

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041248.D
 Acq On : 26 Apr 2024 10:33
 Operator : JC/MD
 Sample : VX0426MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 27 02:13:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

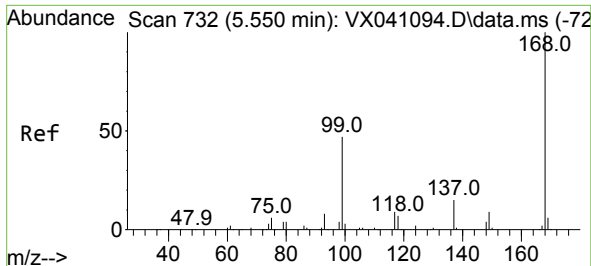
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	200654	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	269267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98893	51.775	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.540%	
35) Dibromofluoromethane	5.385	113	87709	53.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.100%	
50) Toluene-d8	8.647	98	311776	56.418	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.840%#	
62) 4-Bromofluorobenzene	11.079	95	144759	70.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 141.940%#	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	596	0.616	ug/l	81
6) Chloroethane	1.660	64	327	0.501	ug/l	96
10) Methyl Iodide	2.446	142	563	0.298	ug/l #	75
11) Tert butyl alcohol	2.940	59	2305	6.736	ug/l #	78
16) Acetone	2.392	43	19903	28.627	ug/l	95
17) Carbon Disulfide	2.501	76	798	0.261	ug/l #	76
20) Methylene Chloride	2.782	84	844	0.497	ug/l #	84
31) Cyclohexane	5.550	56	3476	1.352	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	12374	5.904	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17358	7.415	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1430	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71007	27.351	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71007	77.167	ug/l #	5

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

Quant Time: Apr 27 02:13:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

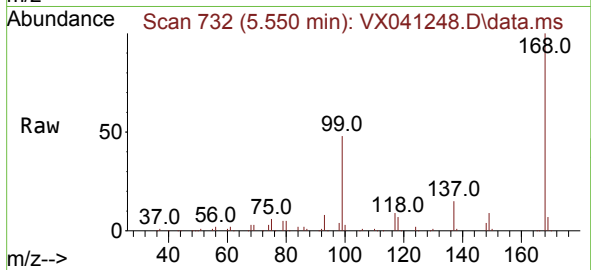
Lab File: VX041248.D

Acq: 26 Apr 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

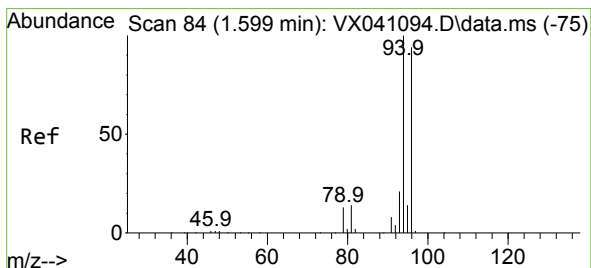
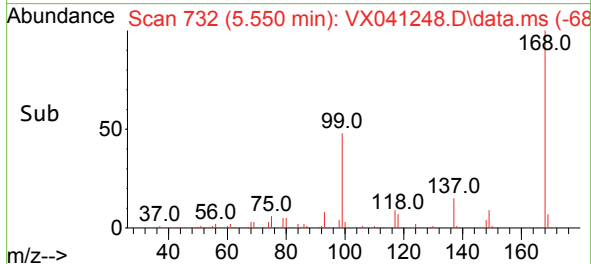
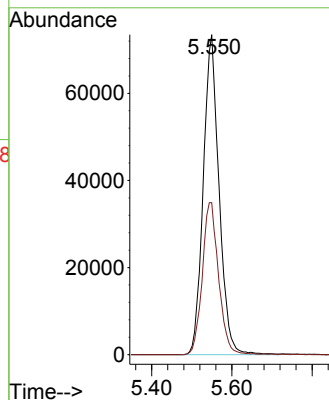


Tgt Ion:168 Resp: 200654

Ion Ratio Lower Upper

168 100

99 47.5 56.6 85.0#



#5

Bromomethane

Concen: 0.616 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.006 min

Lab File: VX041248.D

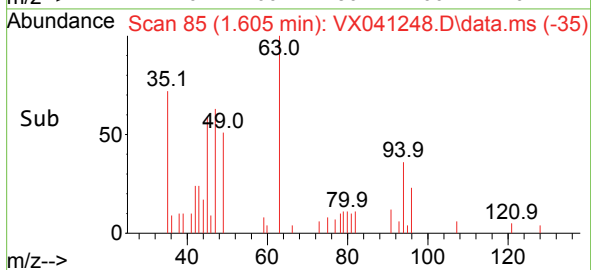
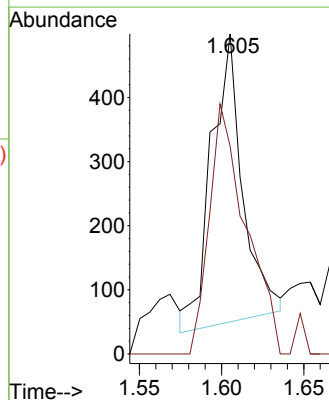
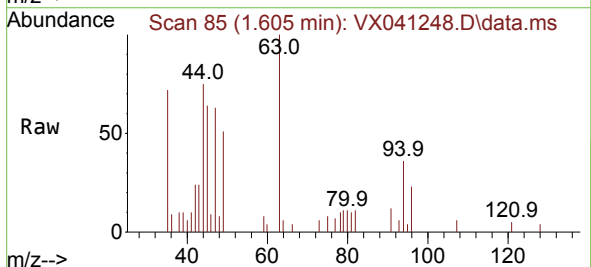
Acq: 26 Apr 2024 10:33

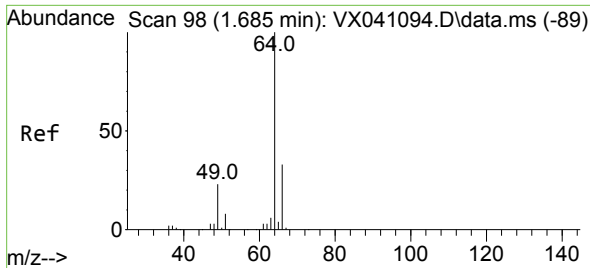
Tgt Ion: 94 Resp: 596

Ion Ratio Lower Upper

94 100

96 75.0 74.6 111.8

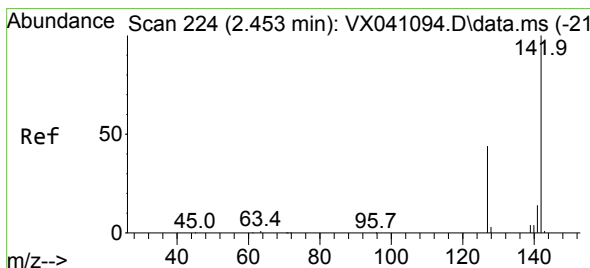
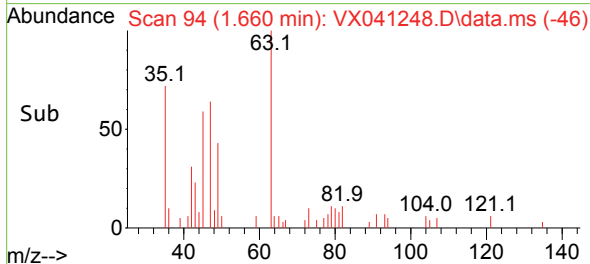
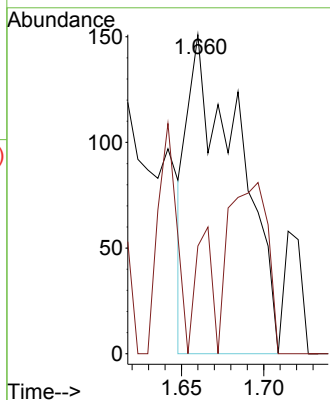
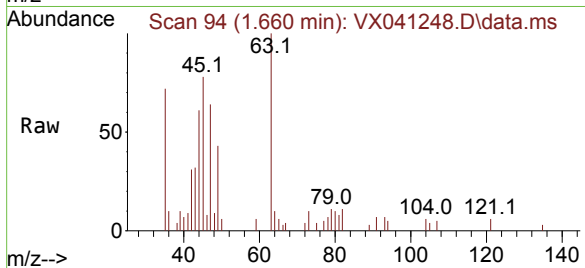




#6
Chloroethane
Concen: 0.501 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

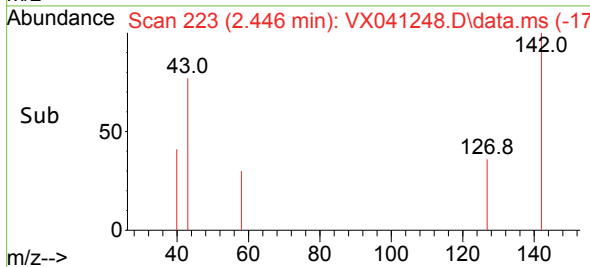
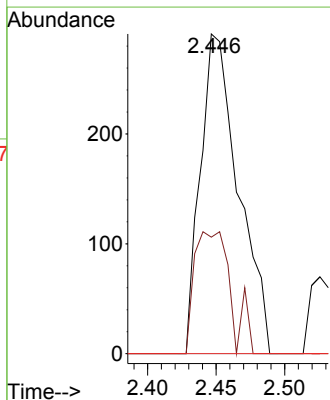
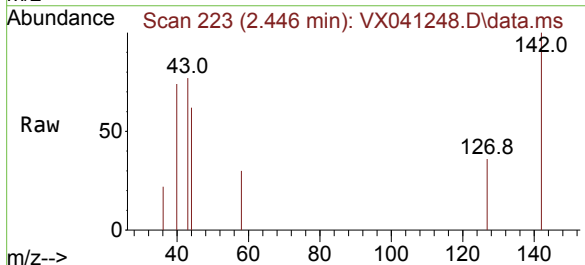
Instrument :
MSVOA_X
ClientSampleId :

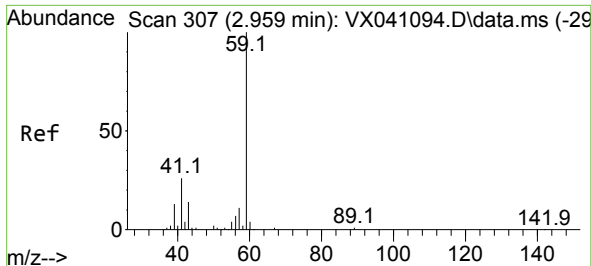
Tgt Ion: 64 Resp: 327
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7



#10
Methyl Iodide
Concen: 0.298 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

Tgt Ion: 142 Resp: 563
Ion Ratio Lower Upper
142 100
127 36.4 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 6.736 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.122 min

Lab File: VX041248.D

Acq: 26 Apr 2024 10:33

Instrument :

MSVOA_X

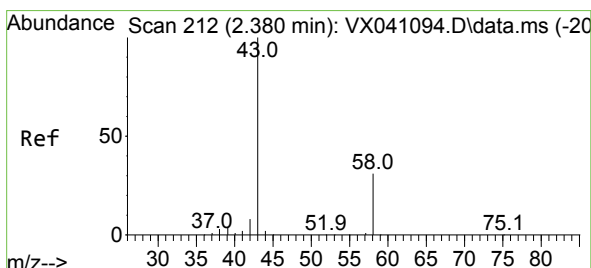
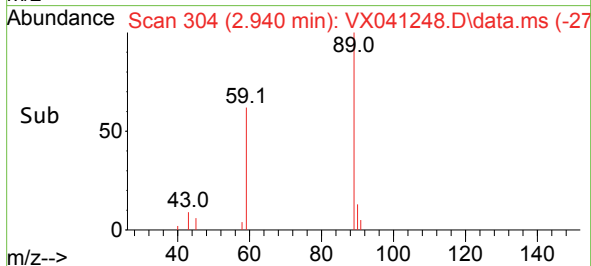
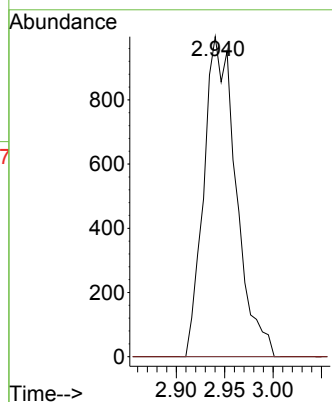
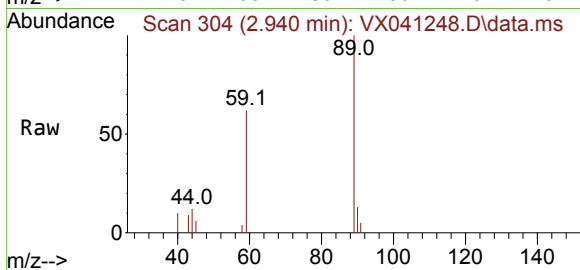
ClientSampleId :

Tgt Ion: 59 Resp: 2305

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 28.627 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041248.D

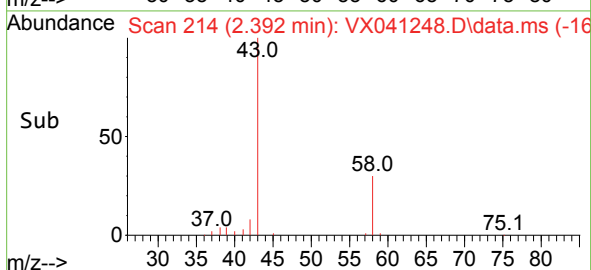
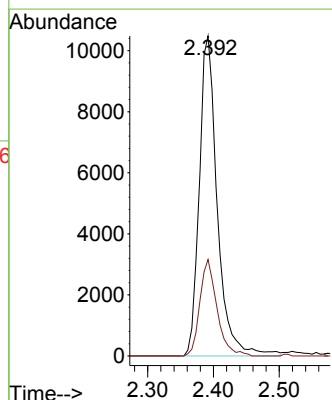
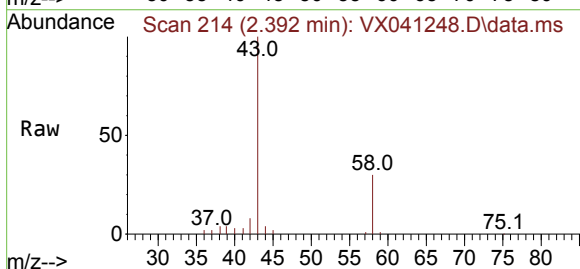
Acq: 26 Apr 2024 10:33

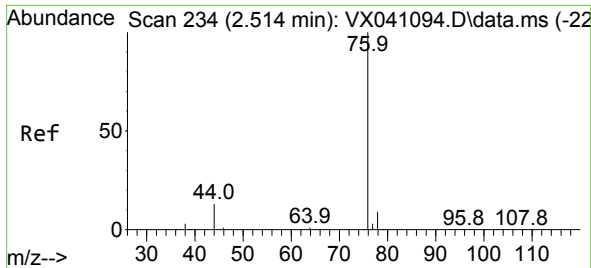
Tgt Ion: 43 Resp: 19903

Ion Ratio Lower Upper

43 100

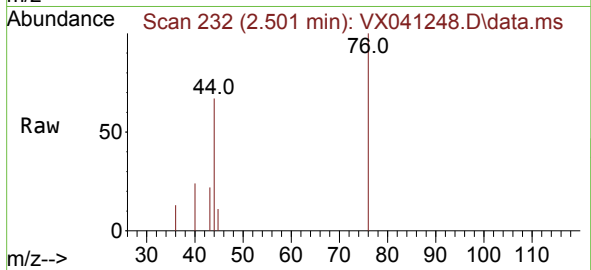
58 30.1 21.9 32.9



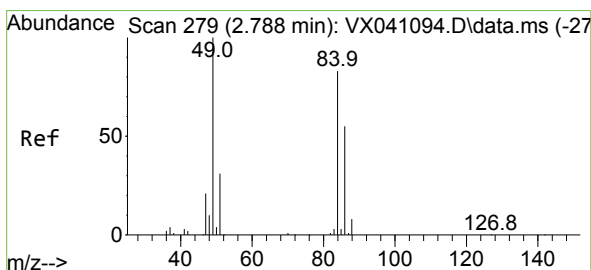
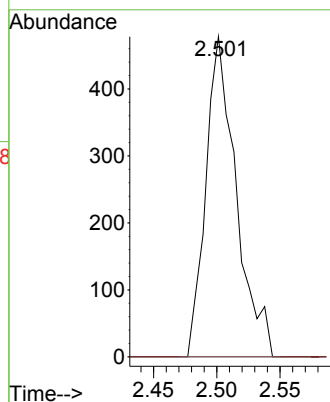
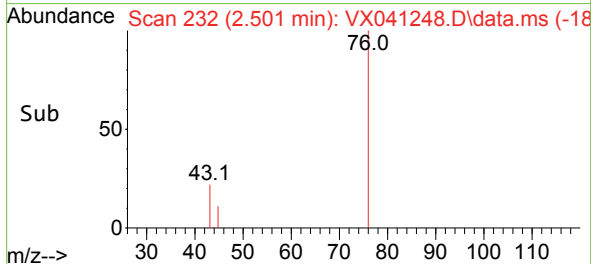


#17
Carbon Disulfide
Concen: 0.261 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :

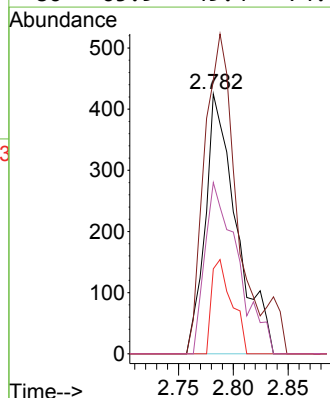
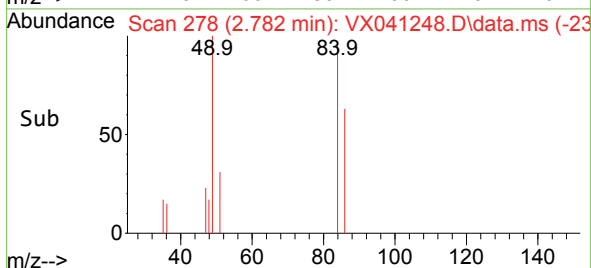
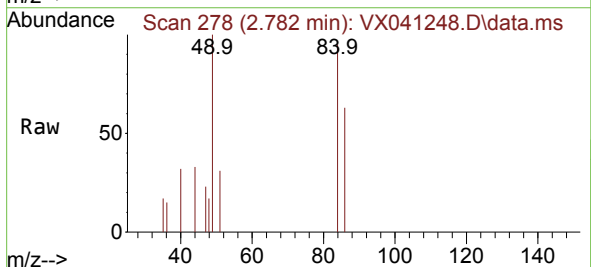


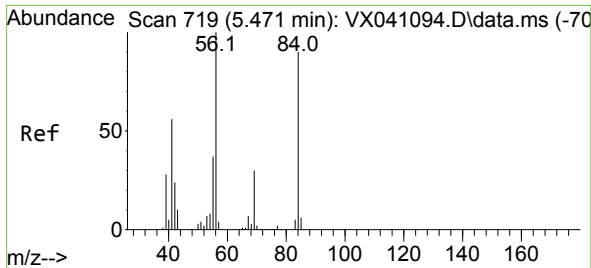
Tgt Ion: 76 Resp: 798
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 0.497 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

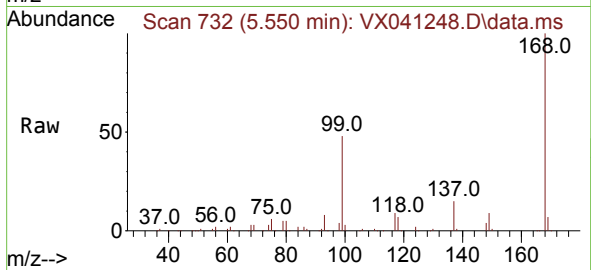
Tgt Ion: 84 Resp: 844
Ion Ratio Lower Upper
84 100
49 105.2 103.6 155.4
51 32.7 33.8 50.6#
86 65.9 49.4 74.0



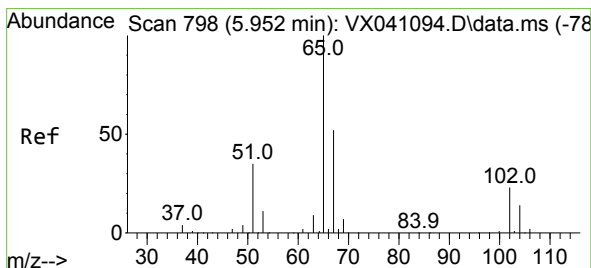
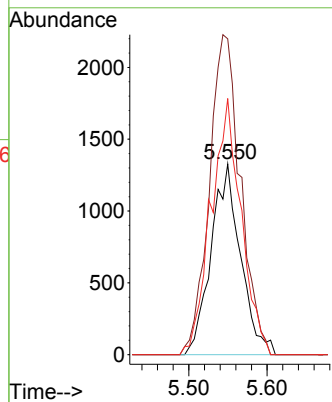
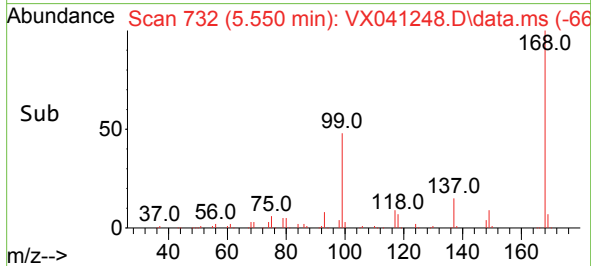


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :

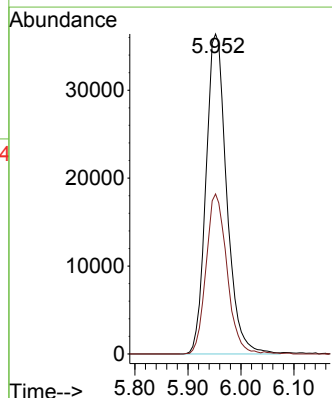
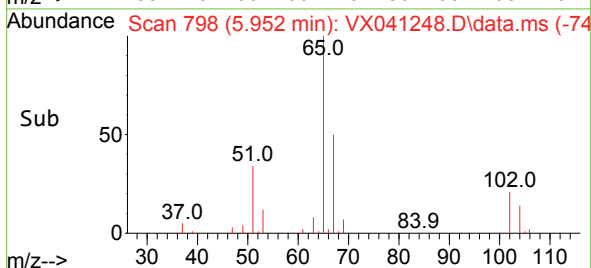
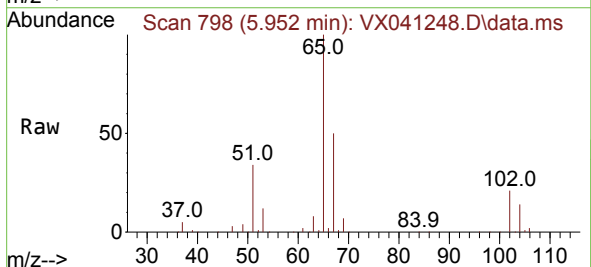


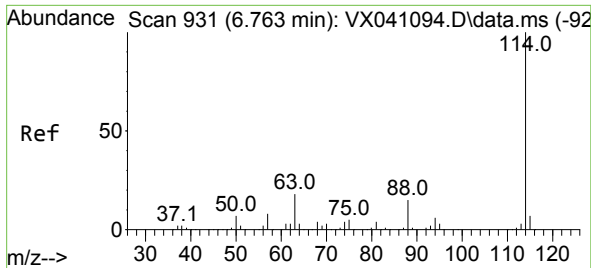
Tgt Ion: 56 Resp: 3476
Ion Ratio Lower Upper
56 100
69 165.6 23.4 35.2#
84 134.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.775 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

Tgt Ion: 65 Resp: 98893
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

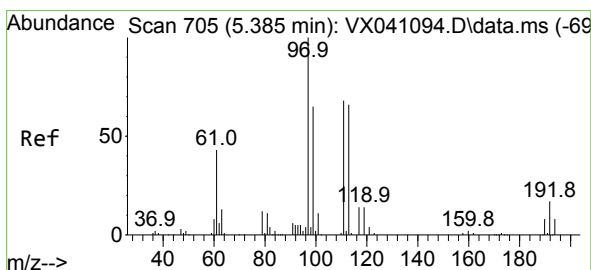
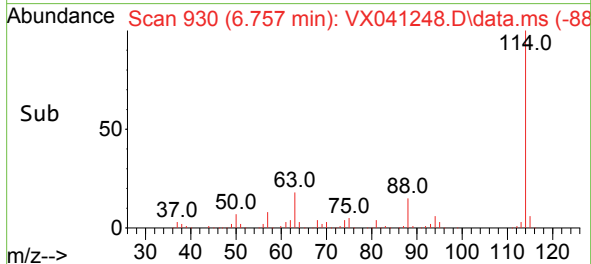
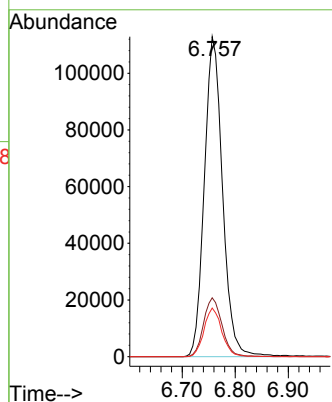
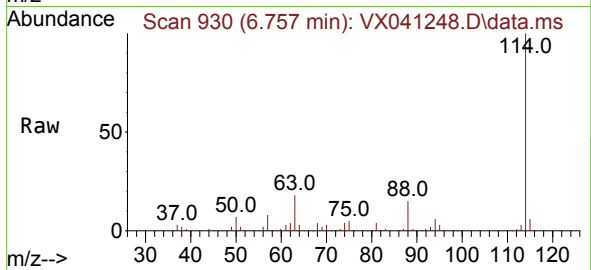




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

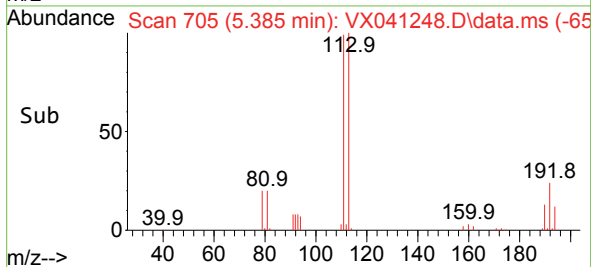
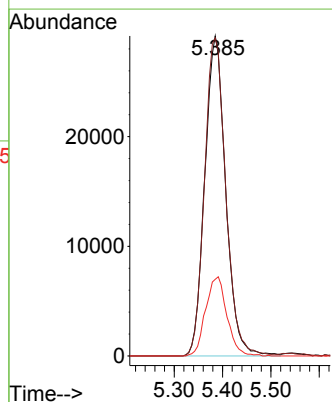
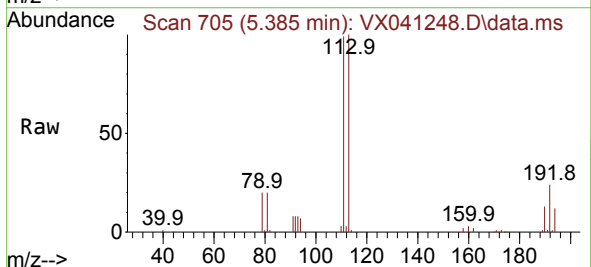
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ClientSampleId :

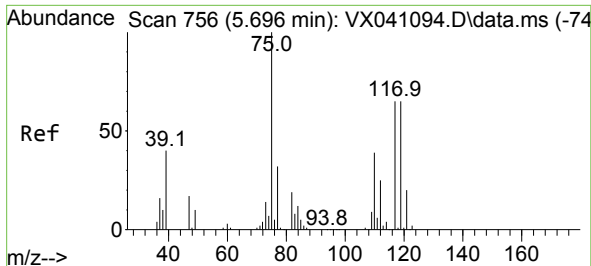
Tgt Ion:114 Resp: 269267
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.549 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

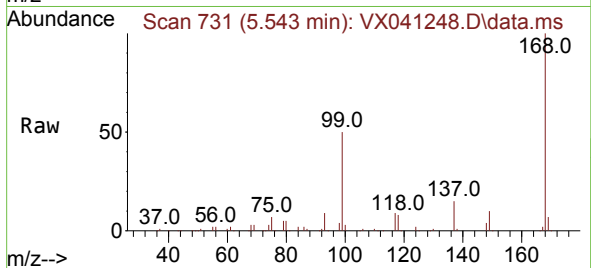
Tgt Ion:113 Resp: 87709
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 25.2 13.3 19.9#



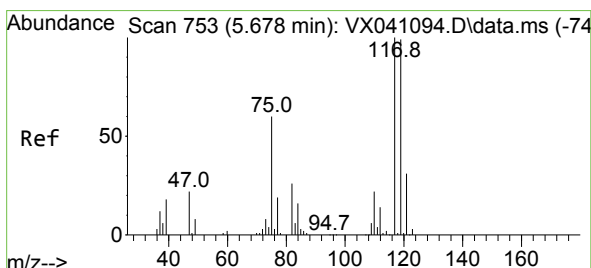
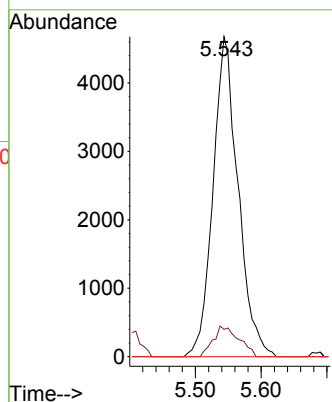
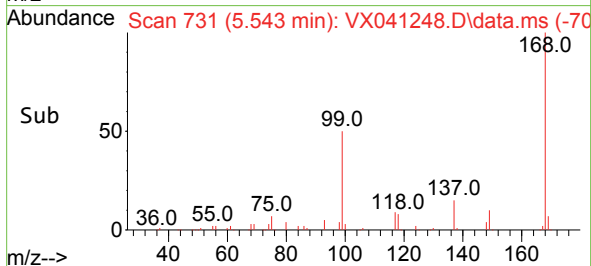


#36
1,1-Dichloropropene
Concen: 5.904 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

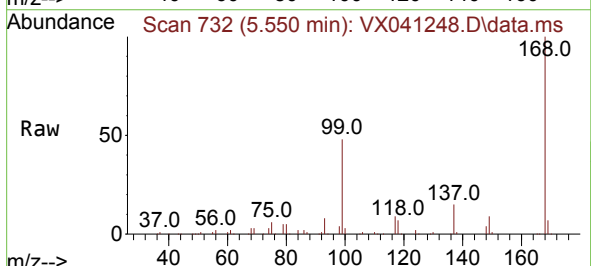
Instrument :
MSVOA_X
ClientSampleId :



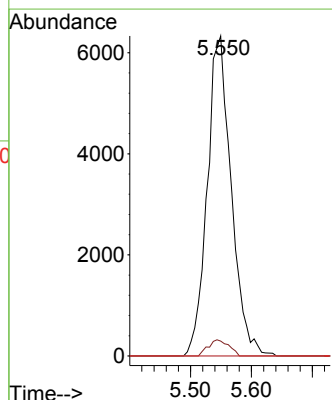
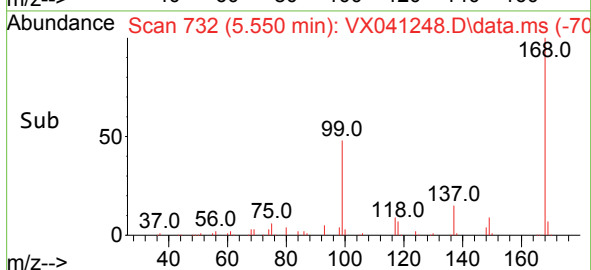
Tgt Ion: 75 Resp: 12374
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#

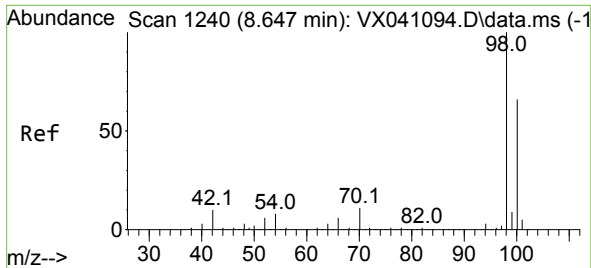


#38
Carbon Tetrachloride
Concen: 7.415 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33



Tgt Ion: 117 Resp: 17358
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

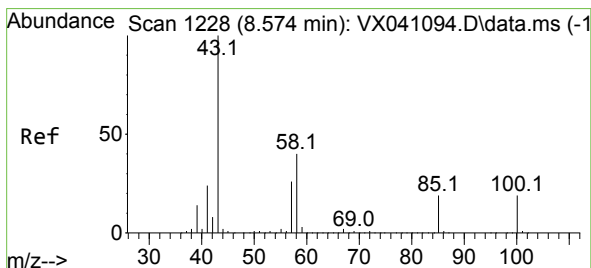
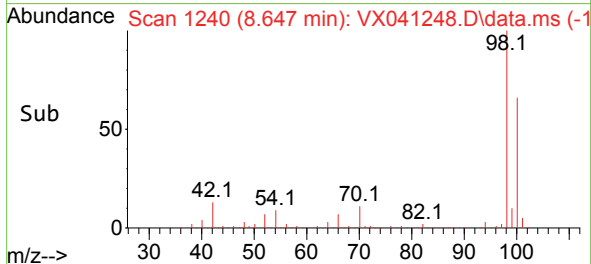
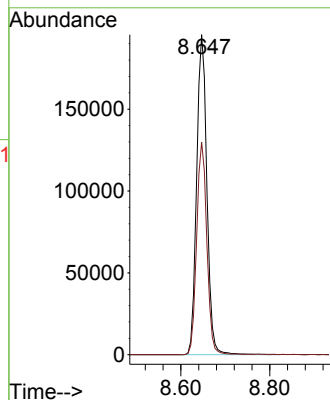
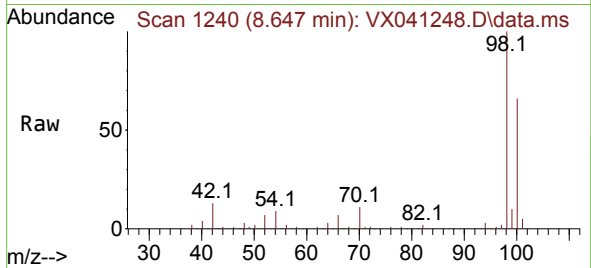




#50
Toluene-d8
Concen: 56.418 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

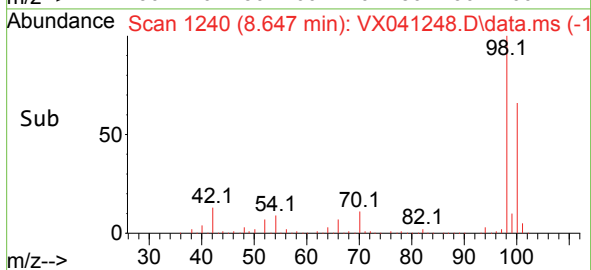
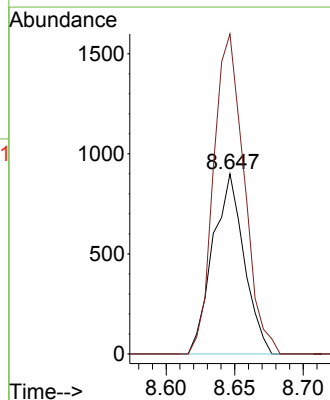
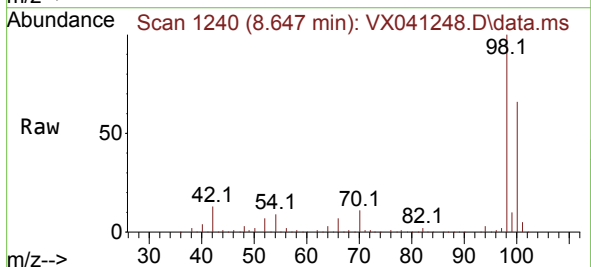
Instrument :
MSVOA_X
ClientSampleId :

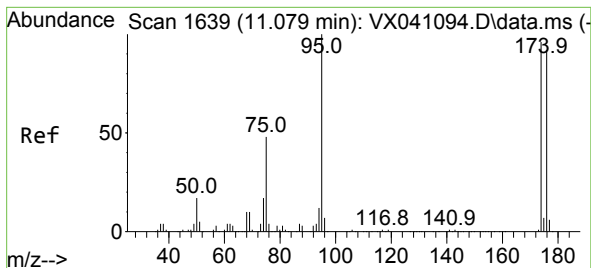
Tgt Ion: 98 Resp: 311776
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

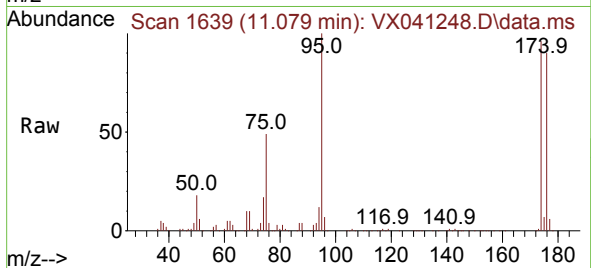
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
58 173.4 30.4 45.6#



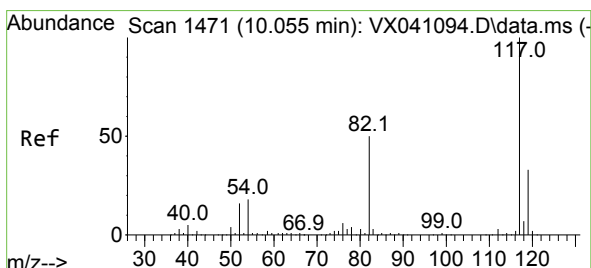
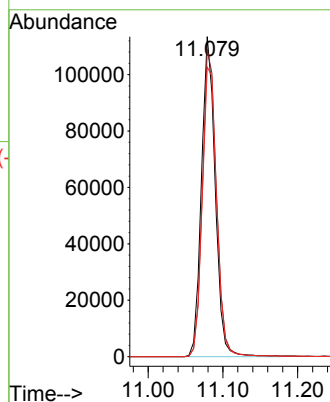
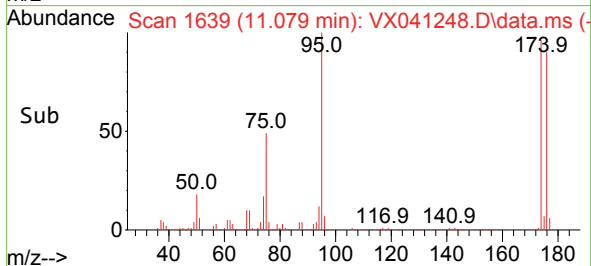


#62
4-Bromofluorobenzene
Concen: 70.971 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33

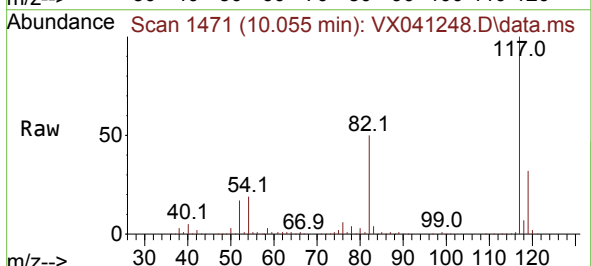
Instrument :
MSVOA_X
ClientSampleId :



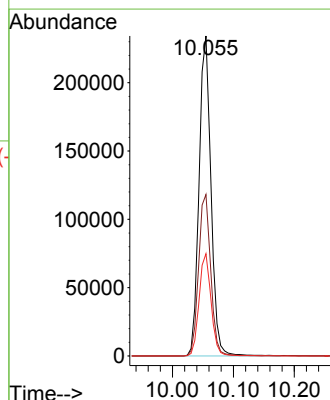
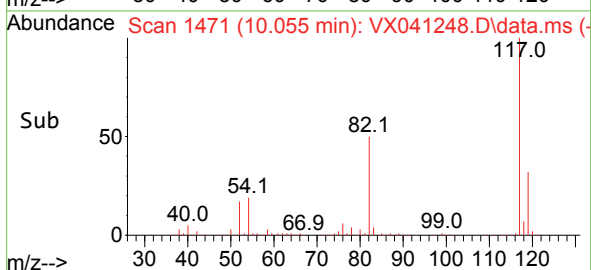
Tgt Ion: 95 Resp: 144759
Ion Ratio Lower Upper
95 100
174 98.7 0.0 135.6
176 95.3 0.0 131.0

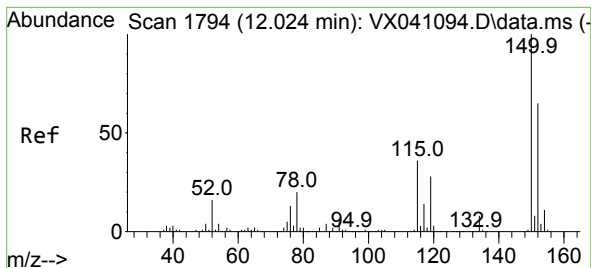


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041248.D
Acq: 26 Apr 2024 10:33



Tgt Ion: 117 Resp: 317541
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041248.D

Acq: 26 Apr 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

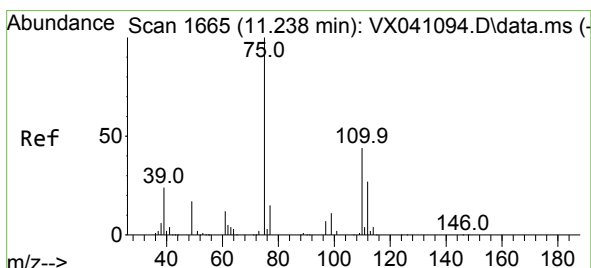
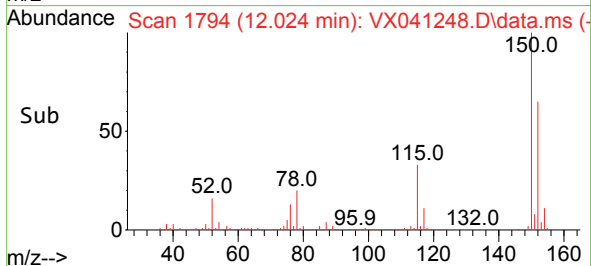
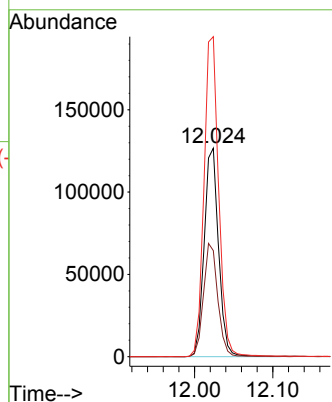
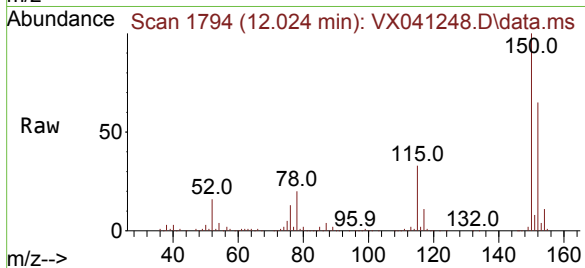
Tgt Ion:152 Resp: 161131

Ion Ratio Lower Upper

152 100

115 54.2 43.3 129.9

150 157.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.351 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041248.D

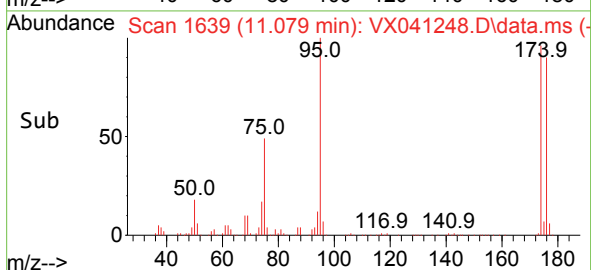
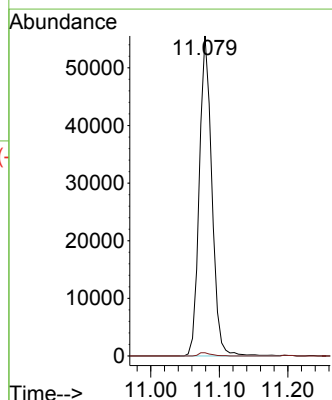
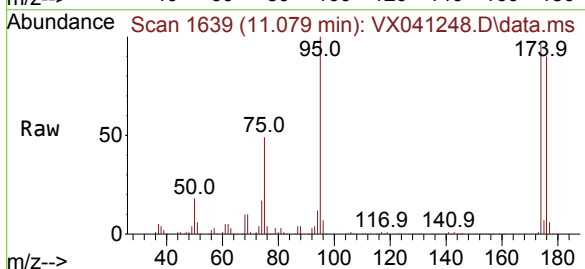
Acq: 26 Apr 2024 10:33

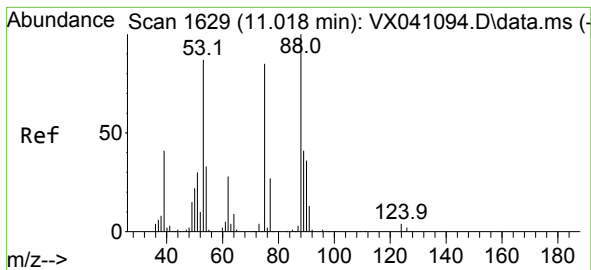
Tgt Ion: 75 Resp: 71007

Ion Ratio Lower Upper

75 100

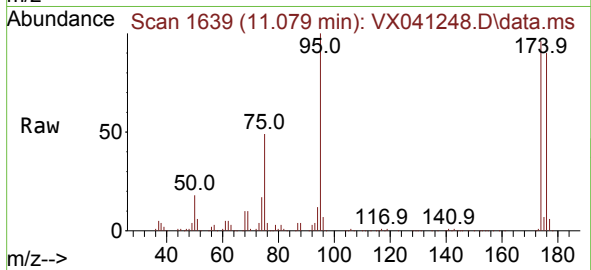
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.167 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041248.D
 Acq: 26 Apr 2024 10:33

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 71007
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

