

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041488.D
 Acq On : 13 May 2024 13:55
 Operator : JC/MD
 Sample : P2445-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:31:54 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)

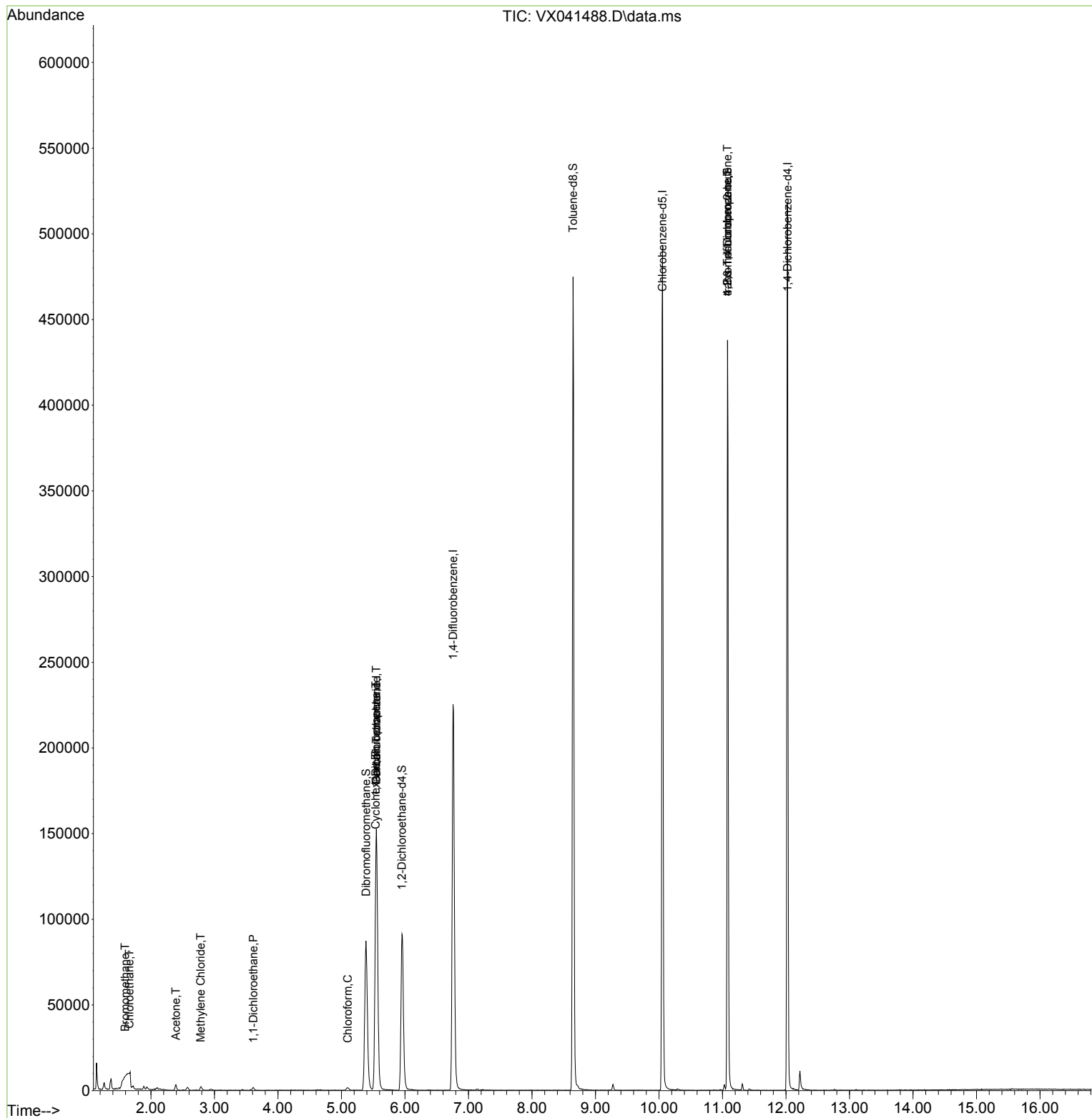
Internal Standards						
1) Pentafluorobenzene	5.550	168	160591	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	239978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91796	52.507	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.020%		
35) Dibromofluoromethane	5.385	113	75086	46.171	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 92.340%		
50) Toluene-d8	8.647	98	279967	54.392	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 108.780%		
62) 4-Bromofluorobenzene	11.079	95	108521	54.464	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.920%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	400	0.490	ug/l #	49
6) Chloroethane	1.660	64	210	0.347	ug/l #	43
16) Acetone	2.392	43	3571	0.739	ug/l	97
20) Methylene Chloride	2.782	84	1135	0.748	ug/l #	83
24) 1,1-Dichloroethane	3.611	63	2078	0.830	ug/l #	83
30) Chloroform	5.099	83	1891	0.726	ug/l	95
31) Cyclohexane	5.538	56	2838	1.345	ug/l #	14
36) 1,1-Dichloropropene	5.544	75	10616	5.459	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14310	6.424	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	54864	28.453	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54864	77.502	ug/l #	5

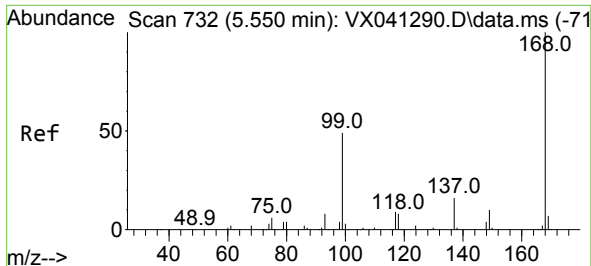
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX041488.D

Acq: 13 May 2024 13:55

Instrument :

MSVOA_X

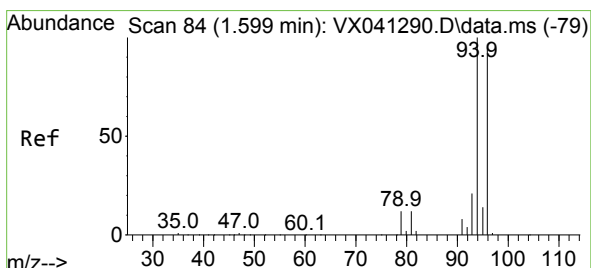
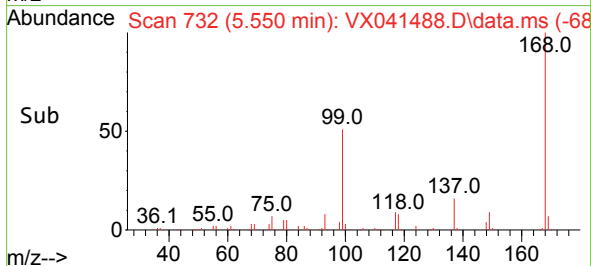
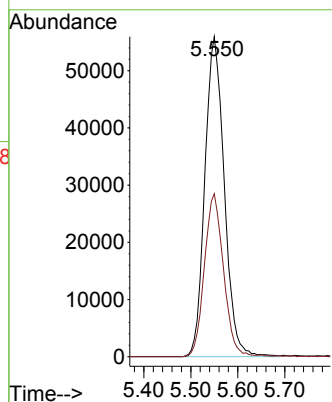
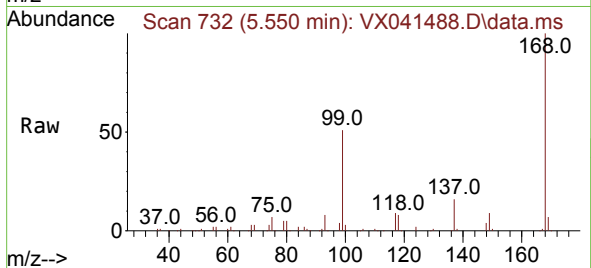
ClientSampleId :

Tgt Ion:168 Resp: 160591

Ion Ratio Lower Upper

168 100

99 50.9 56.6 85.0#



#5

Bromomethane

Concen: 0.490 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.006 min

Lab File: VX041488.D

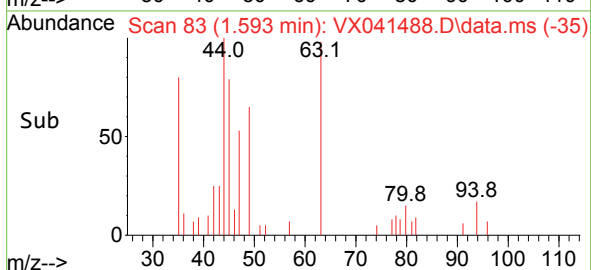
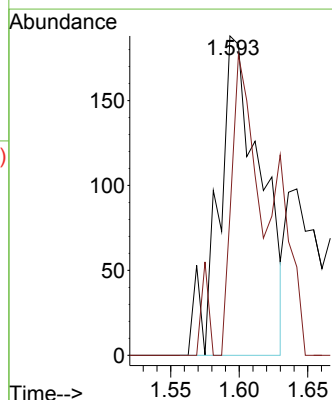
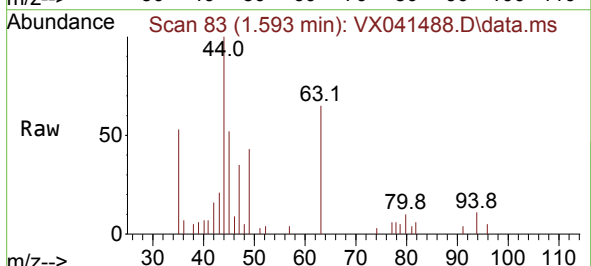
Acq: 13 May 2024 13:55

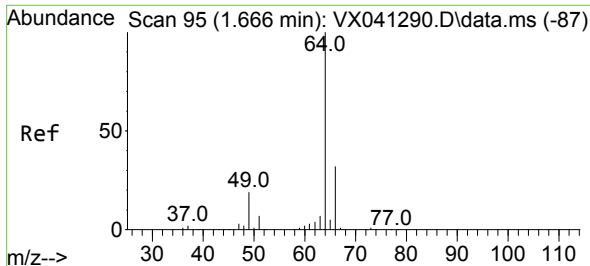
Tgt Ion: 94 Resp: 400

Ion Ratio Lower Upper

94 100

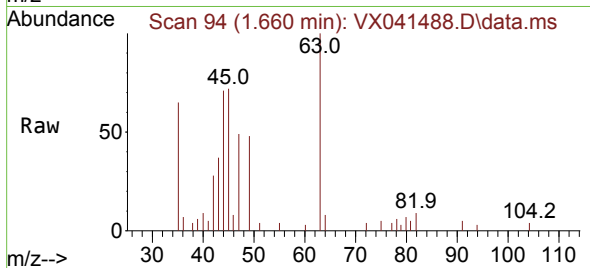
96 44.1 74.6 111.8#



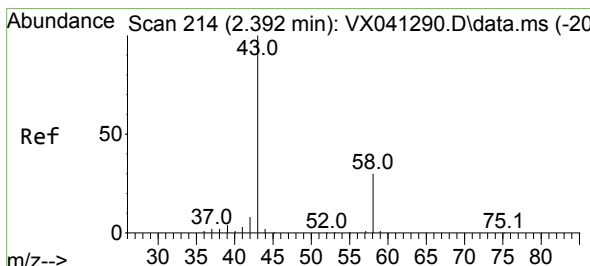
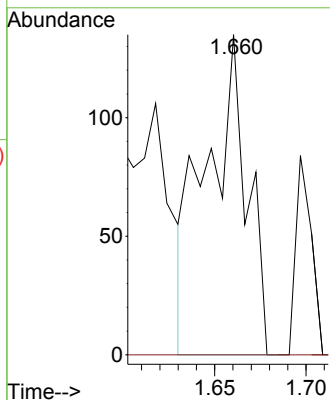
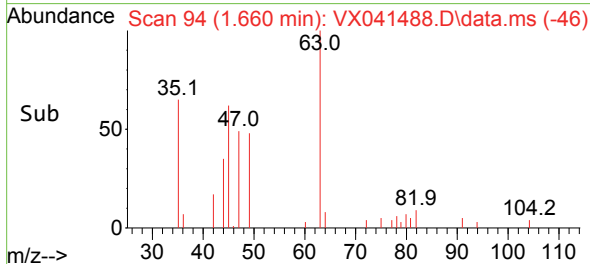


#6
 Chloroethane
 Concen: 0.347 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VX041488.D
 Acq: 13 May 2024 13:55

Instrument :
 MSVOA_X
 ClientSampleId :

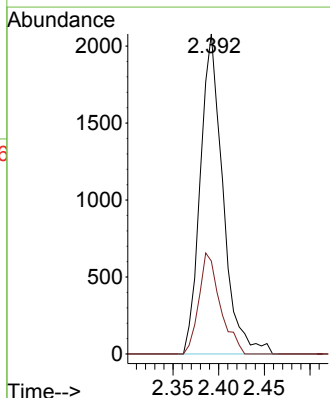
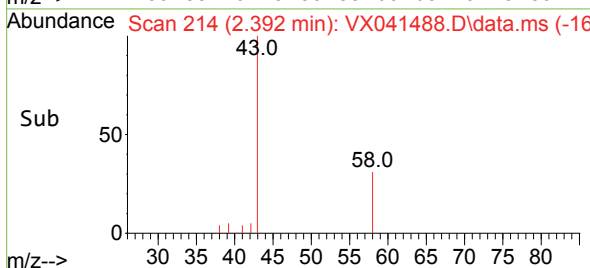
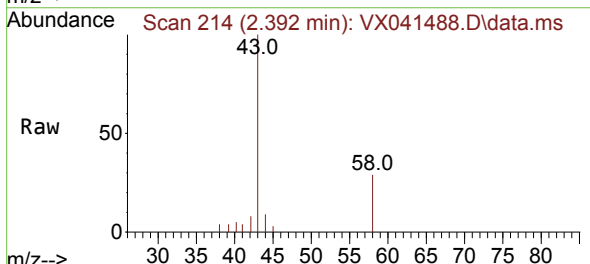


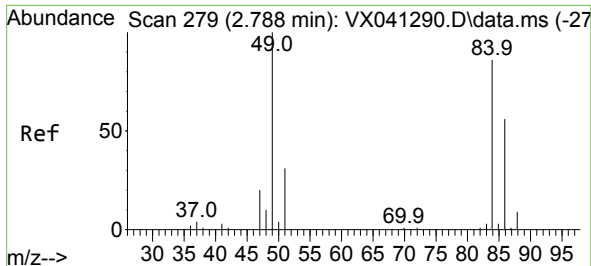
Tgt Ion: 64 Resp: 210
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#



#16
 Acetone
 Concen: 0.739 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX041488.D
 Acq: 13 May 2024 13:55

Tgt Ion: 43 Resp: 3571
 Ion Ratio Lower Upper
 43 100
 58 29.1 21.9 32.9





#20

Methylene Chloride

Concen: 0.748 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

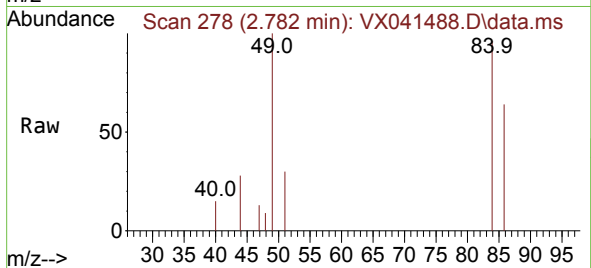
Lab File: VX041488.D

Acq: 13 May 2024 13:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1135

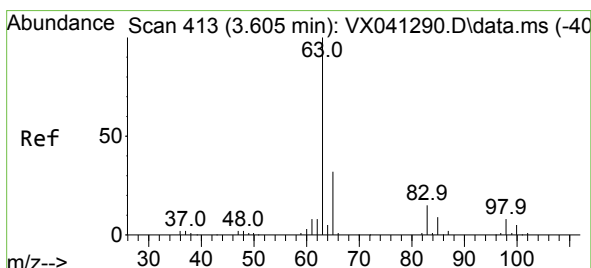
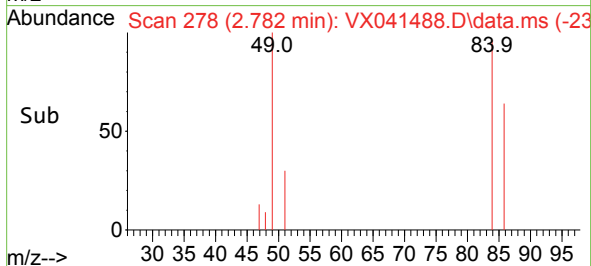
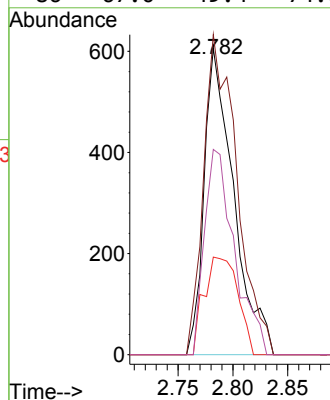
Ion Ratio Lower Upper

84 100

49 104.5 103.6 155.4

51 31.8 33.8 50.6#

86 67.0 49.4 74.0



#24

1,1-Dichloroethane

Concen: 0.830 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX041488.D

Acq: 13 May 2024 13:55

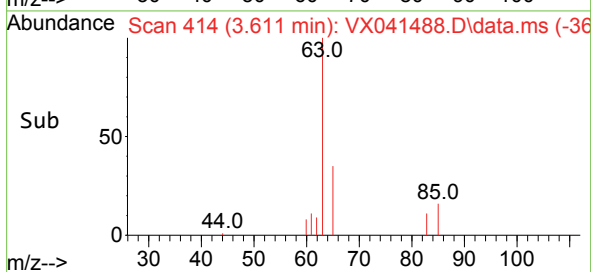
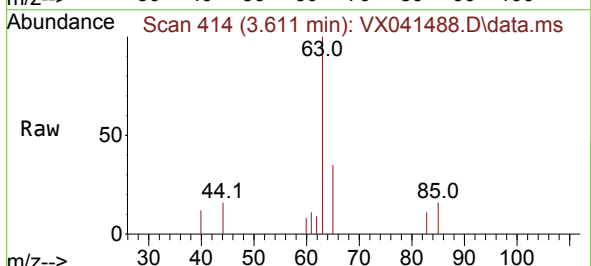
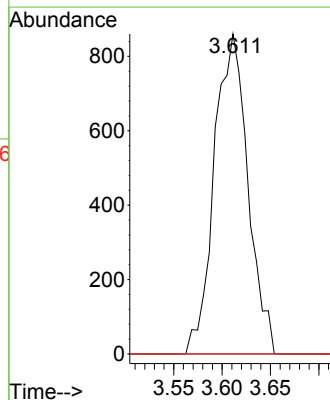
Tgt Ion: 63 Resp: 2078

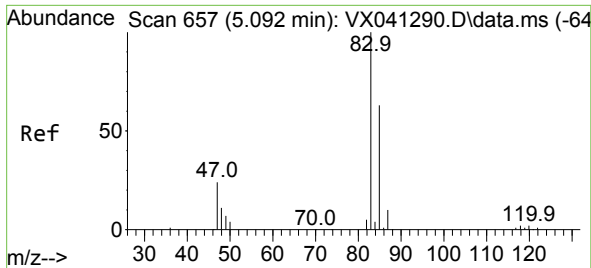
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#

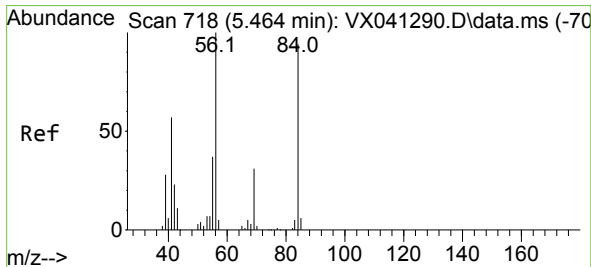
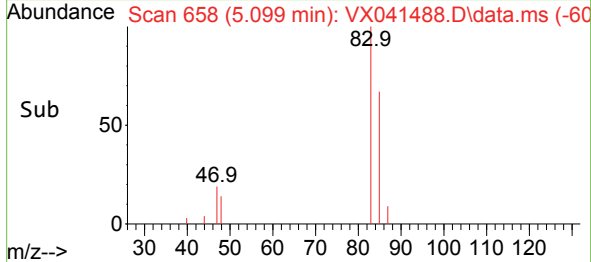
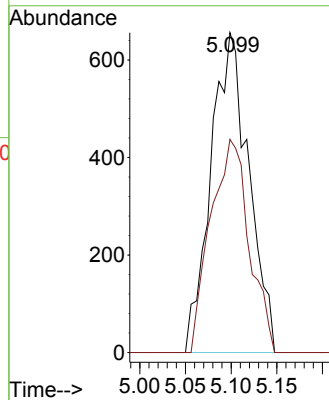
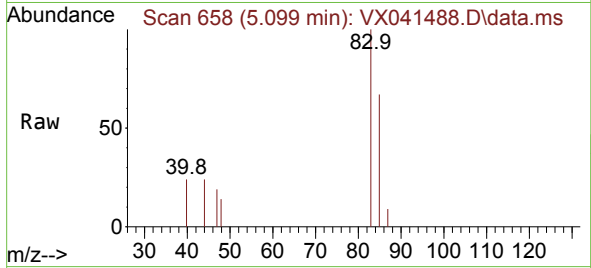




#30
Chloroform
Concen: 0.726 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041488.D
Acq: 13 May 2024 13:55

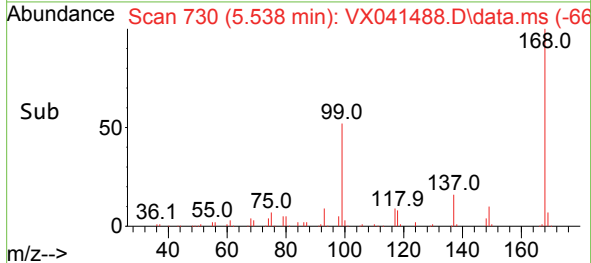
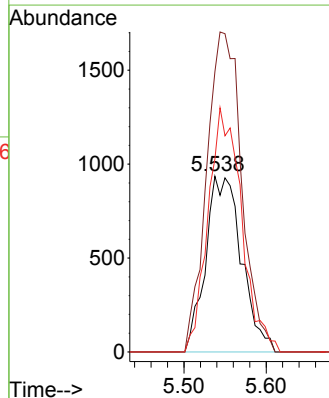
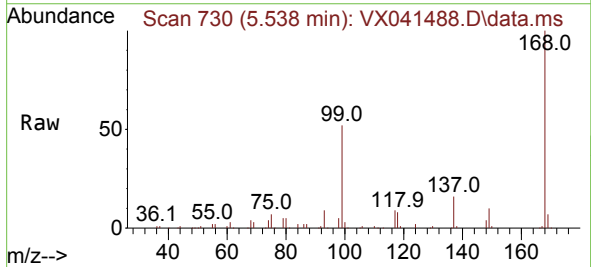
Instrument :
MSVOA_X
ClientSampleId :

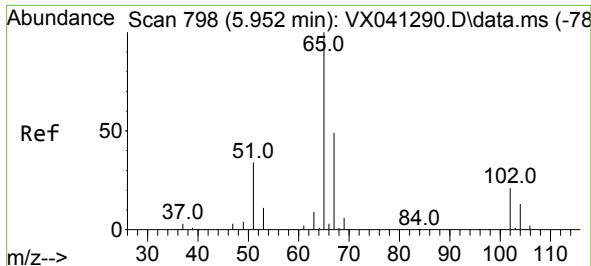
Tgt Ion: 83 Resp: 1891
Ion Ratio Lower Upper
83 100
85 66.6 50.3 75.5



#31
Cyclohexane
Concen: 1.345 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX041488.D
Acq: 13 May 2024 13:55

Tgt Ion: 56 Resp: 2838
Ion Ratio Lower Upper
56 100
69 159.5 23.4 35.2#
84 109.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.507 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041488.D

Acq: 13 May 2024 13:55

Instrument :

MSVOA_X

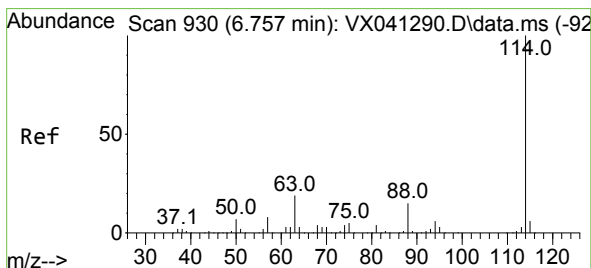
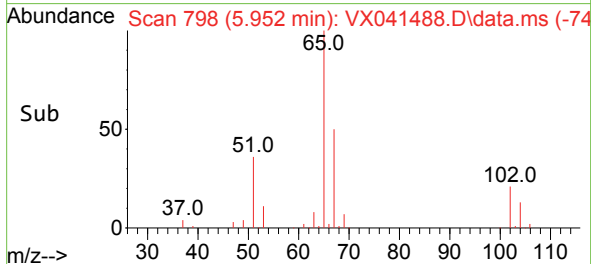
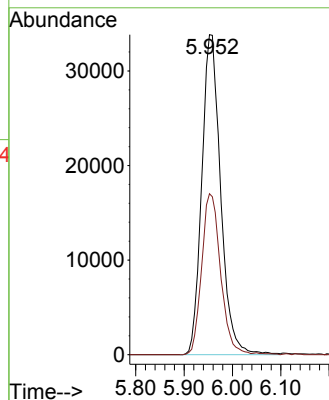
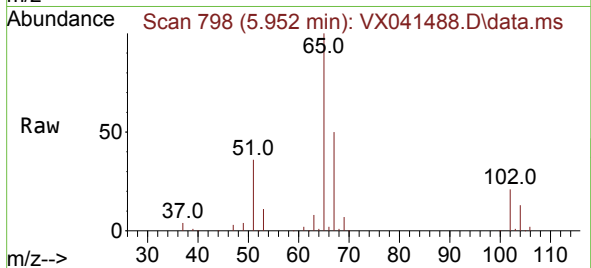
ClientSampleId :

Tgt Ion: 65 Resp: 91796

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041488.D

Acq: 13 May 2024 13:55

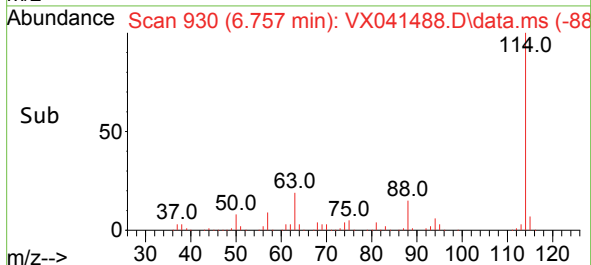
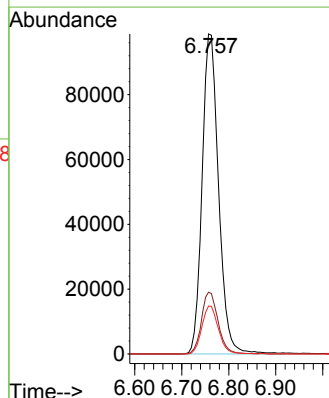
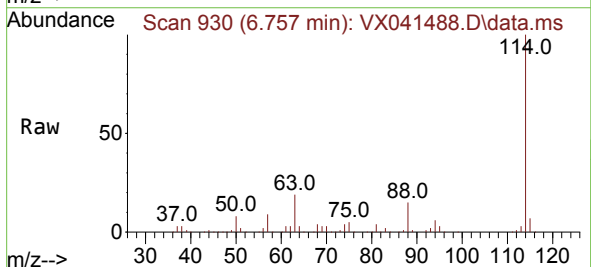
Tgt Ion: 114 Resp: 239978

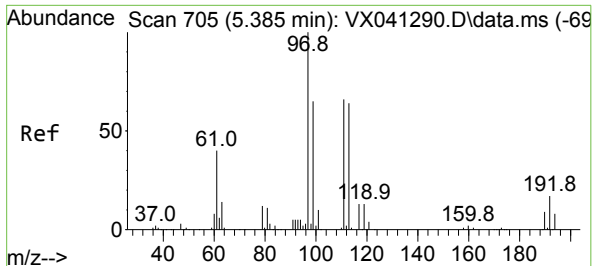
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

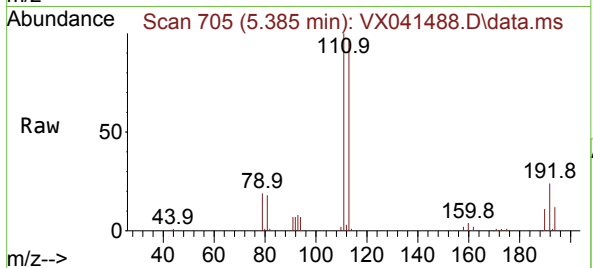
88 14.9 0.0 36.6



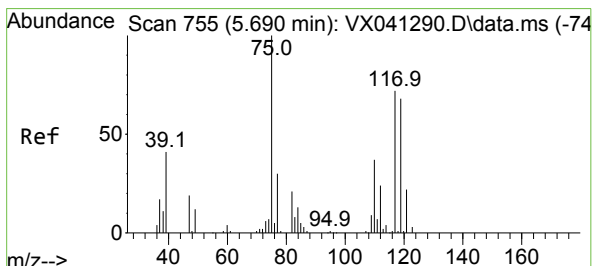
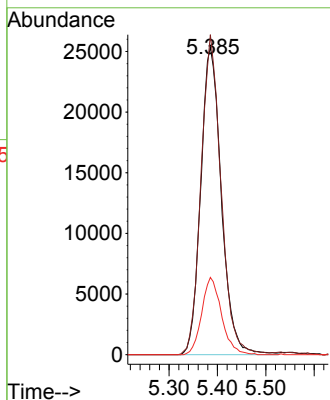
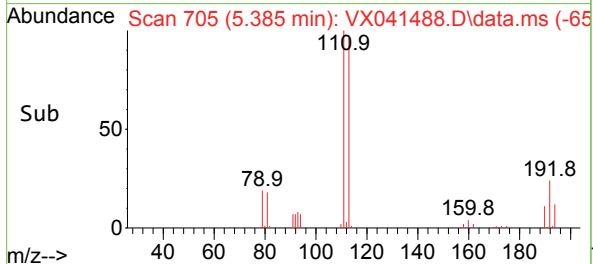


#35
Dibromofluoromethane
Concen: 46.171 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041488.D
Acq: 13 May 2024 13:55

Instrument :
MSVOA_X
ClientSampleId :

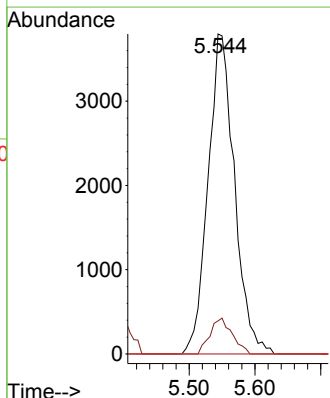
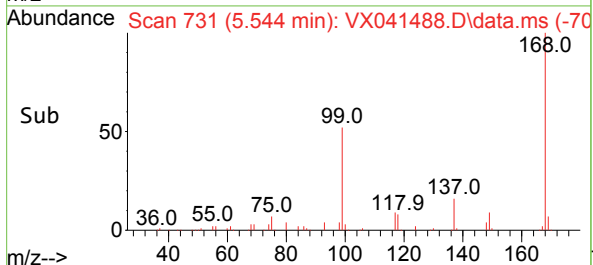
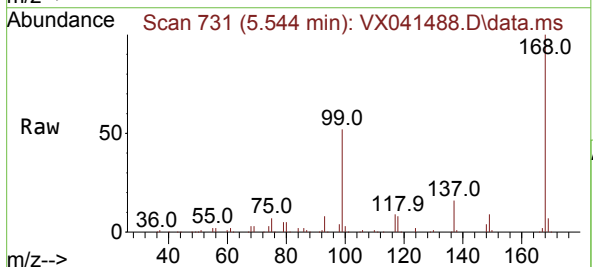


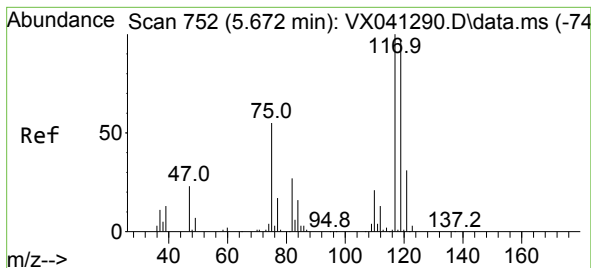
Tgt Ion:113 Resp: 75086
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 24.1 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.459 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041488.D
Acq: 13 May 2024 13:55

Tgt Ion: 75 Resp: 10616
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.424 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

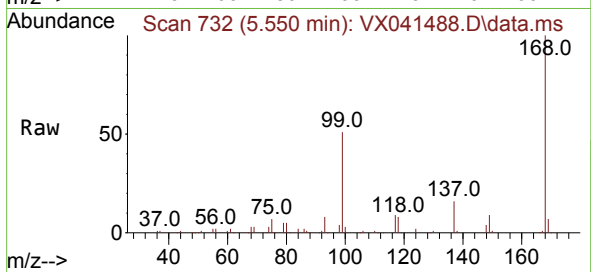
Lab File: VX041488.D

Acq: 13 May 2024 13:55

Instrument :

MSVOA_X

ClientSampleId :



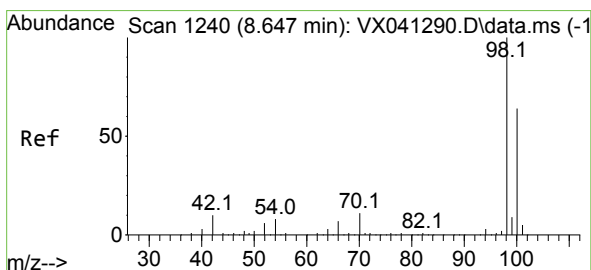
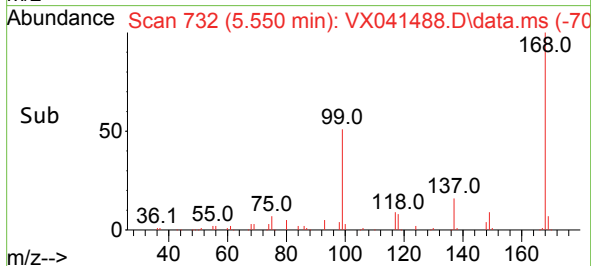
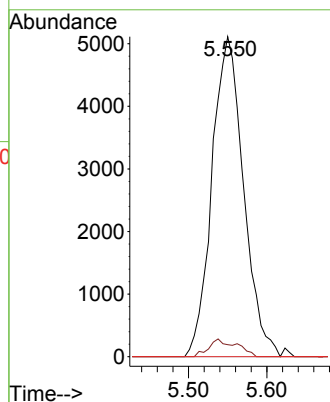
Tgt Ion:117 Resp: 14310

Ion Ratio Lower Upper

117 100

119 3.7 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 54.392 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041488.D

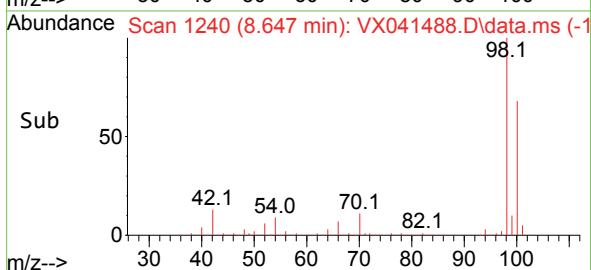
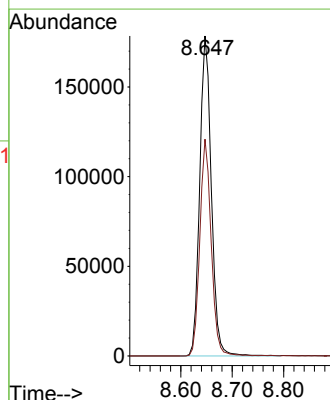
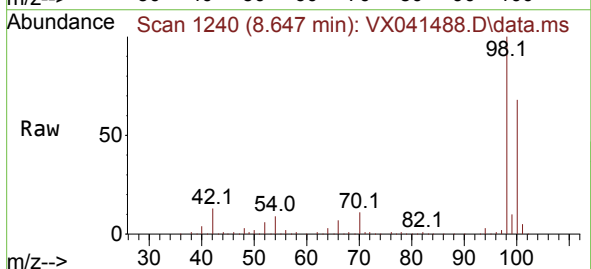
Acq: 13 May 2024 13:55

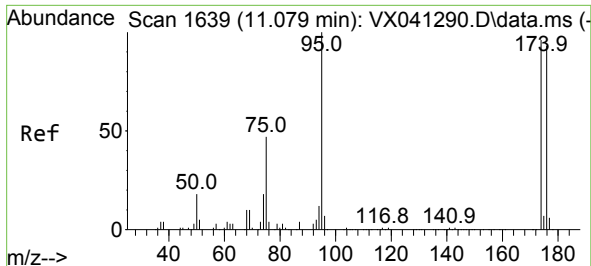
Tgt Ion: 98 Resp: 279967

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

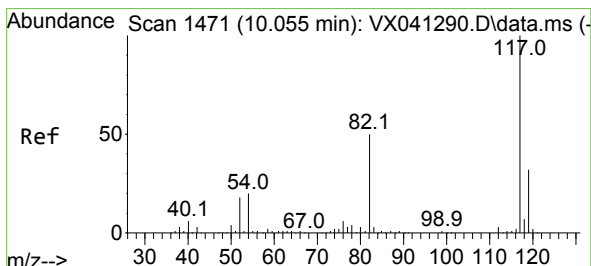
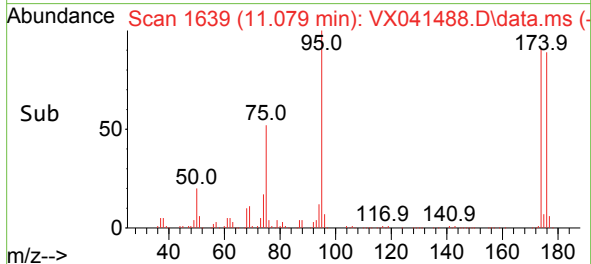
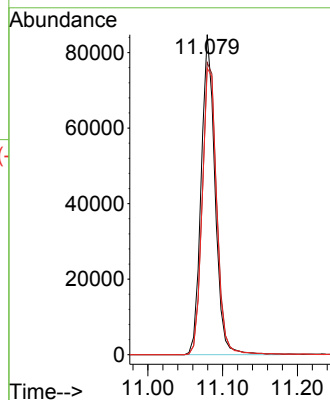
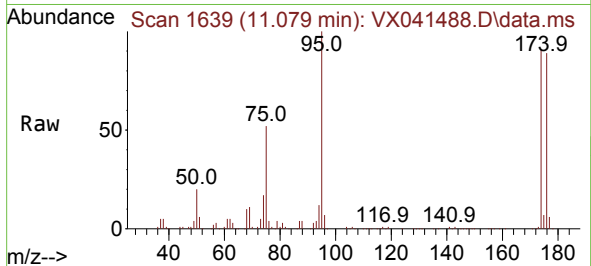




#62
4-Bromofluorobenzene
Concen: 54.464 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041488.D
Acq: 13 May 2024 13:55

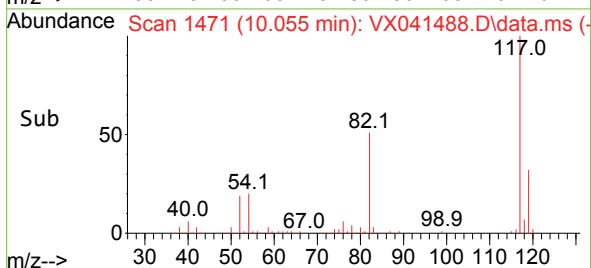
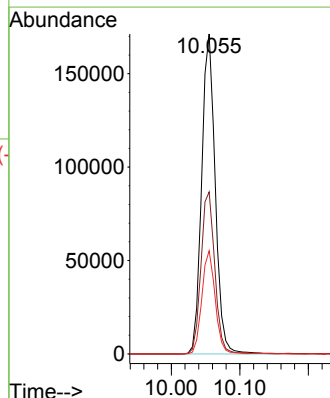
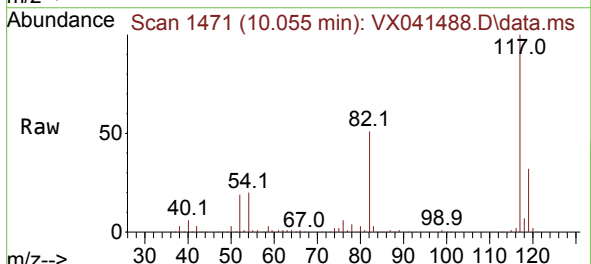
Instrument :
MSVOA_X
ClientSampleId :

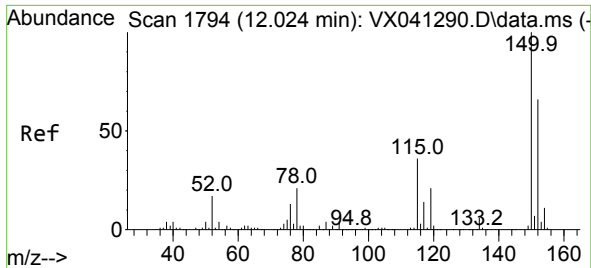
Tgt Ion: 95 Resp: 108521
Ion Ratio Lower Upper
95 100
174 96.4 0.0 135.6
176 94.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041488.D
Acq: 13 May 2024 13:55

Tgt Ion: 117 Resp: 236751
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.3 25.5 38.3

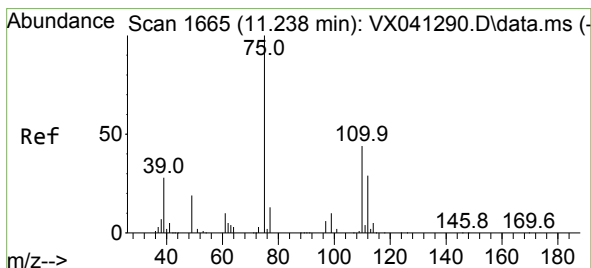
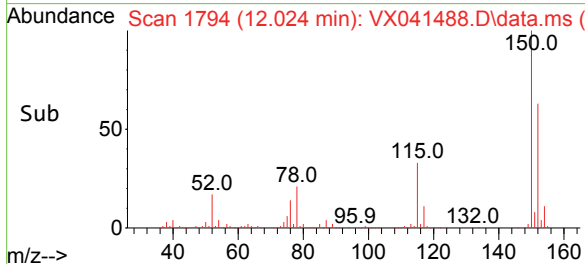
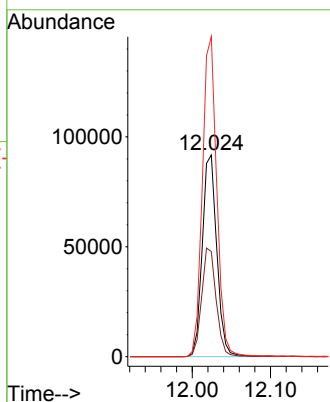
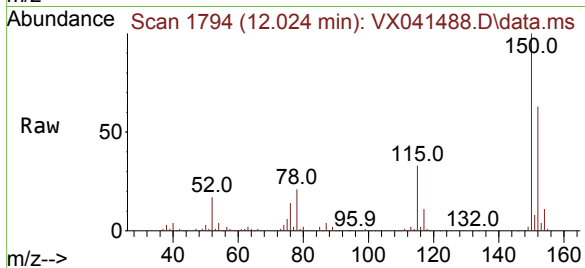




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041488.D
 Acq: 13 May 2024 13:55

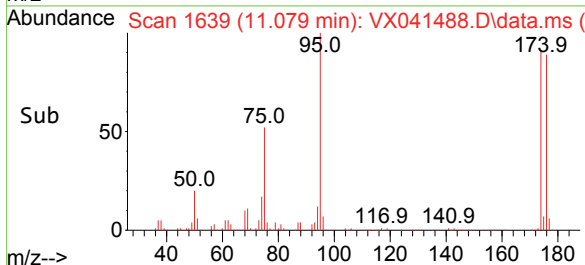
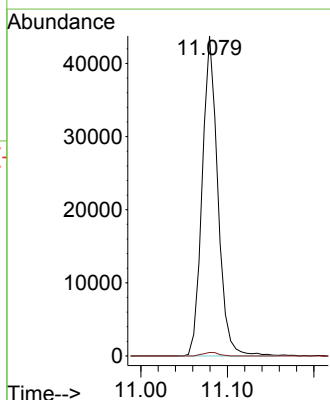
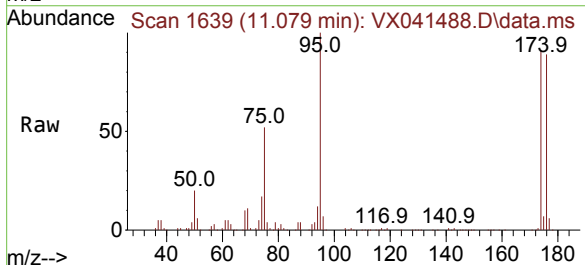
Instrument :
 MSVOA_X
 ClientSampleId :

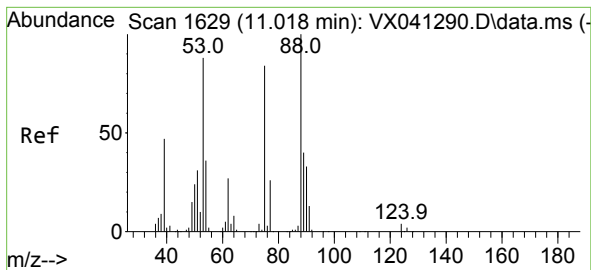
Tgt Ion:152 Resp: 118320
 Ion Ratio Lower Upper
 152 100
 115 54.1 43.3 129.9
 150 156.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 28.453 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX041488.D
 Acq: 13 May 2024 13:55

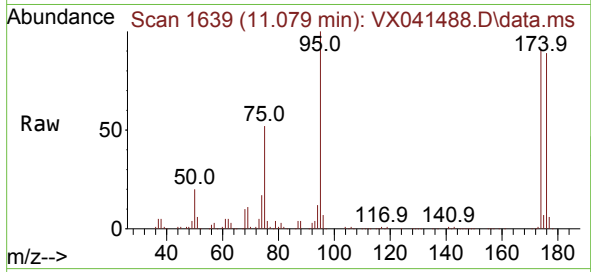
Tgt Ion: 75 Resp: 54864
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.502 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041488.D
Acq: 13 May 2024 13:55

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 54864
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

