

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041492.D
 Acq On : 13 May 2024 15:27
 Operator : JC/MD
 Sample : P2450-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:33:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

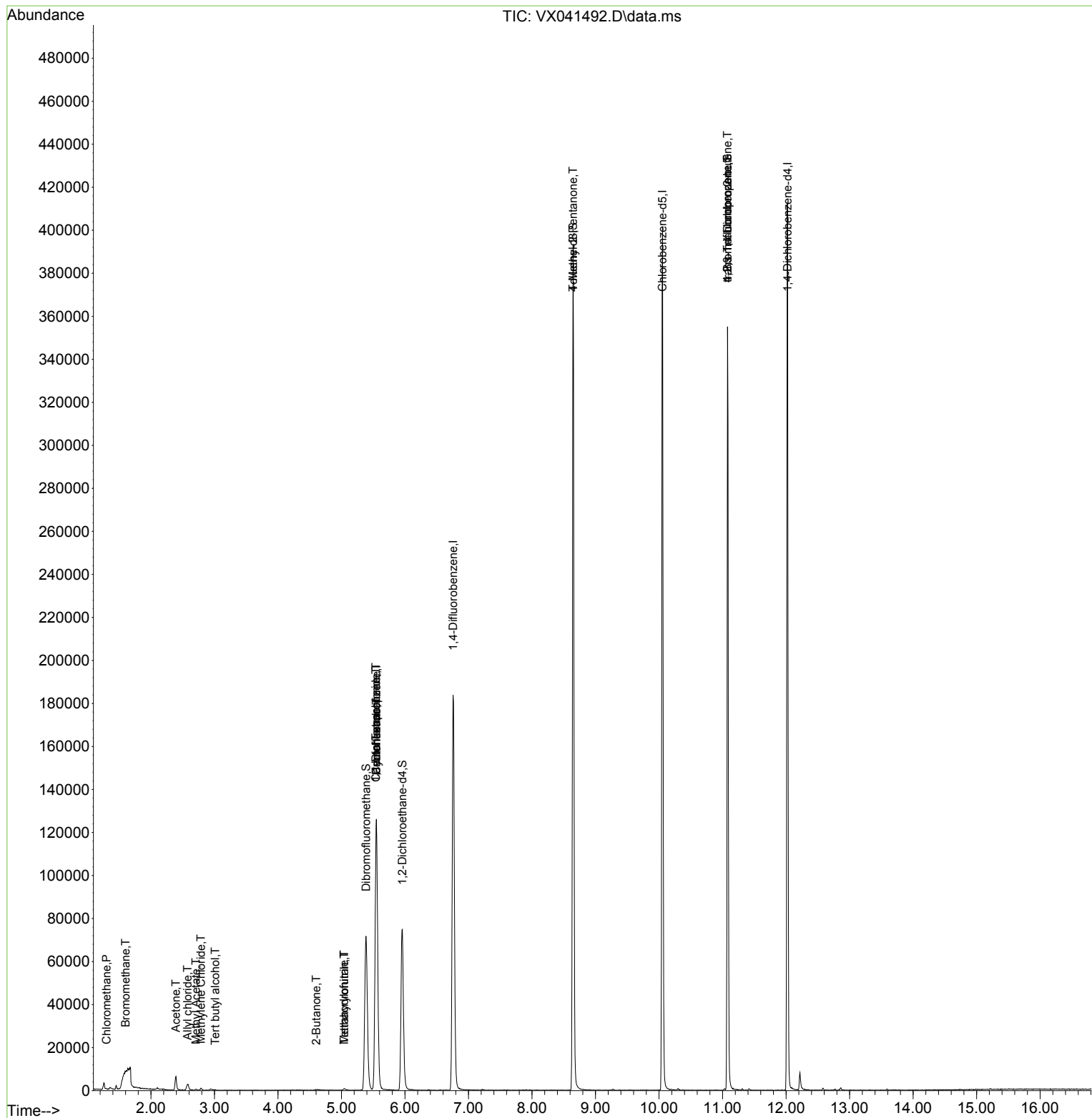
Internal Standards						
1) Pentafluorobenzene	5.550	168	132588	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	195089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74758	51.793	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.580%	
35) Dibromofluoromethane	5.385	113	61832	46.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.540%	
50) Toluene-d8	8.647	98	229637	54.879	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.760%	
62) 4-Bromofluorobenzene	11.079	95	84000	51.858	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	230	0.204	ug/l	# 43
5) Bromomethane	1.599	94	291	0.432	ug/l	# 71
11) Tert butyl alcohol	3.014	59	530	1.835	ug/l	# 78
14) Allyl chloride	2.575	41	396	0.229	ug/l	# 49
16) Acetone	2.392	43	7090	7.358	ug/l	91
18) Methyl Acetate	2.709	43	623	0.422	ug/l	# 72
20) Methylene Chloride	2.788	84	524	0.418	ug/l	# 67
25) 2-Butanone	4.605	43	291	0.311	ug/l	# 51
29) Tetrahydrofuran	5.044	42	676	1.106	ug/l	# 75
31) Cyclohexane	5.550	56	2320	1.332	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8343	5.277	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	11733	6.479	ug/l	# 15
41) Methacrylonitrile	5.044	41	449	0.442	ug/l	# 36
51) 4-Methyl-2-Pentanone	8.647	43	1148	0.645	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	44212	28.849	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	44212	78.582	ug/l	# 5

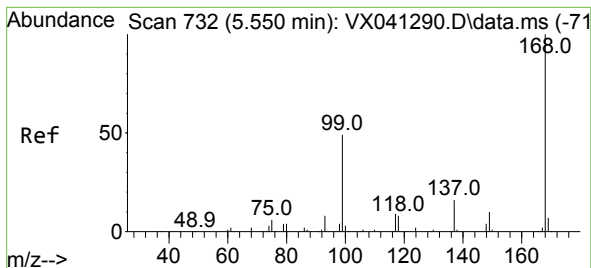
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
Data File : VX041492.D
Acq On : 13 May 2024 15:27
Operator : JC/MD
Sample : P2450-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 14 01:33:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 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: VX041492.D

Acq: 13 May 2024 15:27

Instrument :

MSVOA_X

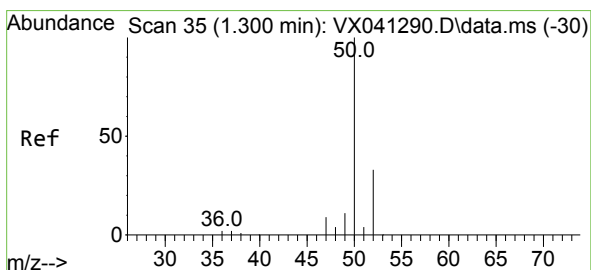
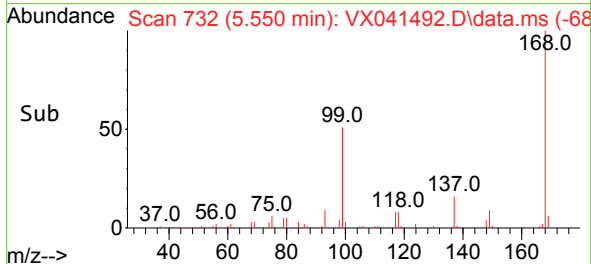
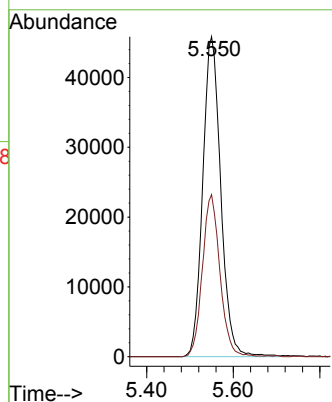
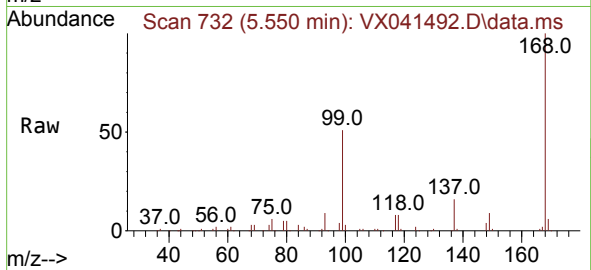
ClientSampleId :

Tgt Ion:168 Resp: 132588

Ion Ratio Lower Upper

168 100

99 50.7 56.6 85.0#



#3

Chloromethane

Concen: 0.204 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX041492.D

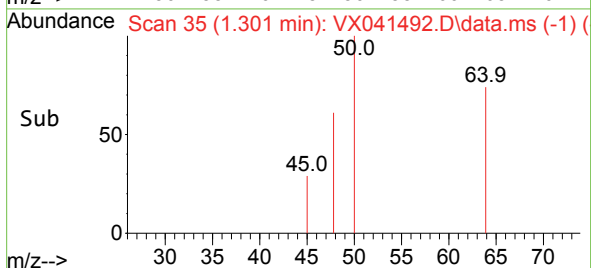
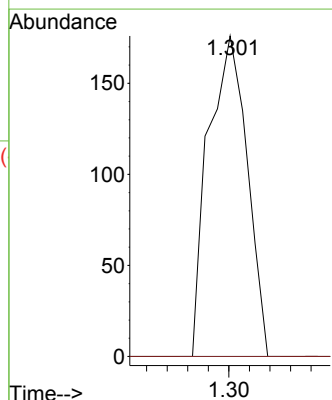
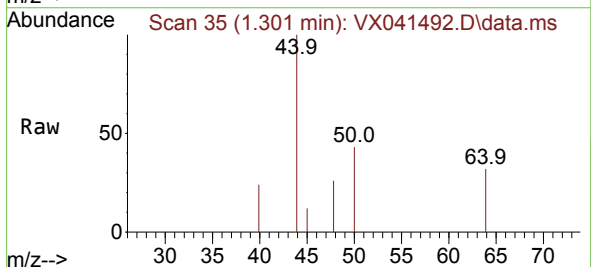
Acq: 13 May 2024 15:27

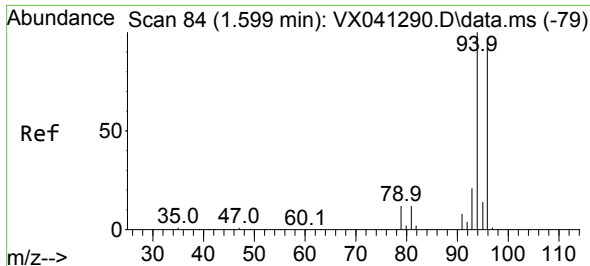
Tgt Ion: 50 Resp: 230

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

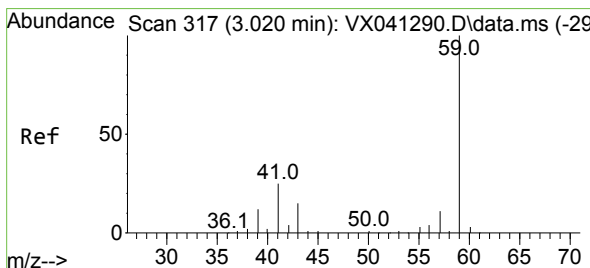
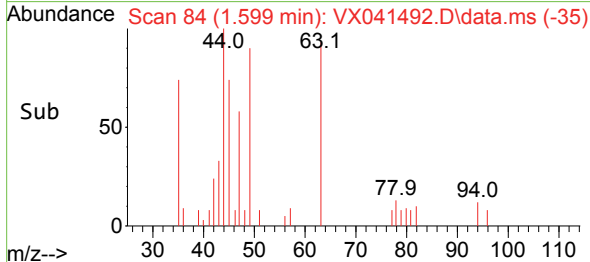
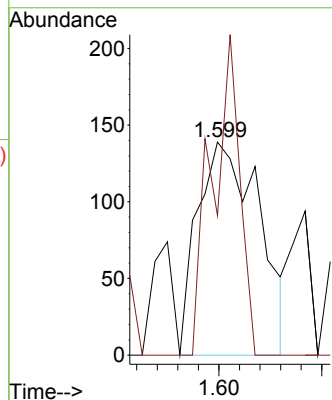
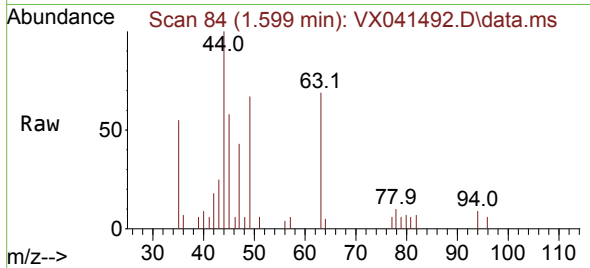




#5
Bromomethane
Concen: 0.432 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

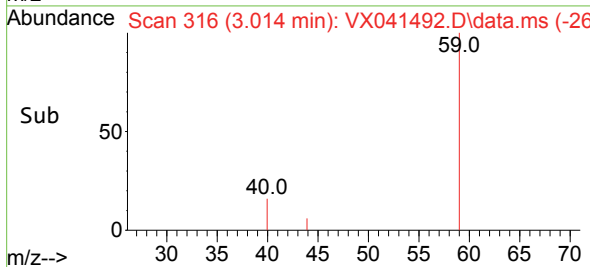
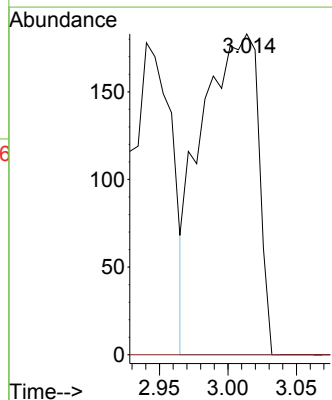
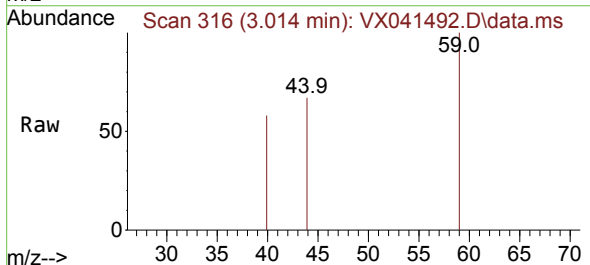
Instrument :
MSVOA_X
ClientSampleId :

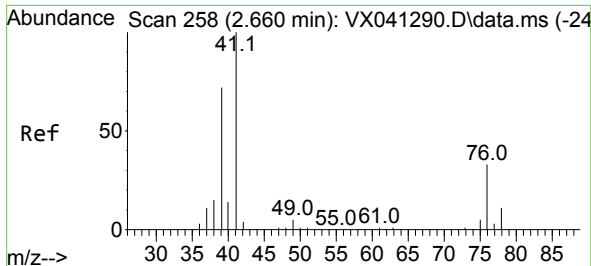
Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 65.5 74.6 111.8#



#11
Tert butyl alcohol
Concen: 1.835 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.006 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

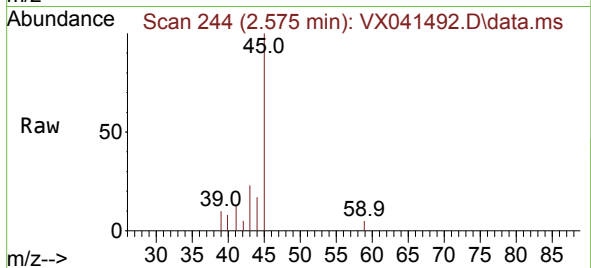
Tgt Ion: 59 Resp: 530
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



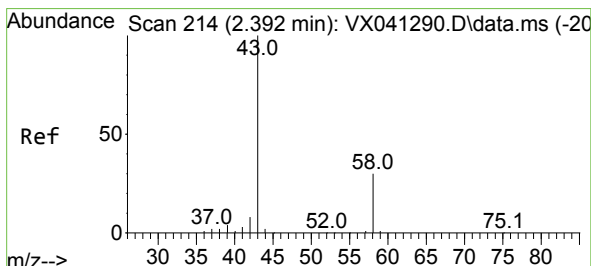
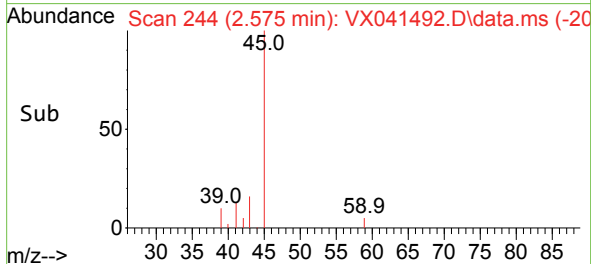
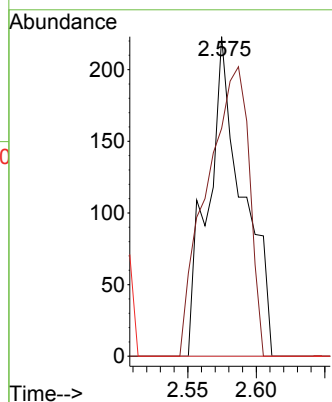


#14
 Allyl chloride
 Concen: 0.229 ug/l
 RT: 2.575 min Scan# 24
 Delta R.T. -0.085 min
 Lab File: VX041492.D
 Acq: 13 May 2024 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

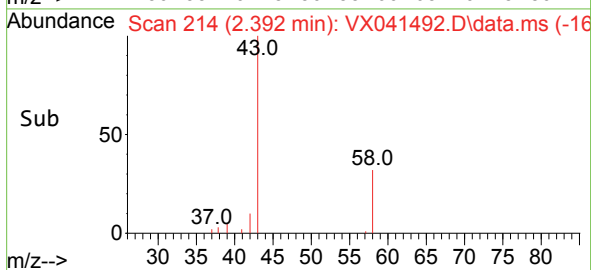
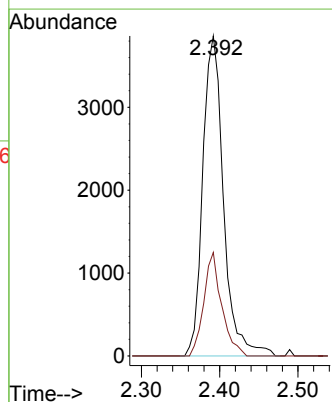
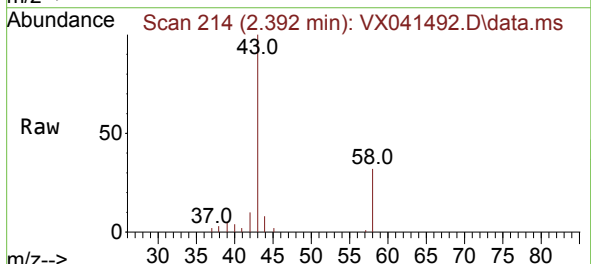


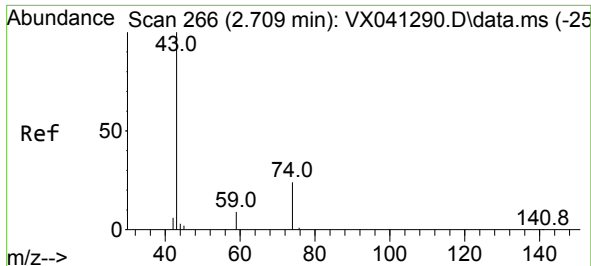
Tgt Ion: 41 Resp: 396
 Ion Ratio Lower Upper
 41 100
 39 109.8 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 7.358 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX041492.D
 Acq: 13 May 2024 15:27

Tgt Ion: 43 Resp: 7090
 Ion Ratio Lower Upper
 43 100
 58 32.3 21.9 32.9

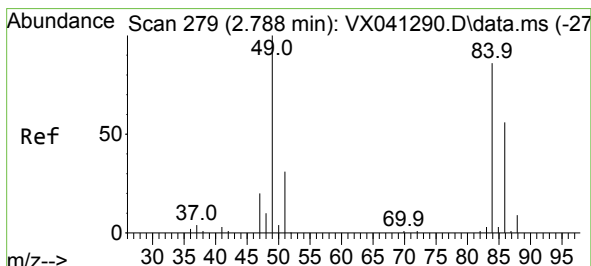
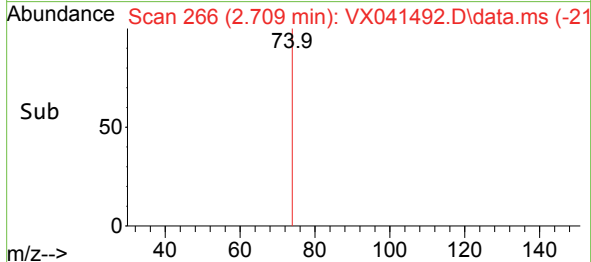
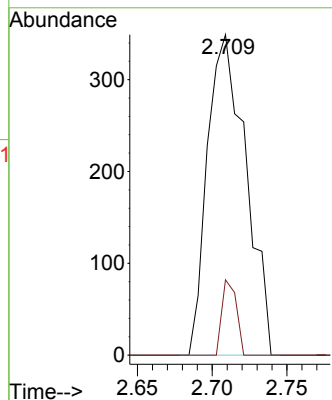
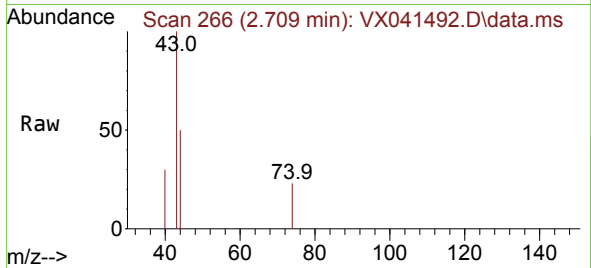




#18
Methyl Acetate
Concen: 0.422 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

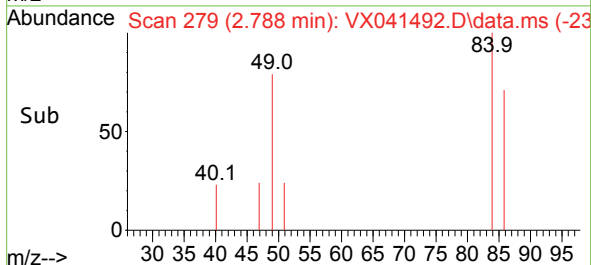
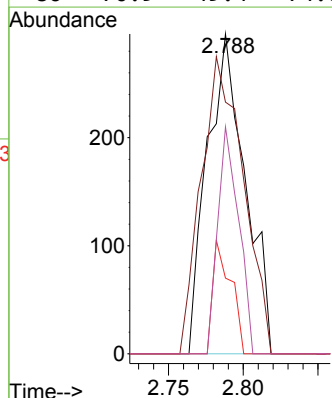
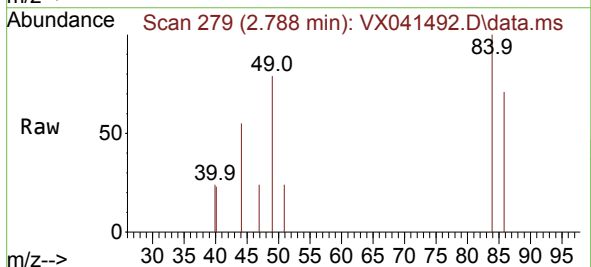
Instrument :
MSVOA_X
ClientSampleId :

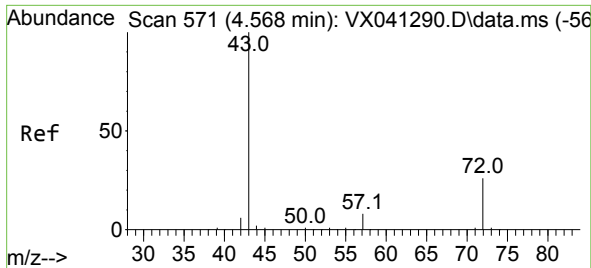
Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
74 8.8 17.8 26.8#



#20
Methylene Chloride
Concen: 0.418 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

Tgt Ion: 84 Resp: 524
Ion Ratio Lower Upper
84 100
49 78.7 103.6 155.4#
51 23.6 33.8 50.6#
86 70.9 49.4 74.0

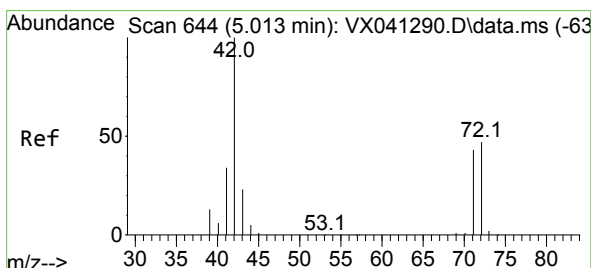
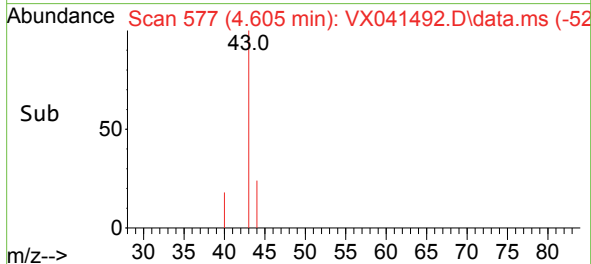
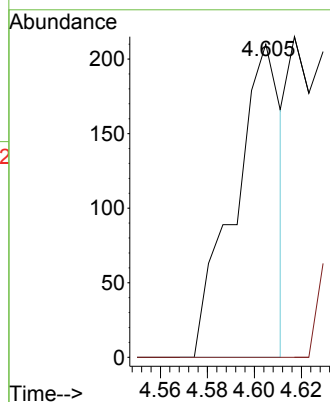
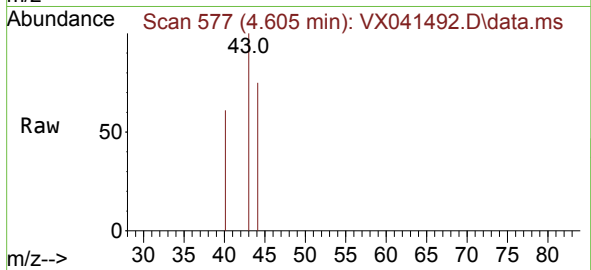




#25
2-Butanone
Concen: 0.311 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

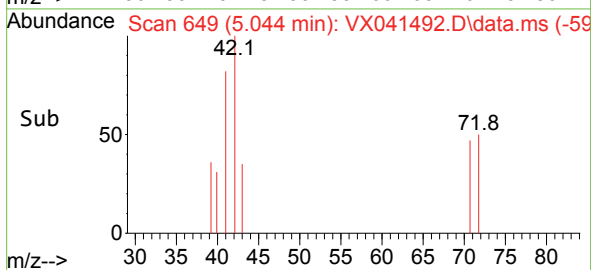
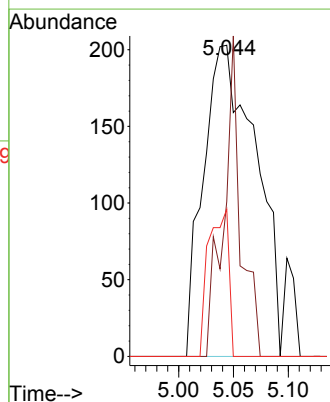
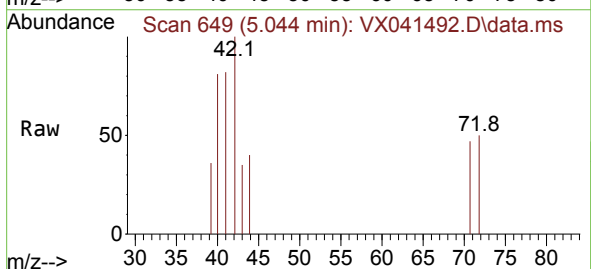
Instrument :
MSVOA_X
ClientSampleId :

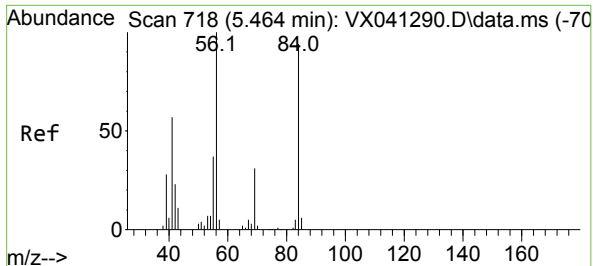
Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 1.106 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

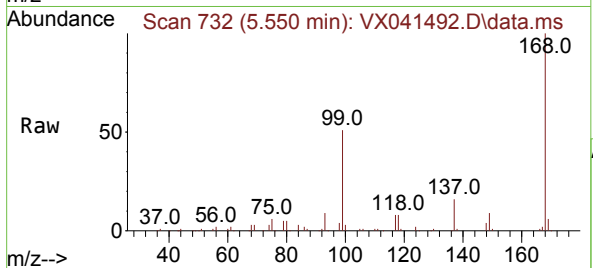
Tgt Ion: 42 Resp: 676
Ion Ratio Lower Upper
42 100
72 33.3 34.2 51.4#
71 18.2 32.2 48.2#



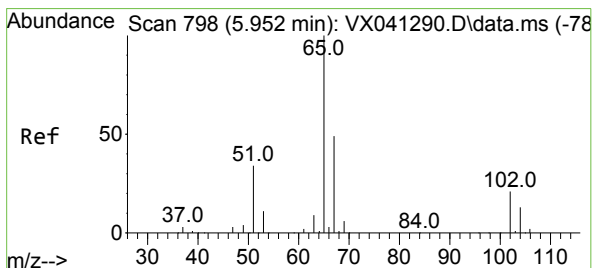
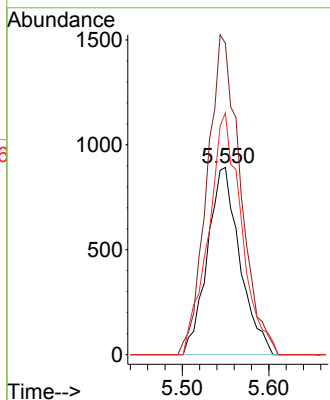
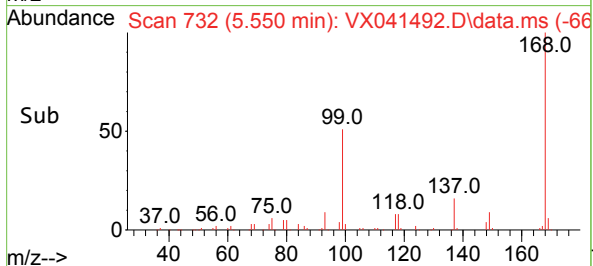


#31
Cyclohexane
Concen: 1.332 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

Instrument :
MSVOA_X
ClientSampleId :

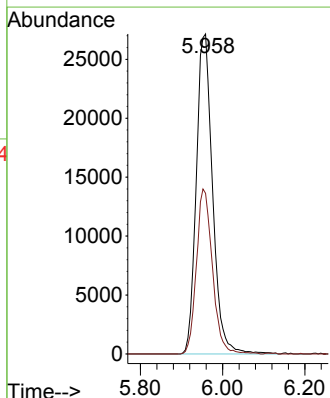
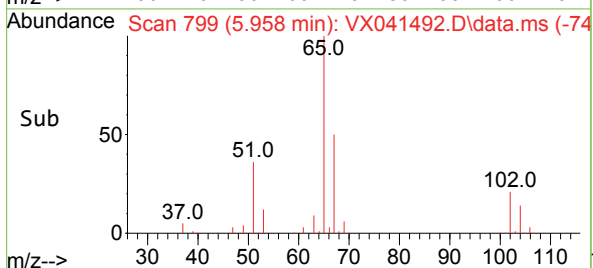
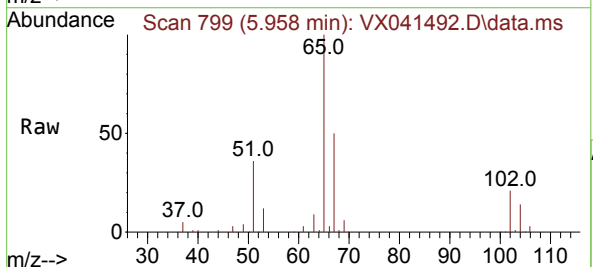


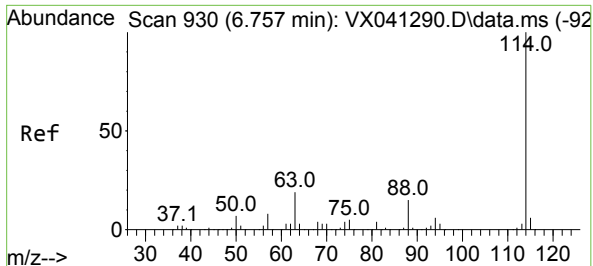
Tgt Ion: 56 Resp: 2320
Ion Ratio Lower Upper
56 100
69 166.4 23.4 35.2#
84 129.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.793 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

Tgt Ion: 65 Resp: 74758
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

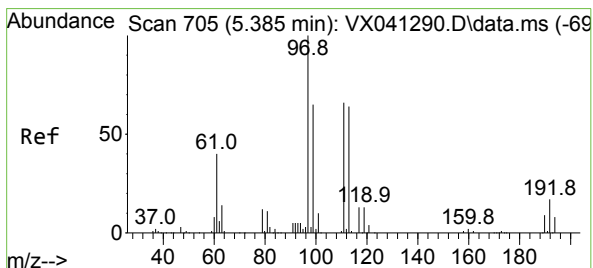
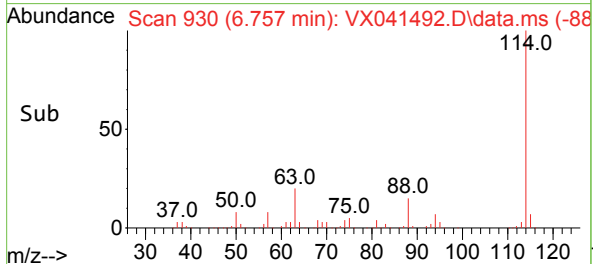
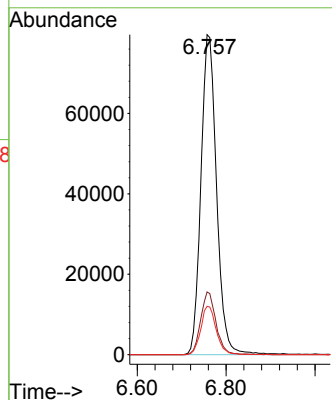
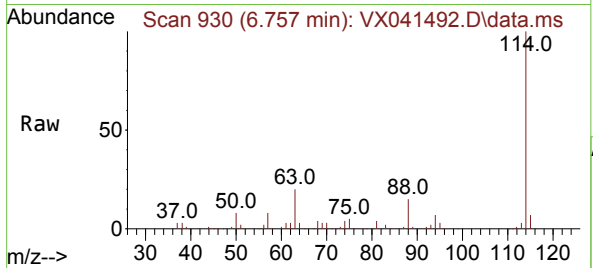




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

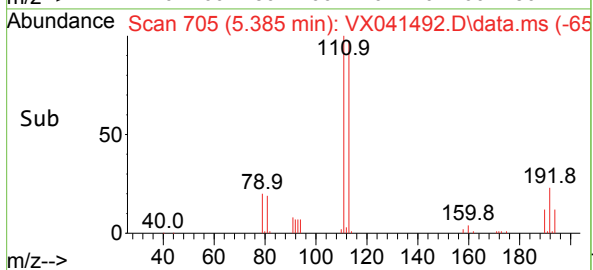
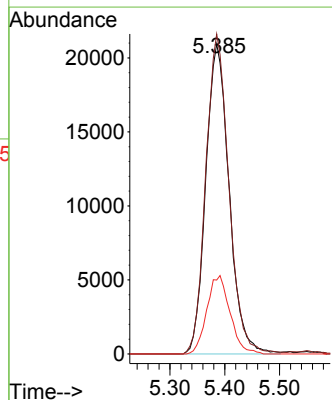
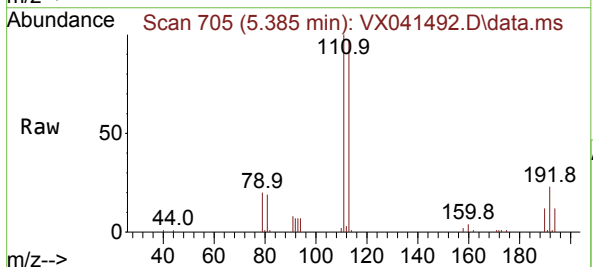
Instrument :
MSVOA_X
ClientSampleId :

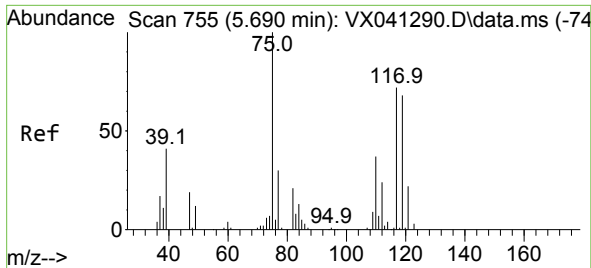
Tgt Ion:114 Resp: 195089
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

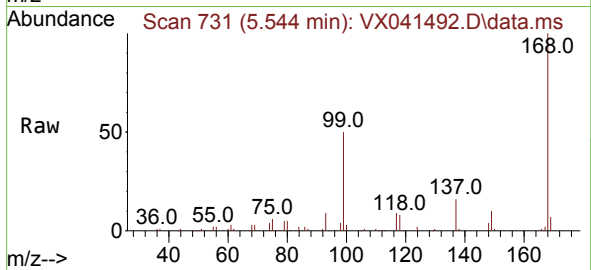
Tgt Ion:113 Resp: 61832
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.1 13.3 19.9#



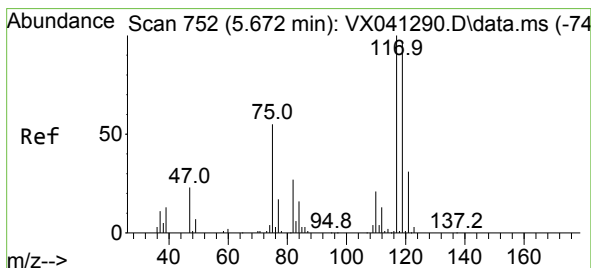
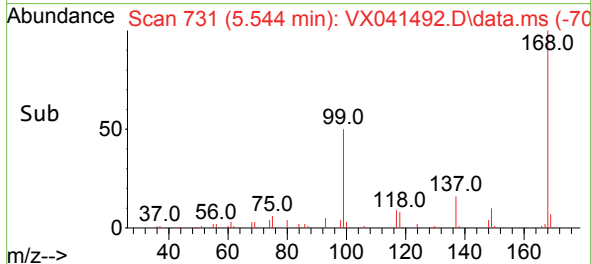
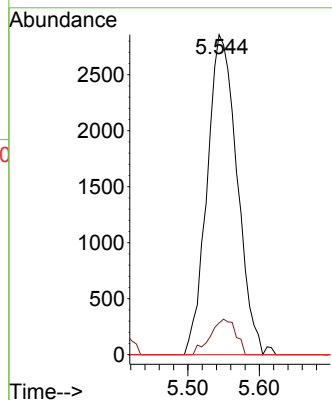


#36
1,1-Dichloropropene
Concen: 5.277 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

Instrument :
MSVOA_X
ClientSampleId :

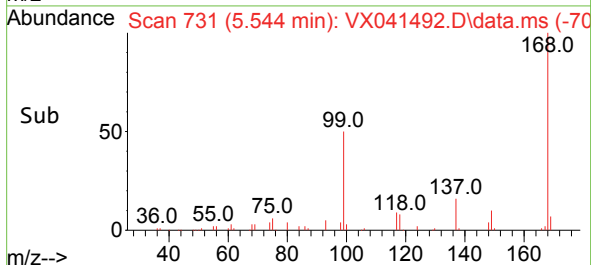
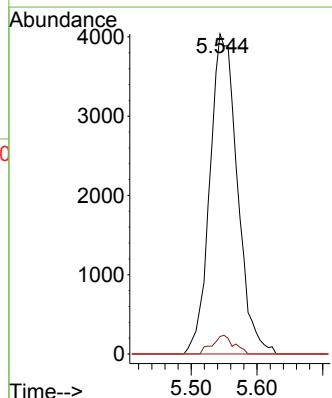
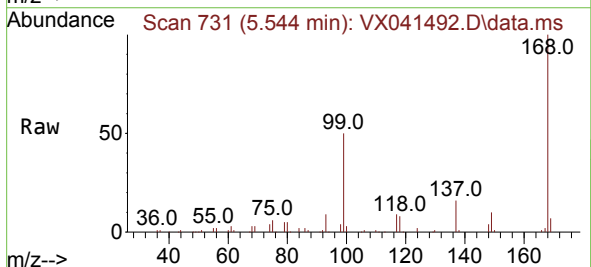


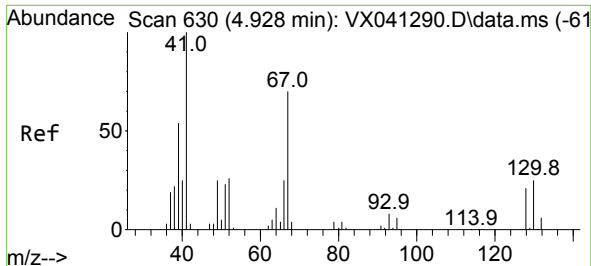
Tgt Ion: 75 Resp: 8343
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.479 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

Tgt Ion: 117 Resp: 11733
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

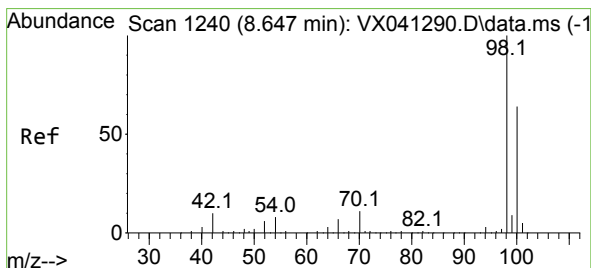
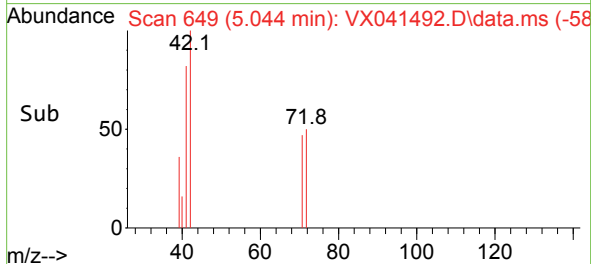
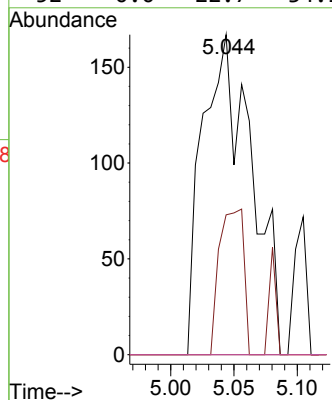
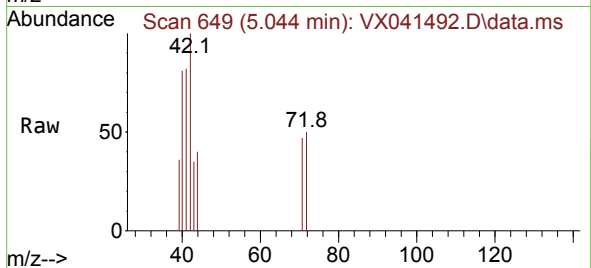




#41
Methacrylonitrile
Concen: 0.442 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

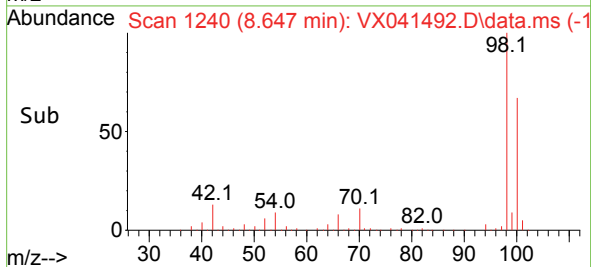
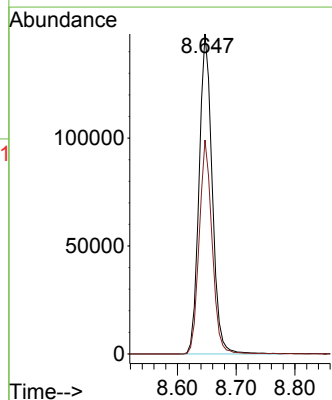
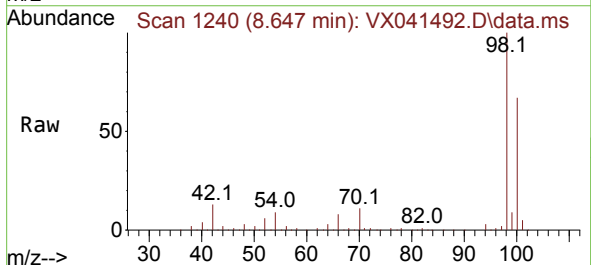
Instrument :
MSVOA_X
ClientSampleId :

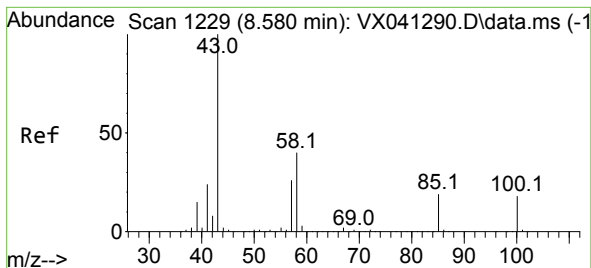
Tgt Ion: 41 Resp: 449
Ion Ratio Lower Upper
41 100
39 22.7 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#50
Toluene-d8
Concen: 54.879 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

Tgt Ion: 98 Resp: 229637
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.645 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX041492.D

Acq: 13 May 2024 15:27

Instrument :

MSVOA_X

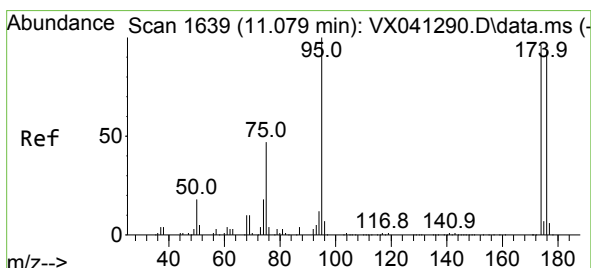
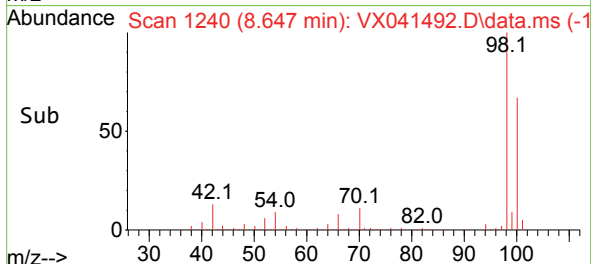
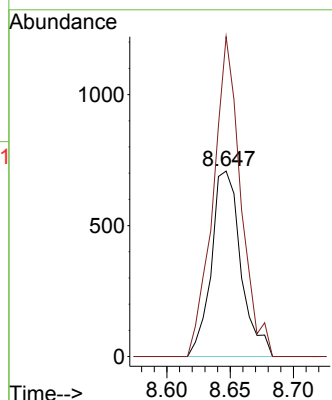
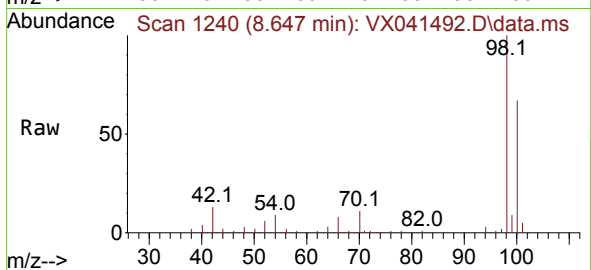
ClientSampleId :

Tgt Ion: 43 Resp: 1148

Ion Ratio Lower Upper

43 100

58 161.7 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 51.858 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041492.D

Acq: 13 May 2024 15:27

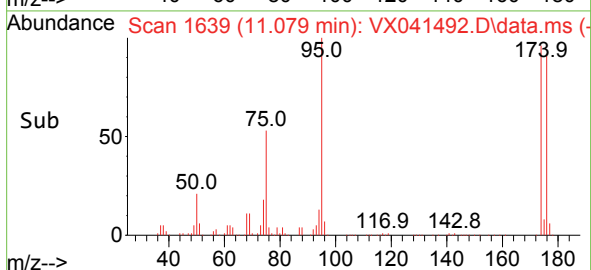
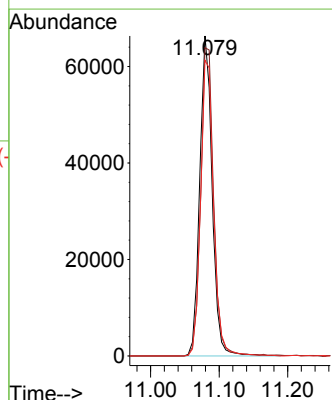
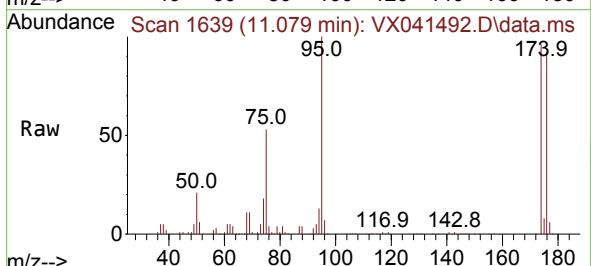
Tgt Ion: 95 Resp: 84000

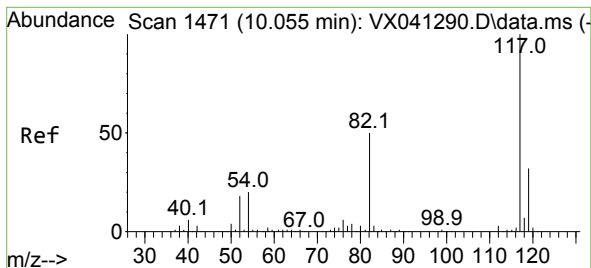
Ion Ratio Lower Upper

95 100

174 100.0 0.0 135.6

176 96.5 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: VX041492.D

Acq: 13 May 2024 15:27

Instrument :

MSVOA_X

ClientSampleId :

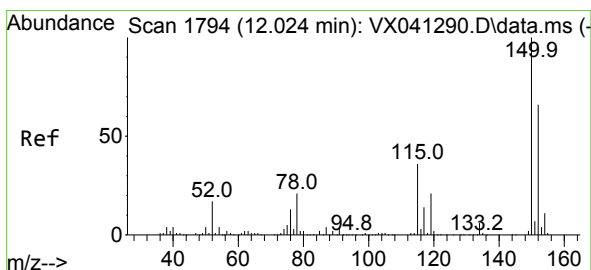
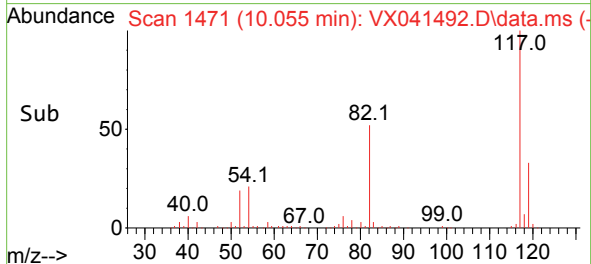
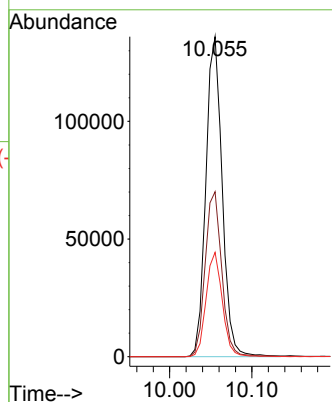
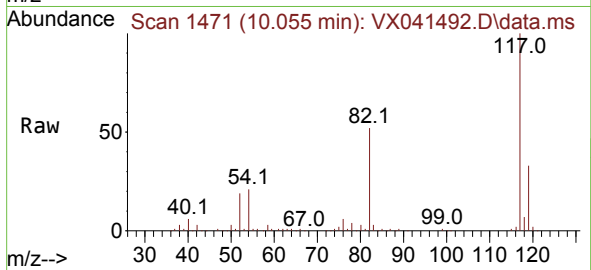
Tgt Ion:117 Resp: 187858

Ion Ratio Lower Upper

117 100

82 51.6 46.2 69.4

119 32.6 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: VX041492.D

Acq: 13 May 2024 15:27

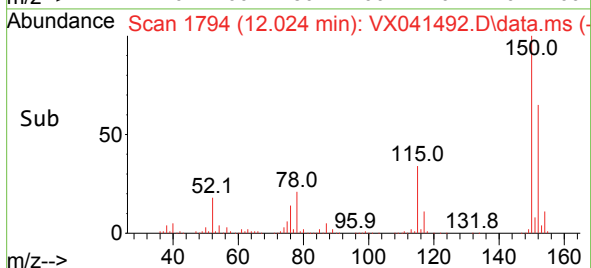
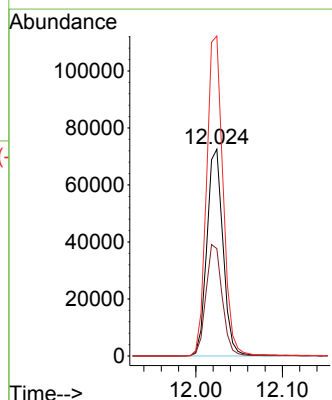
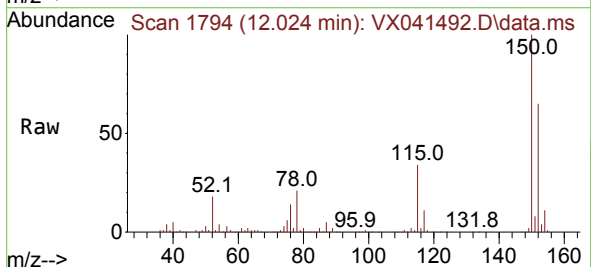
Tgt Ion:152 Resp: 94038

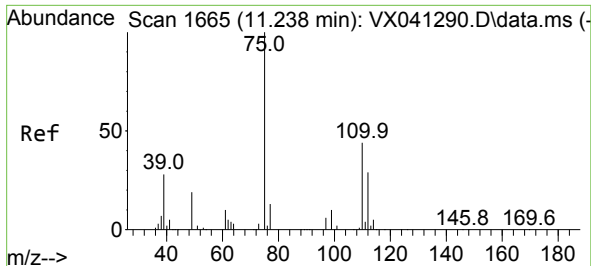
Ion Ratio Lower Upper

152 100

115 54.3 43.3 129.9

150 157.1 0.0 345.0

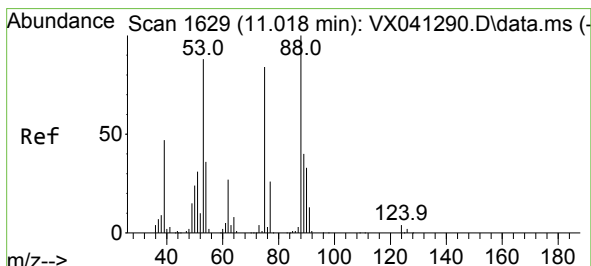
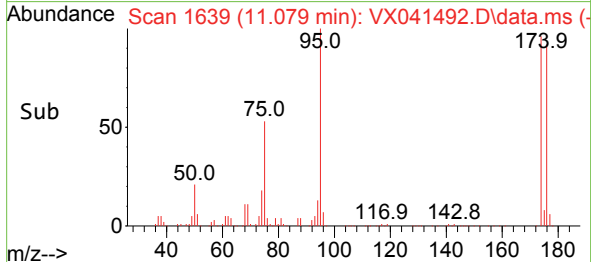
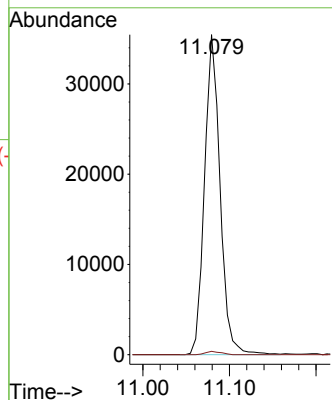
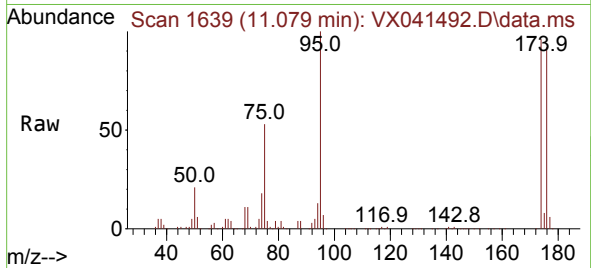




#76
1,2,3-Trichloropropane
Concen: 28.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 44212
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041492.D
Acq: 13 May 2024 15:27

Tgt Ion: 75 Resp: 44212
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

