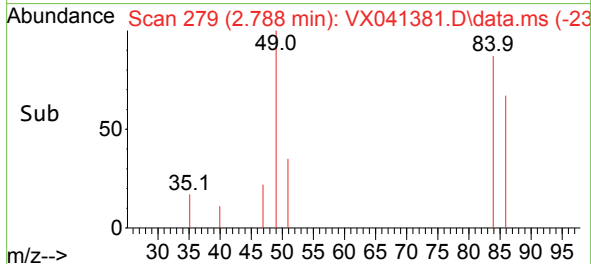
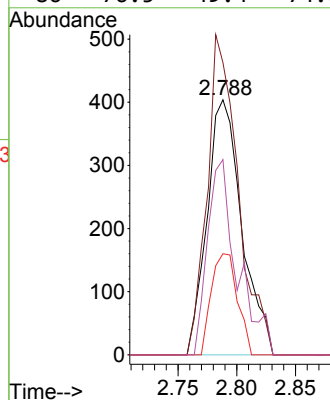
#20
Methylene Chloride
Concen: 0.416 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 830

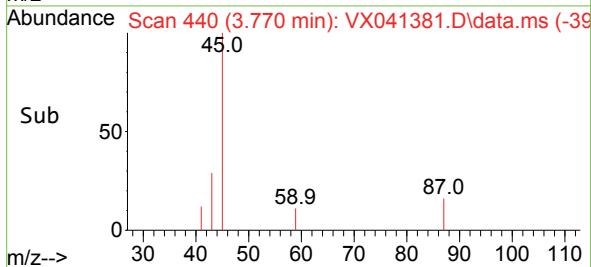
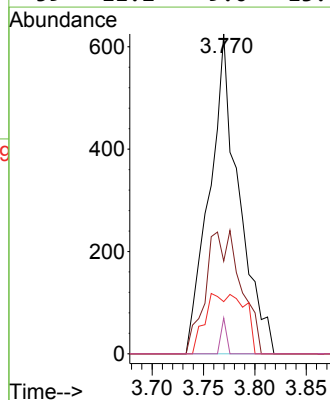
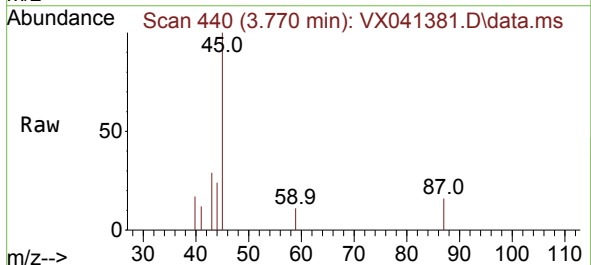
Ion	Ratio	Lower	Upper
84	100		
49	114.6	103.6	155.4
51	39.6	33.8	50.6
86	76.5	49.4	74.0#

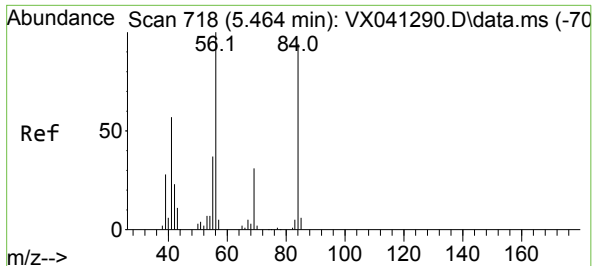


#22
Diisopropyl ether
Concen: 0.213 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Tgt Ion: 45 Resp: 1240

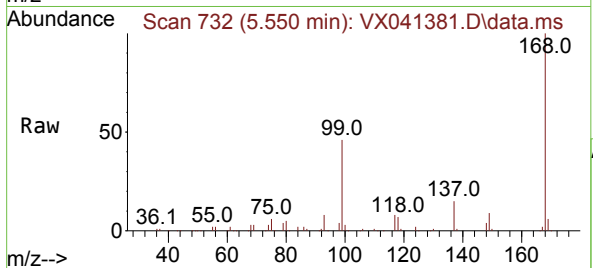
Ion	Ratio	Lower	Upper
45	100		
43	29.0	69.7	104.5#
87	16.3	20.8	31.2#
59	11.2	9.0	13.4



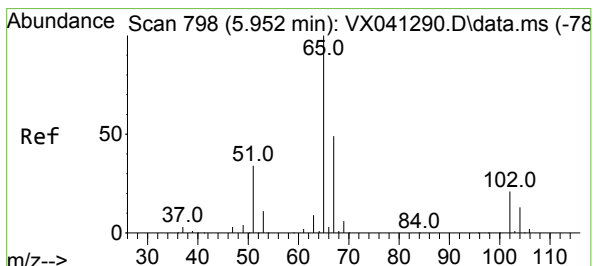
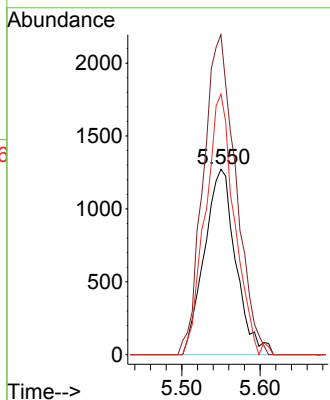
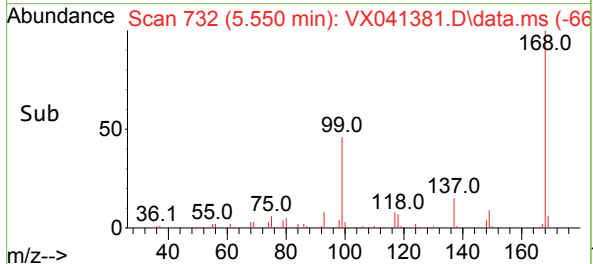


#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Instrument :
MSVOA_X
ClientSampleId :

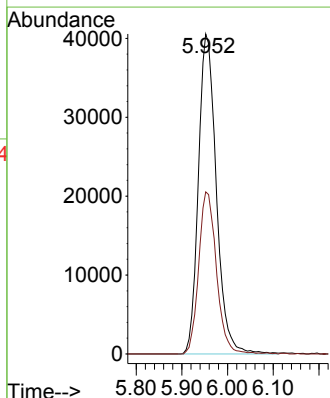
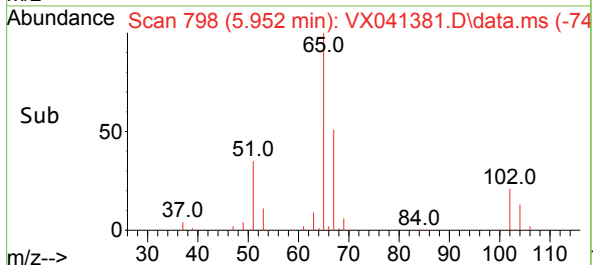
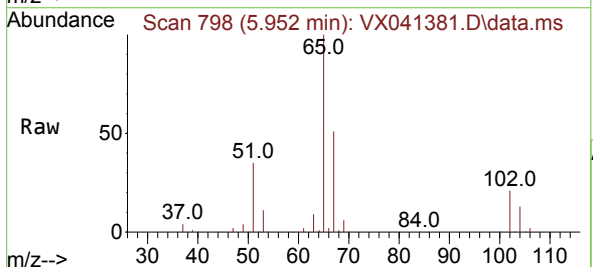


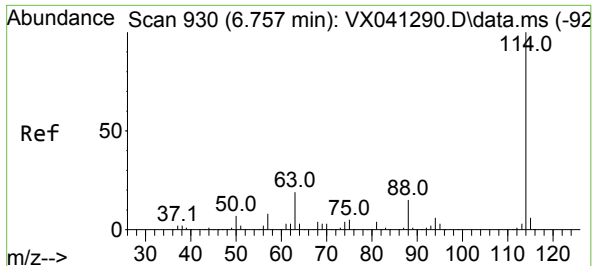
Tgt Ion: 56 Resp: 3546
Ion Ratio Lower Upper
56 100
69 172.6 23.4 35.2#
84 140.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.025 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Tgt Ion: 65 Resp: 110396
Ion Ratio Lower Upper
65 100
67 50.1 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: VX041381.D

Acq: 06 May 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

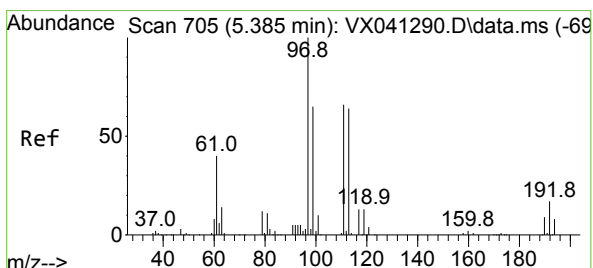
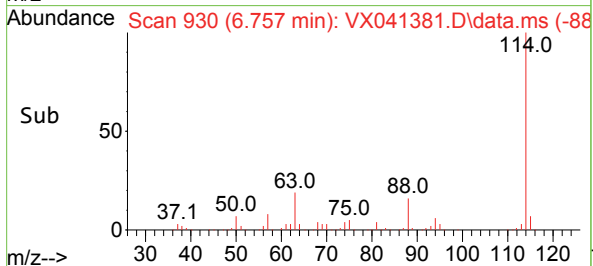
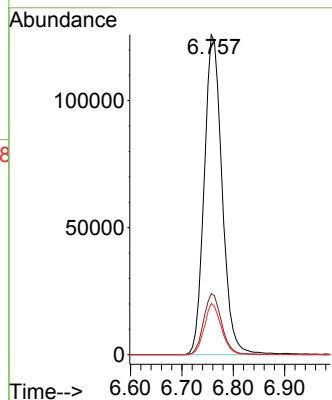
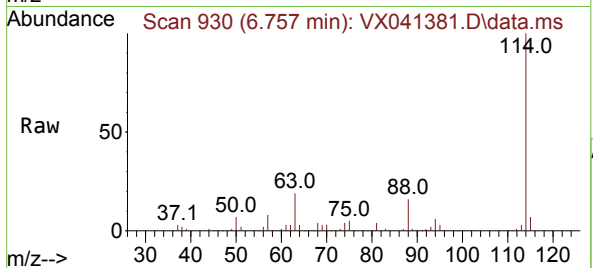
Tgt Ion:114 Resp: 304624

Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.0 0.0 36.6



#35

Dibromofluoromethane

Concen: 43.465 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041381.D

Acq: 06 May 2024 16:02

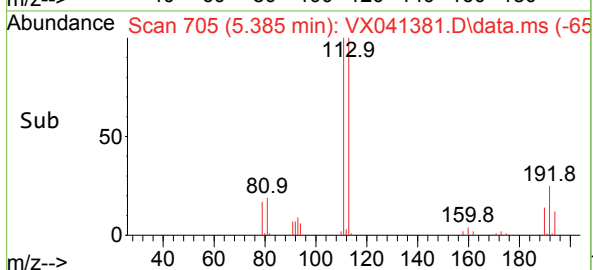
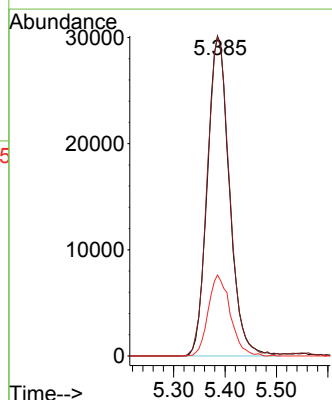
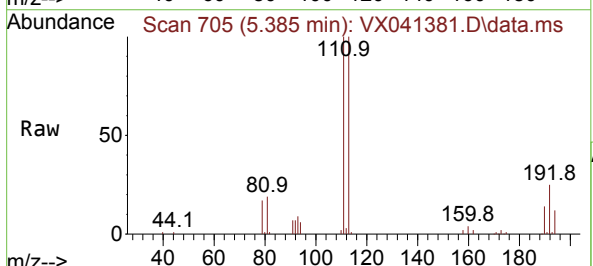
Tgt Ion:113 Resp: 89726

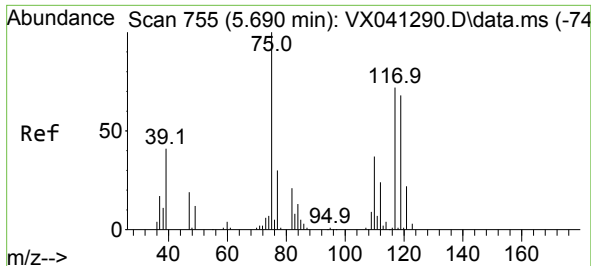
Ion Ratio Lower Upper

113 100

111 100.6 82.9 124.3

192 25.2 13.3 19.9#

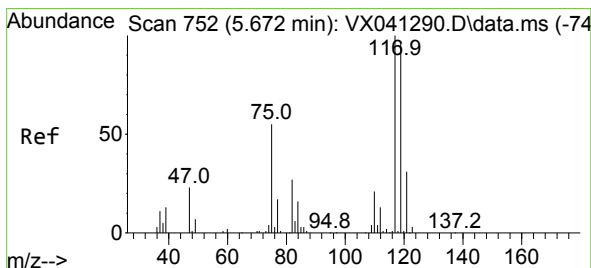
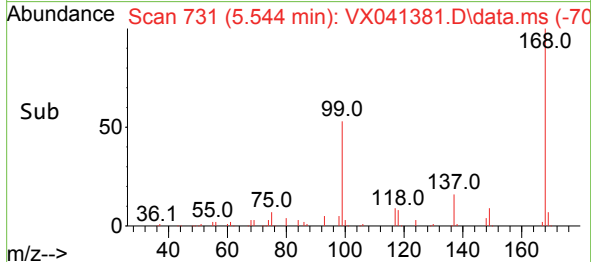
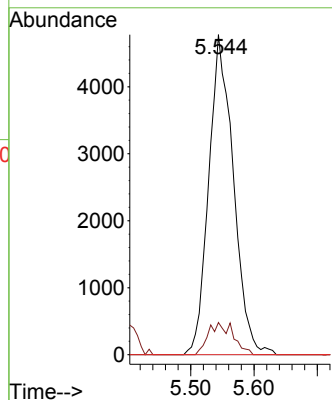
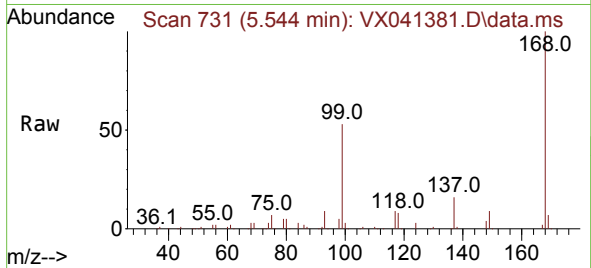




#36
1,1-Dichloropropene
Concen: 5.226 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

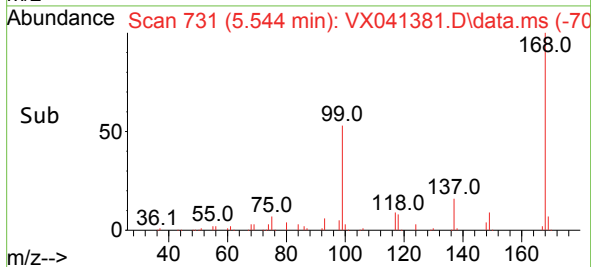
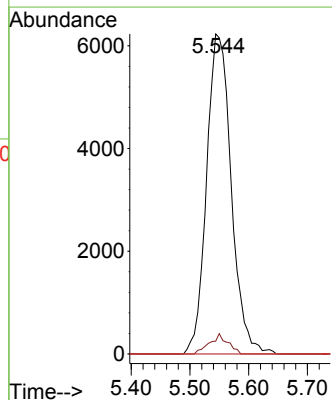
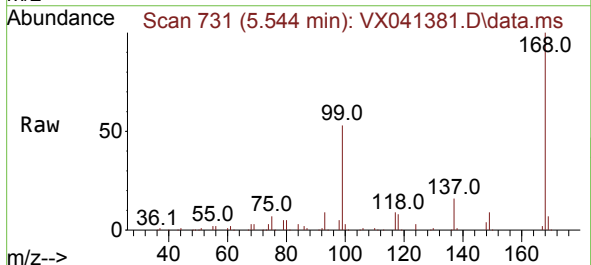
Instrument :
MSVOA_X
ClientSampleId :

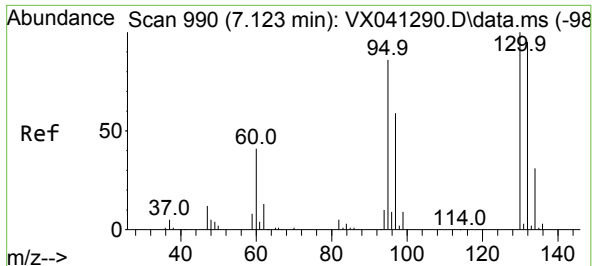
Tgt Ion: 75 Resp: 12901
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.432 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Tgt Ion: 117 Resp: 18188
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#

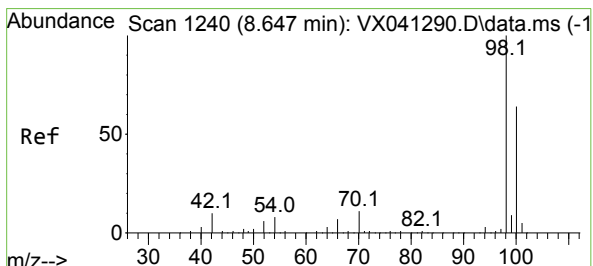
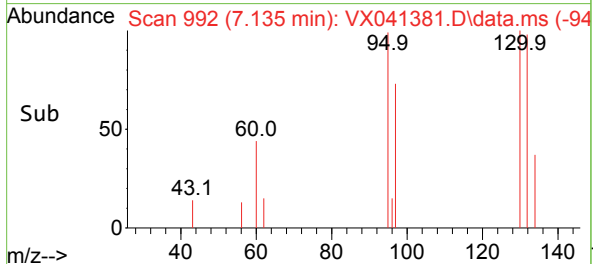
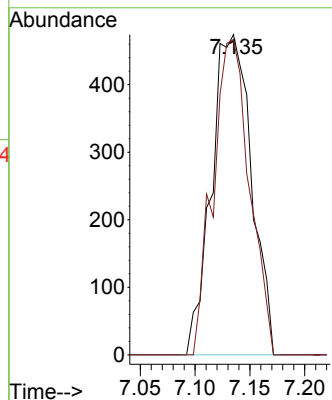
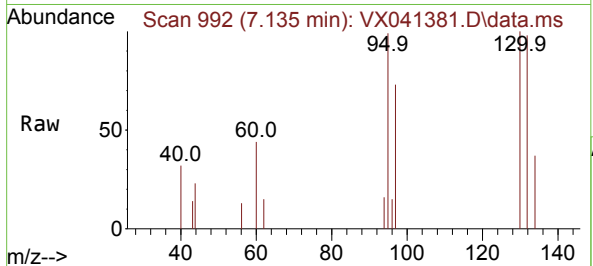




#44
Trichloroethene
Concen: 0.597 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

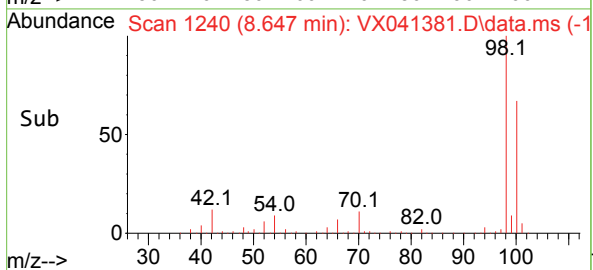
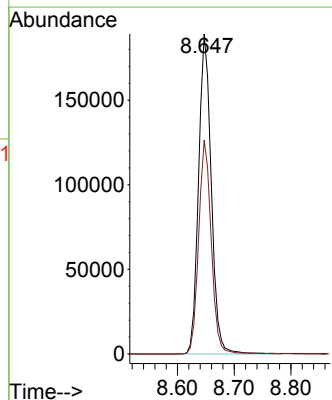
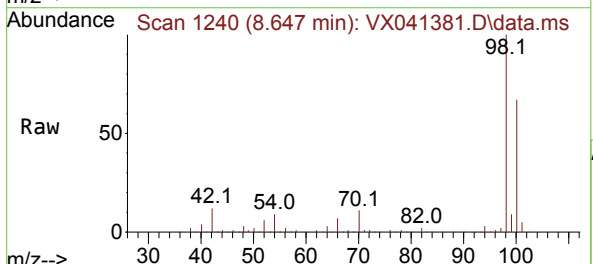
Instrument :
MSVOA_X
ClientSampleId :

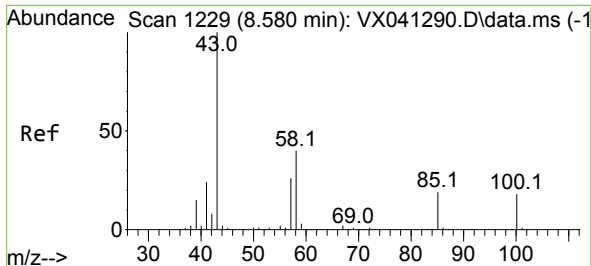
Tgt Ion:130 Resp: 1200
Ion Ratio Lower Upper
130 100
95 98.5 0.0 204.4



#50
Toluene-d8
Concen: 45.026 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Tgt Ion: 98 Resp: 294194
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

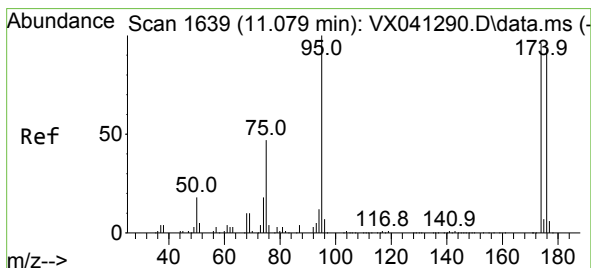
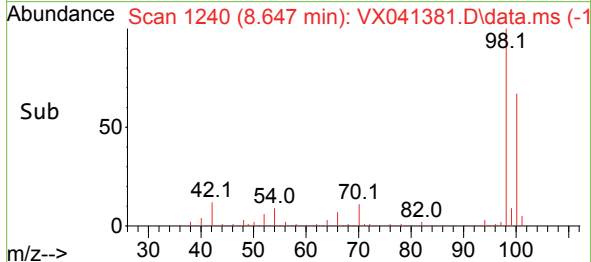
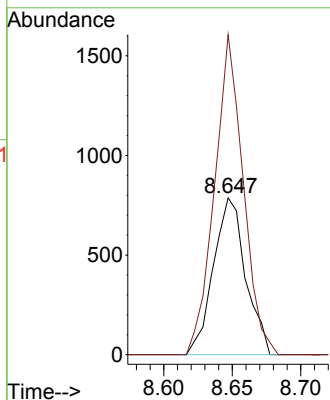
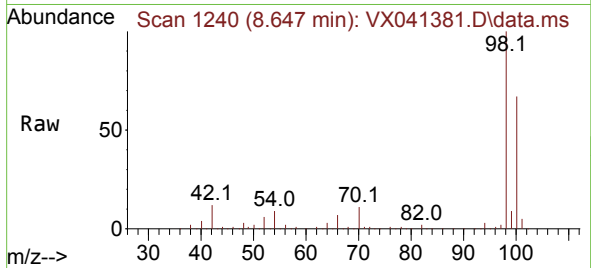




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

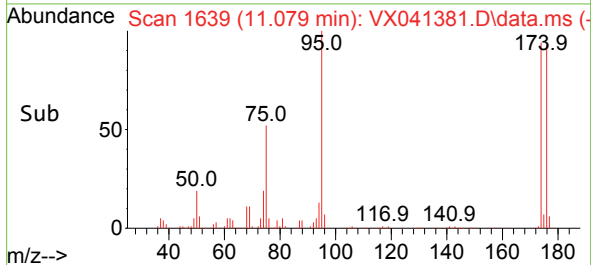
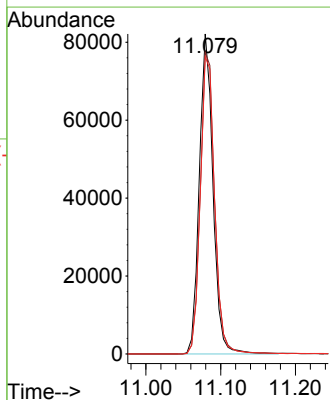
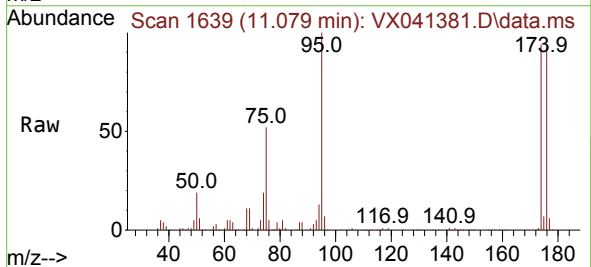
Instrument :
MSVOA_X
ClientSampleId :

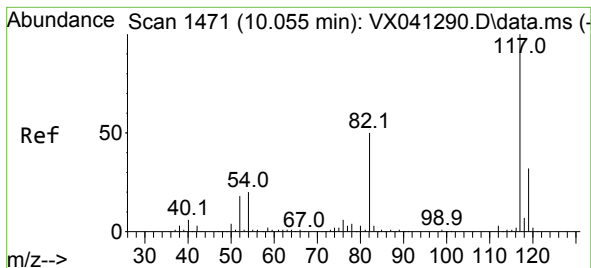
Tgt Ion: 43 Resp: 1287
Ion Ratio Lower Upper
43 100
58 182.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 41.315 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041381.D
Acq: 06 May 2024 16:02

Tgt Ion: 95 Resp: 104498
Ion Ratio Lower Upper
95 100
174 98.4 0.0 135.6
176 97.2 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: VX041381.D

Acq: 06 May 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

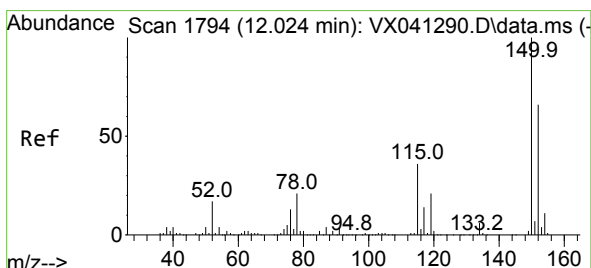
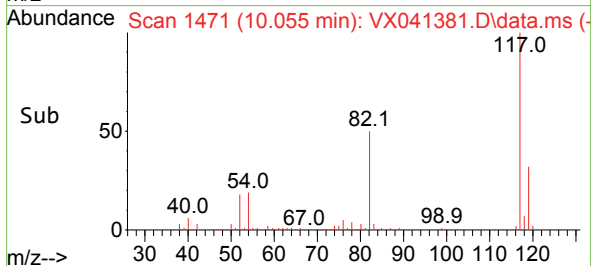
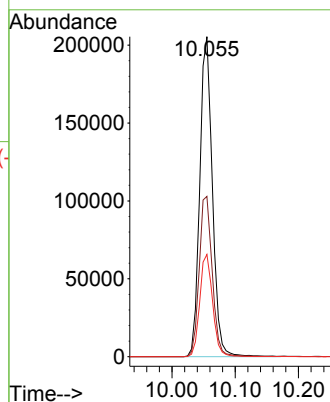
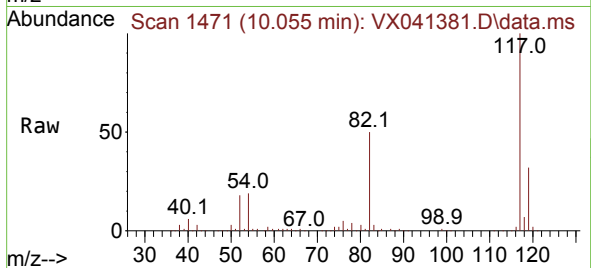
Tgt Ion:117 Resp: 285837

Ion Ratio Lower Upper

117 100

82 50.1 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041381.D

Acq: 06 May 2024 16:02

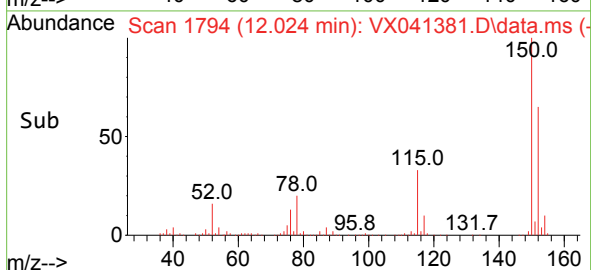
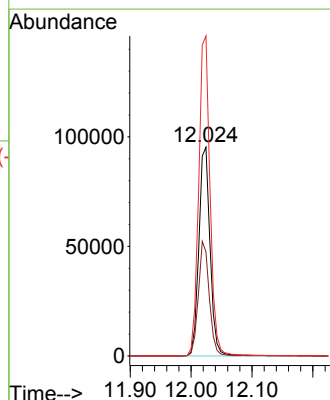
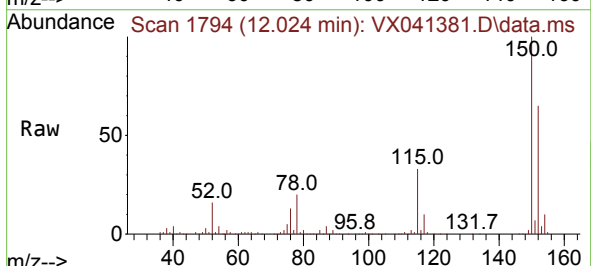
Tgt Ion:152 Resp: 122088

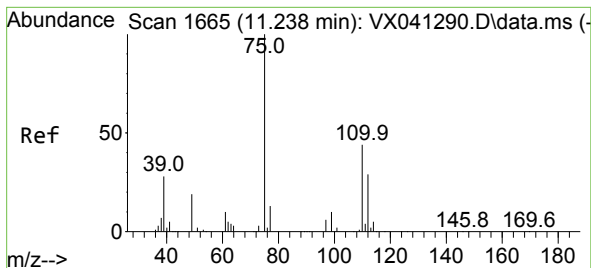
Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 154.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.082 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041381.D

Acq: 06 May 2024 16:02

Instrument :

MSVOA_X

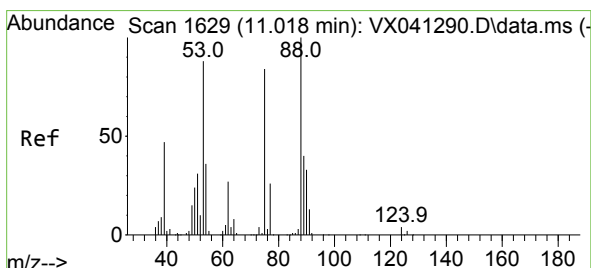
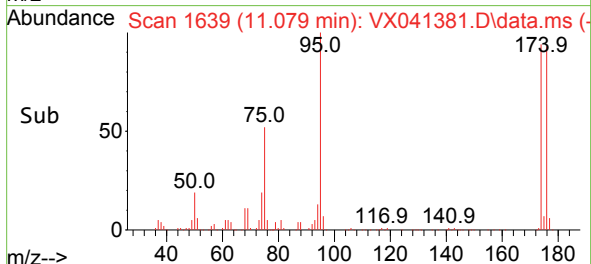
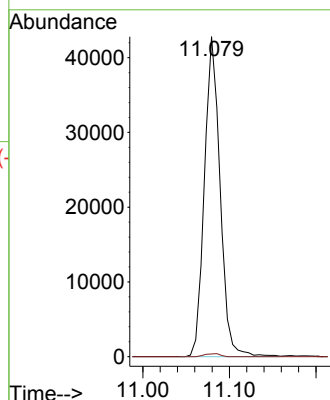
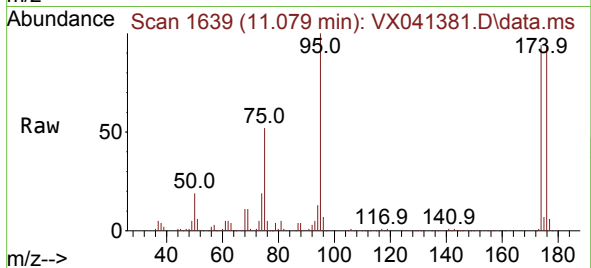
ClientSampleId :

Tgt Ion: 75 Resp: 53884

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.768 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041381.D

Acq: 06 May 2024 16:02

Tgt Ion: 75 Resp: 53884

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

