

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037676.D
 Acq On : 12 Sep 2023 18:15
 Operator : JC/MD
 Sample : 04397-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 13 01:48:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

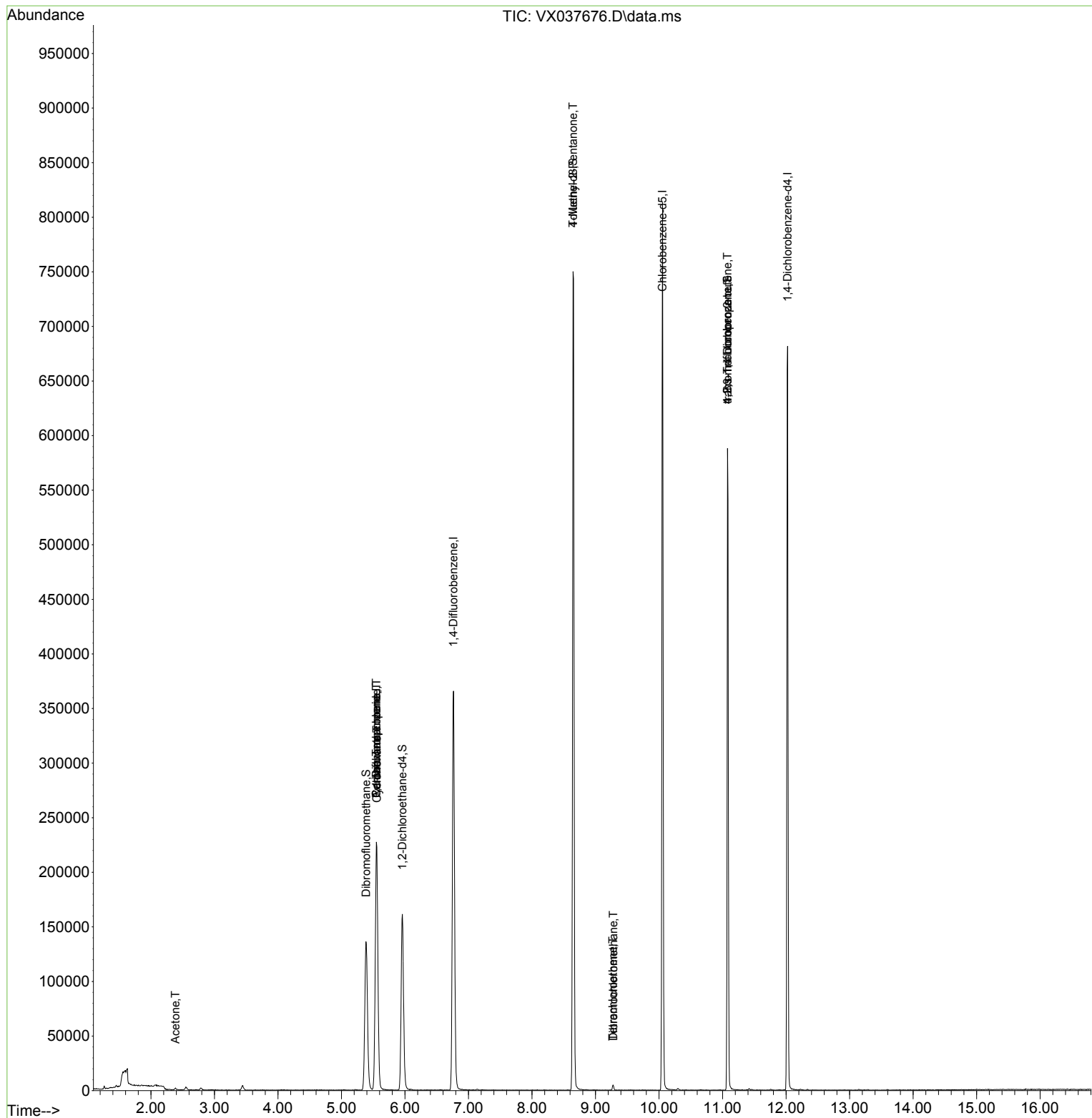
Internal Standards						
1) Pentafluorobenzene	5.549	168	208905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	373719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156310	46.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.500%
35) Dibromofluoromethane	5.385	113	121119	45.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.646	98	460953	46.140	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.280%
62) 4-Bromofluorobenzene	11.079	95	151084	41.918	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	98	Below Cal	#	78
16) Acetone	2.385	43	1710	1.251	ug/l #	77
20) Methylene Chloride	2.788	84	1059	Below Cal	#	82
31) Cyclohexane	5.556	56	5007	1.286	ug/l #	5
36) 1,1-Dichloropropene	5.549	75	17917	4.972	ug/l #	51
38) Carbon Tetrachloride	5.549	117	22571	6.131	ug/l #	15
51) 4-Methyl-2-Pentanone	8.646	43	2096	0.485	ug/l #	1
60) Dibromochloromethane	9.281	129	890	0.306	ug/l #	11
64) Tetrachloroethene	9.274	164	800	0.358	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	82624	26.885	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82624	81.722	ug/l #	5

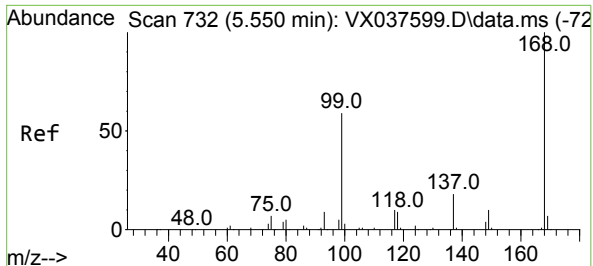
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
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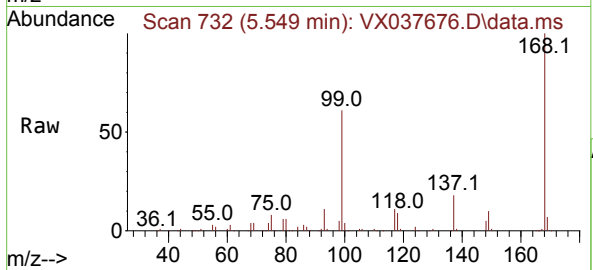
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



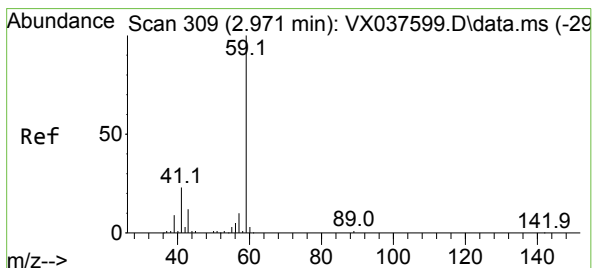
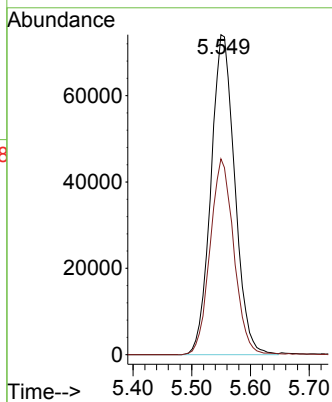
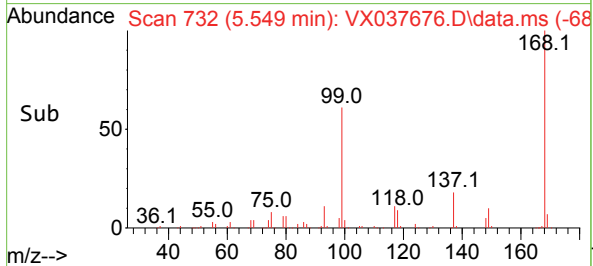


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

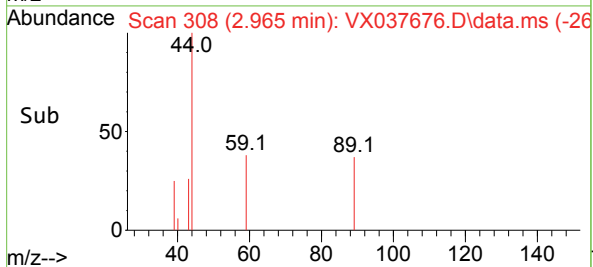
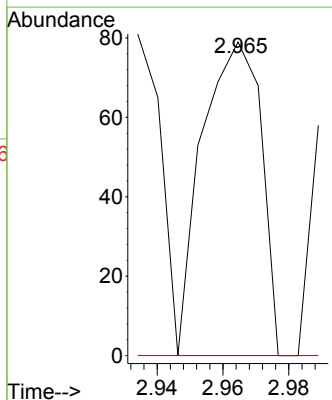
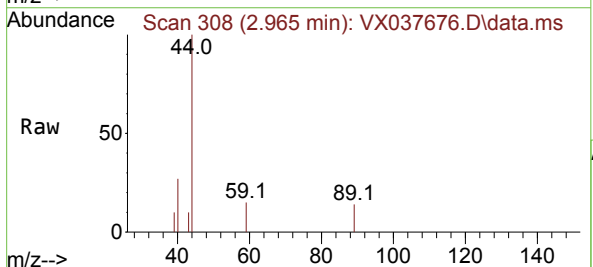


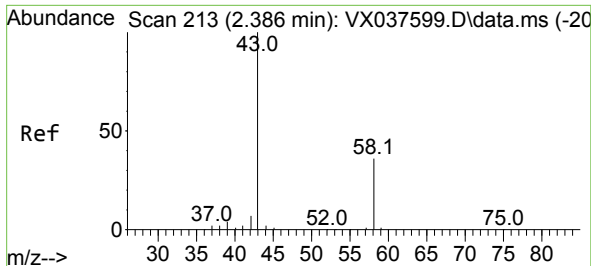
Tgt Ion:168 Resp: 208905
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.251 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037676.D

Acq: 12 Sep 2023 18:15

Instrument :

MSVOA_X

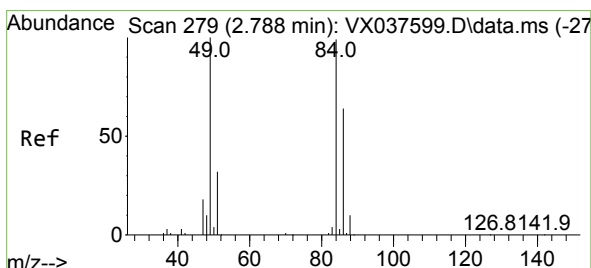
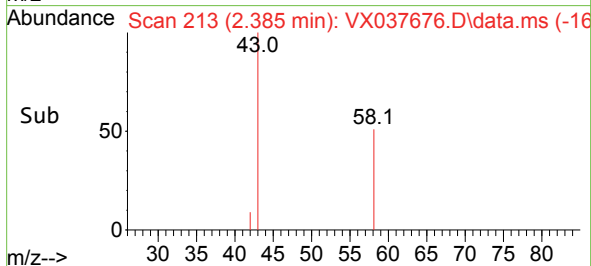
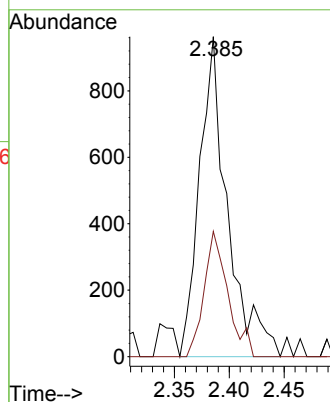
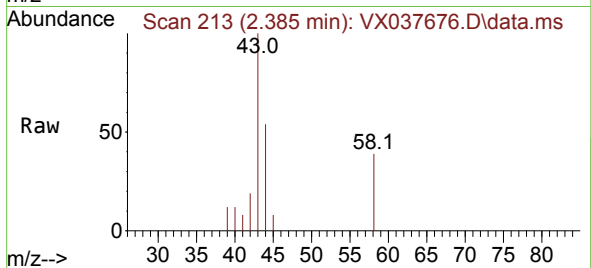
ClientSampleId :

Tgt Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

58 39.1 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037676.D

Acq: 12 Sep 2023 18:15

Tgt Ion: 84 Resp: 1059

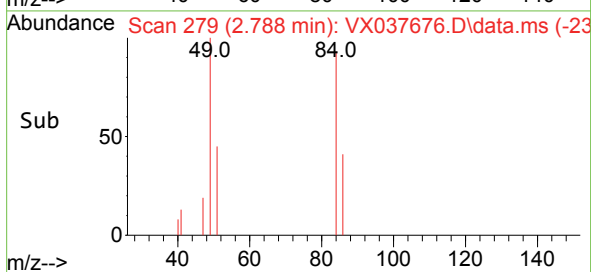
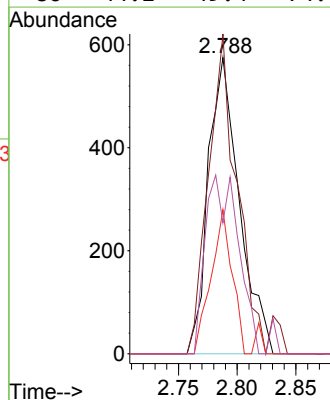
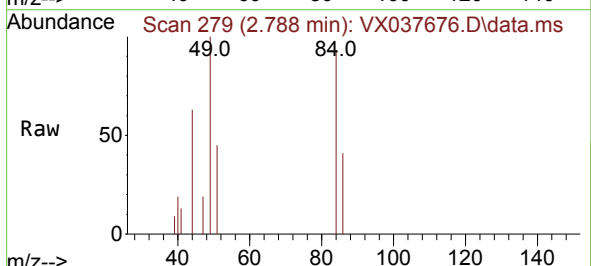
Ion Ratio Lower Upper

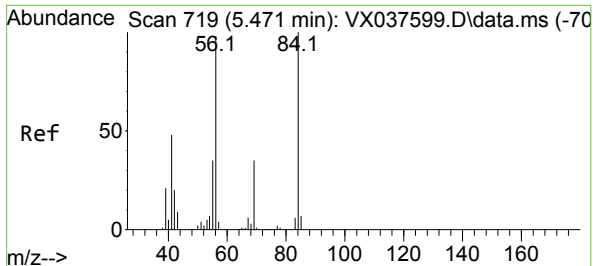
84 100

49 108.0 103.6 155.4

51 48.7 33.8 50.6

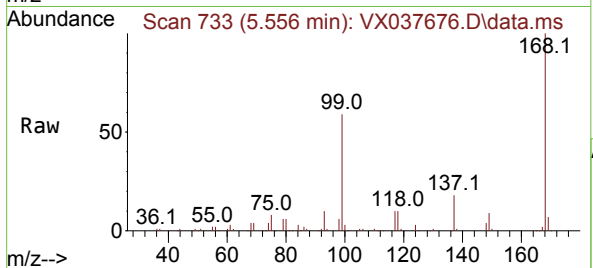
86 44.2 49.4 74.0#



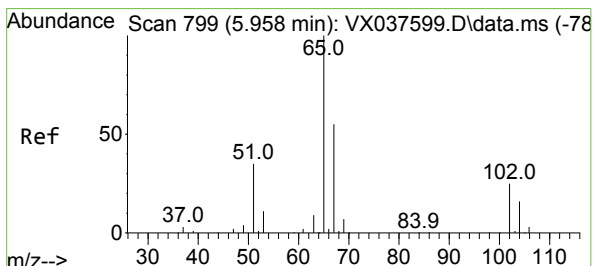
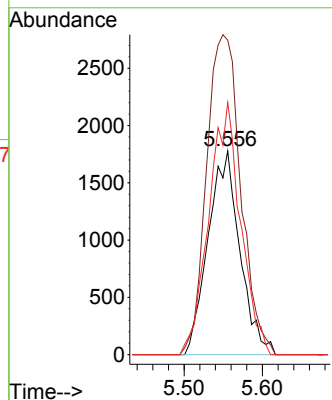
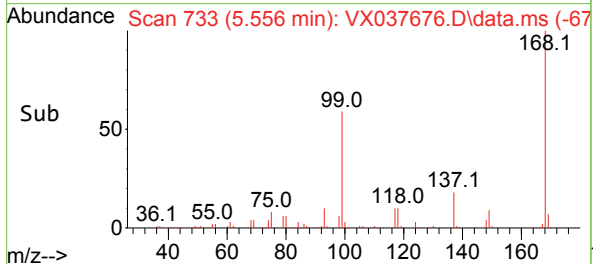


#31
Cyclohexane
Concen: 1.286 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

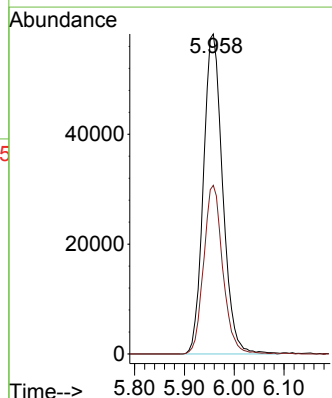
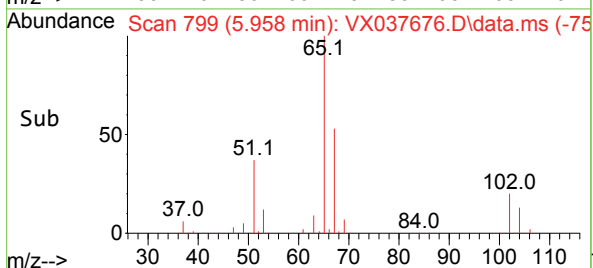
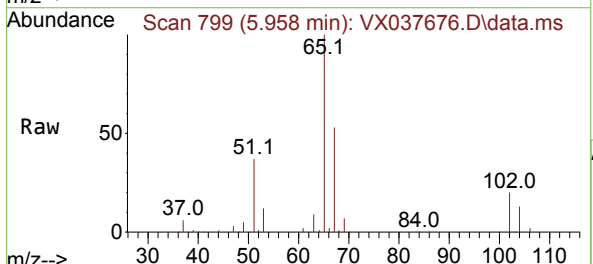


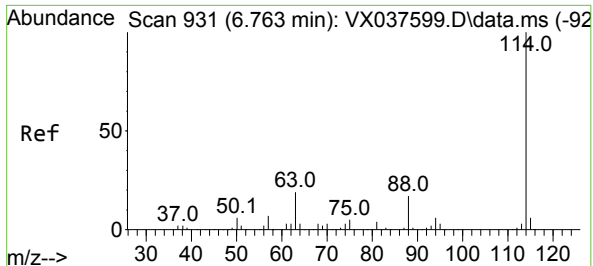
Tgt Ion: 56 Resp: 5007
Ion Ratio Lower Upper
56 100
69 154.4 23.4 35.2#
84 123.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.246 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

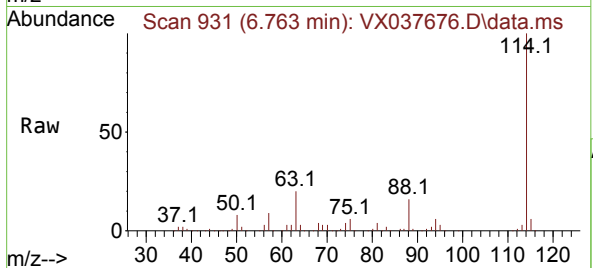
Tgt Ion: 65 Resp: 156310
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



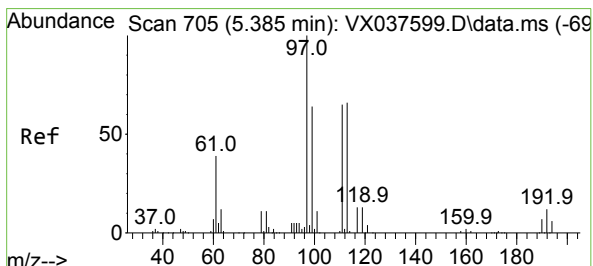
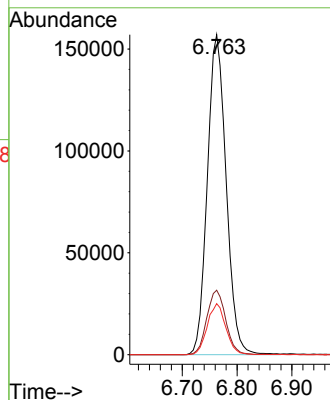
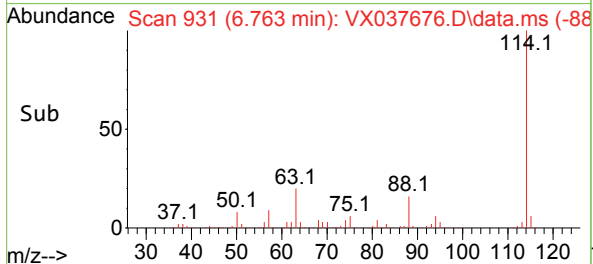


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

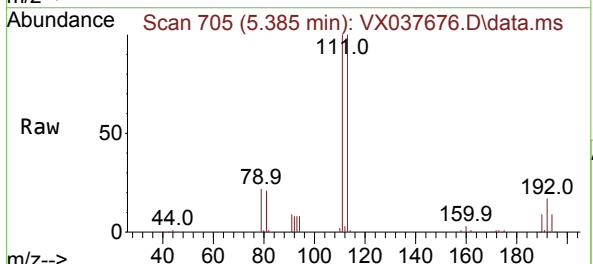
Instrument :
MSVOA_X
ClientSampleId :



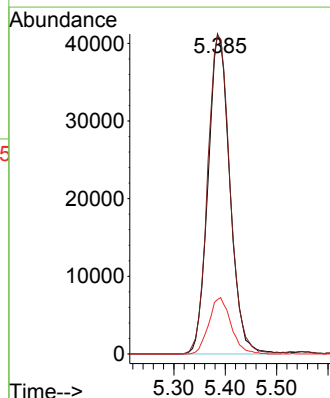
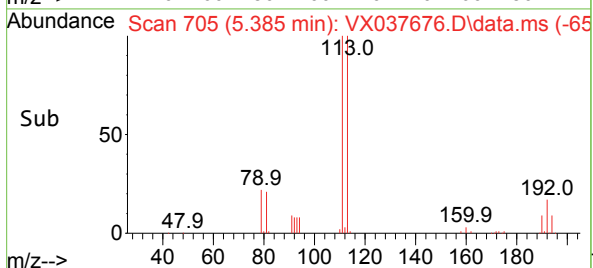
Tgt Ion:114 Resp: 373719
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.0 0.0 36.6

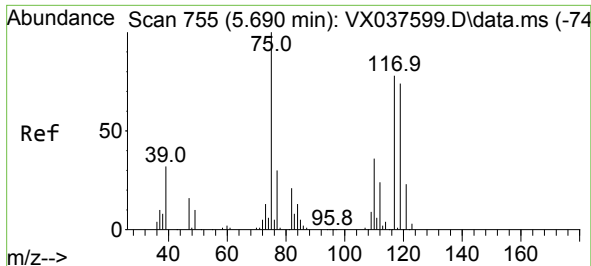


#35
Dibromofluoromethane
Concen: 45.723 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15



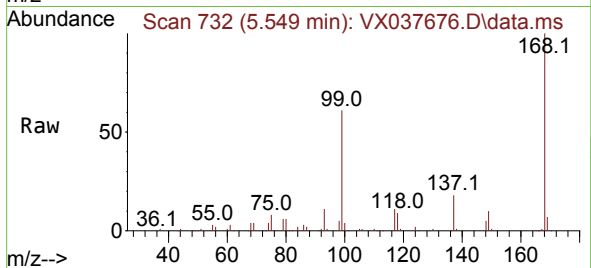
Tgt Ion:113 Resp: 121119
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.9 13.3 19.9



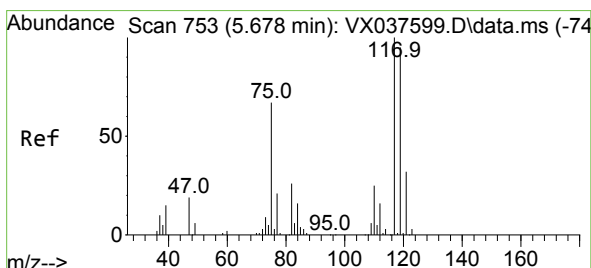
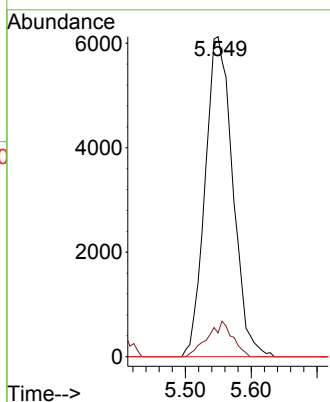
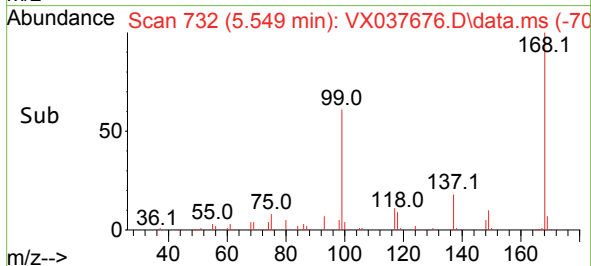


#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.141 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

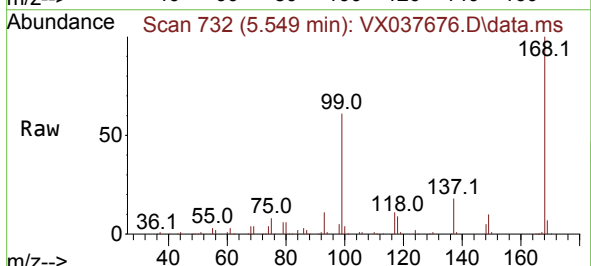
Instrument :
MSVOA_X
ClientSampleId :



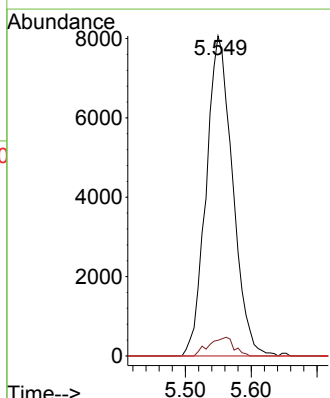
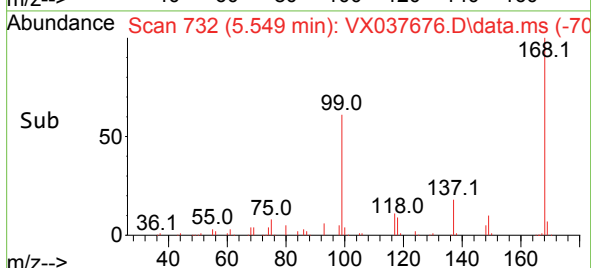
Tgt Ion: 75 Resp: 17917
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

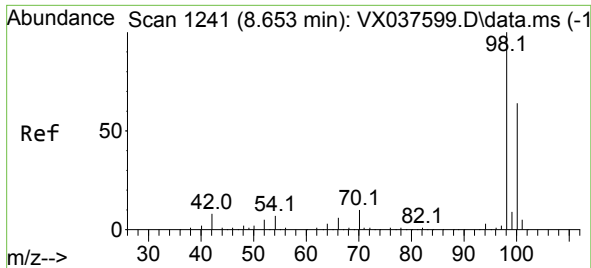


#38
Carbon Tetrachloride
Concen: 6.131 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15



Tgt Ion: 117 Resp: 22571
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

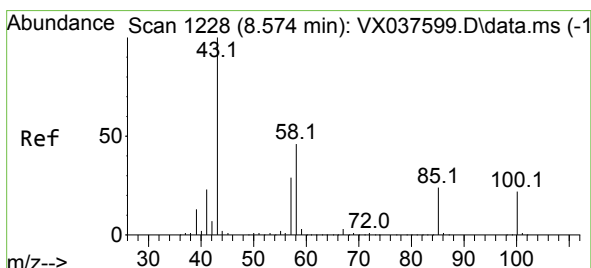
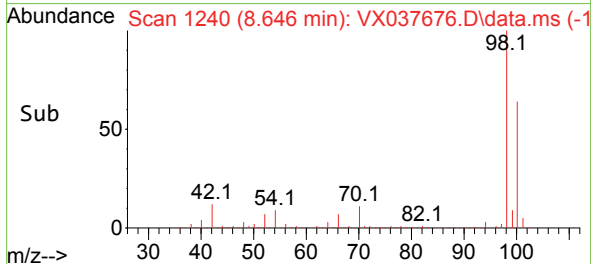
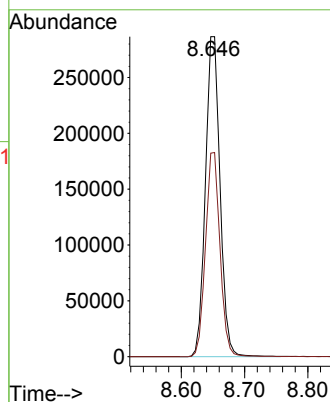
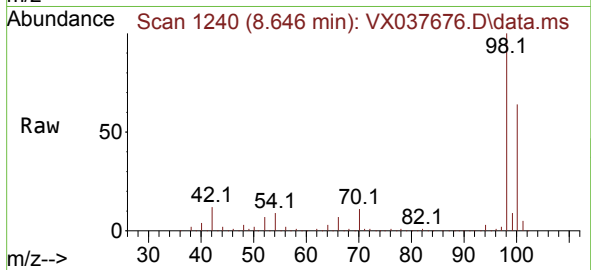




#50
Toluene-d8
Concen: 46.140 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

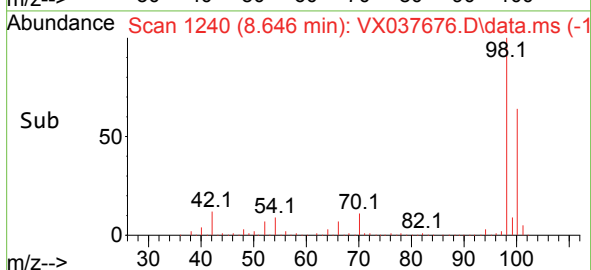
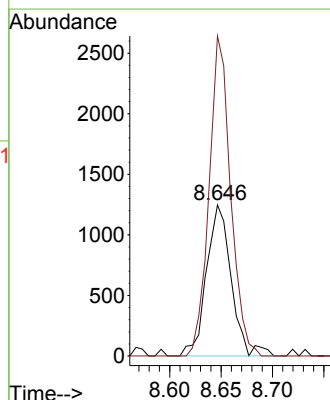
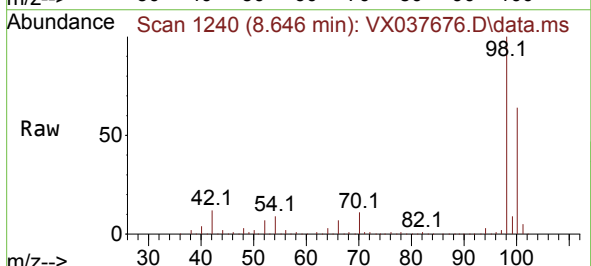
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MSVOA_X
ClientSampleId :

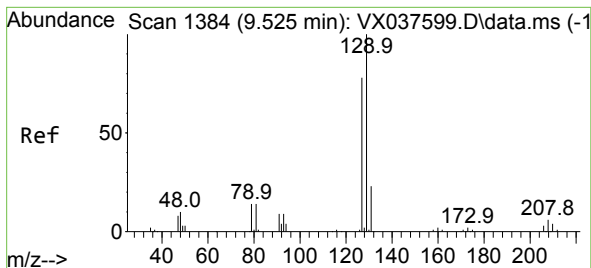
Tgt Ion: 98 Resp: 460953
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

Tgt Ion: 43 Resp: 2096
Ion Ratio Lower Upper
43 100
58 183.9 30.4 45.6#





#60

Dibromochloromethane

Concen: 0.306 ug/l

RT: 9.281 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX037676.D

Acq: 12 Sep 2023 18:15

Instrument :

MSVOA_X

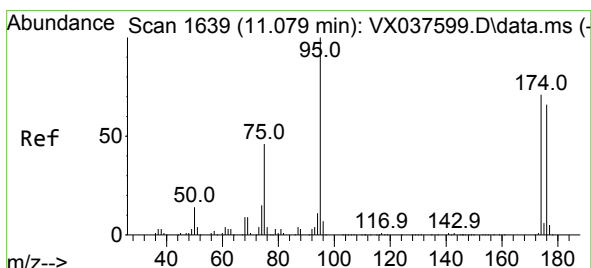
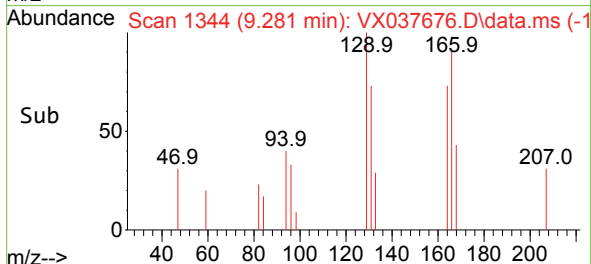
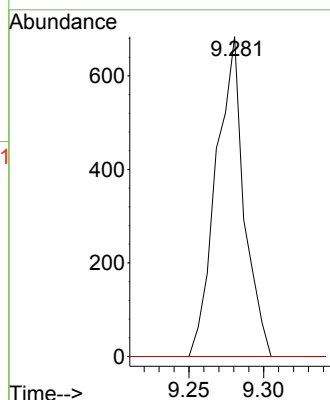
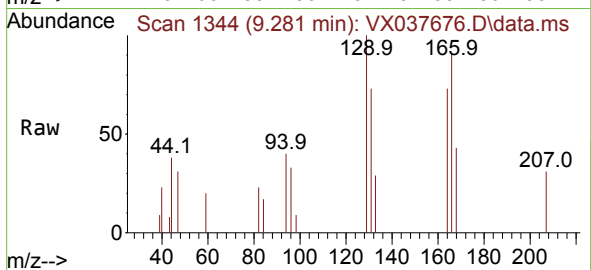
ClientSampleId :

Tgt Ion:129 Resp: 890

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#



#62

4-Bromofluorobenzene

Concen: 41.918 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037676.D

Acq: 12 Sep 2023 18:15

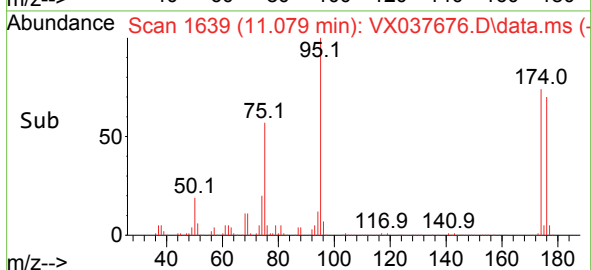
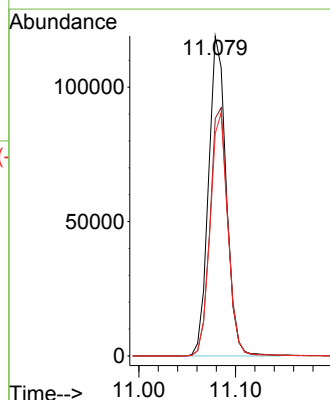
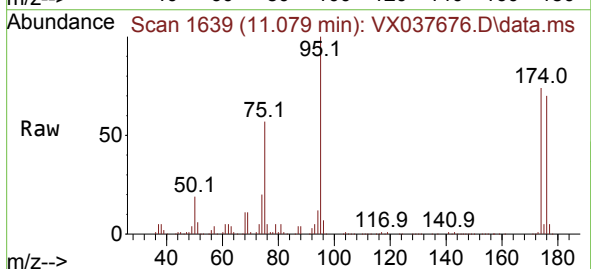
Tgt Ion: 95 Resp: 151084

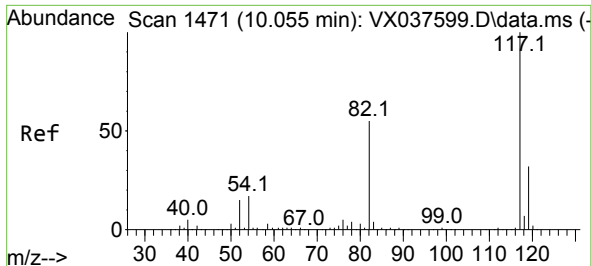
Ion Ratio Lower Upper

95 100

174 78.7 0.0 135.6

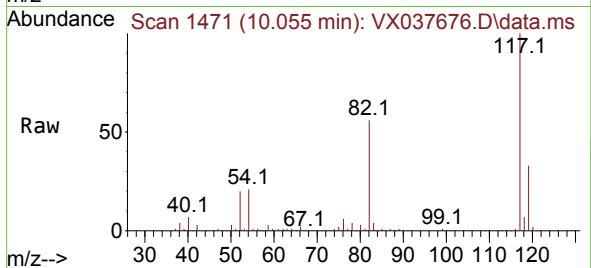
176 76.2 0.0 131.0



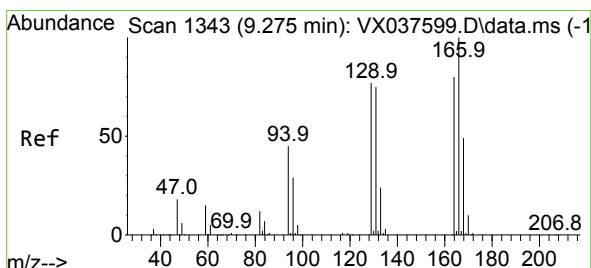
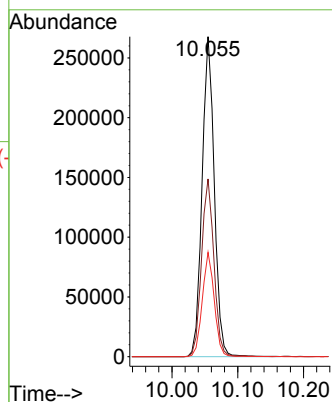
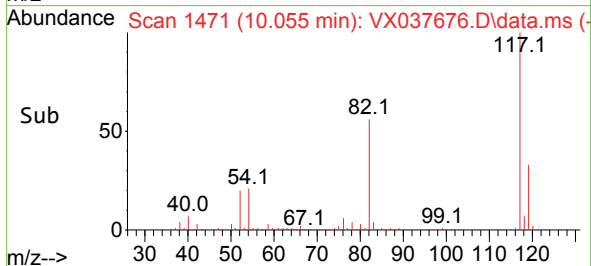


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

Instrument :
MSVOA_X
ClientSampleId :

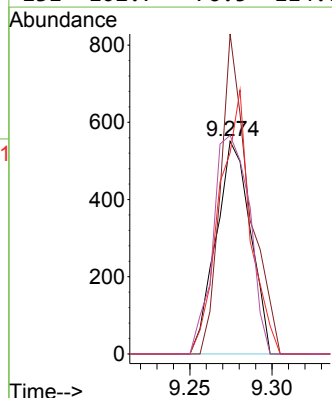
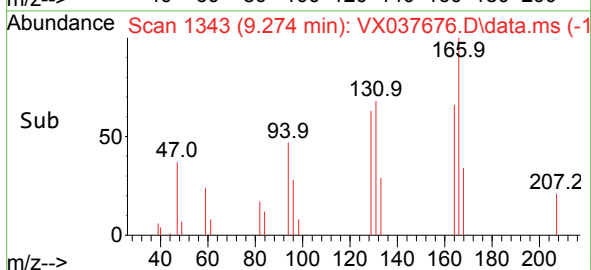
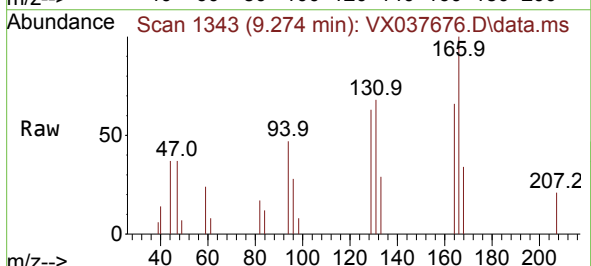


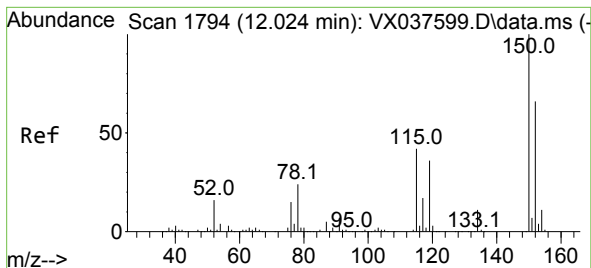
Tgt Ion:117 Resp: 345212
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.358 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037676.D
Acq: 12 Sep 2023 18:15

Tgt Ion:164 Resp: 800
Ion Ratio Lower Upper
164 100
166 150.5 102.7 154.1
129 94.6 80.4 120.6
131 102.7 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037676.D

Acq: 12 Sep 2023 18:15

Instrument :

MSVOA_X

ClientSampleId :

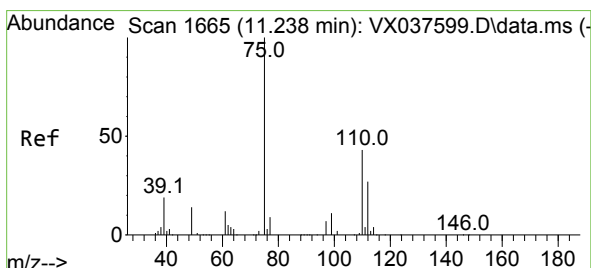
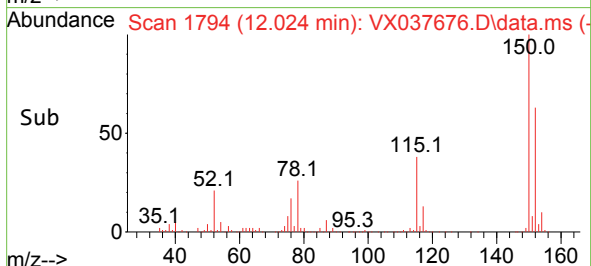
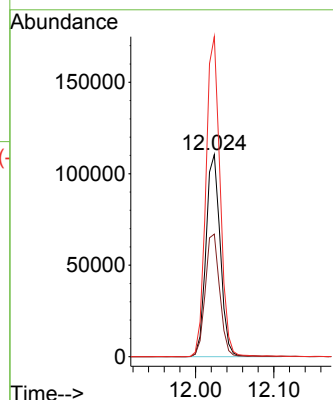
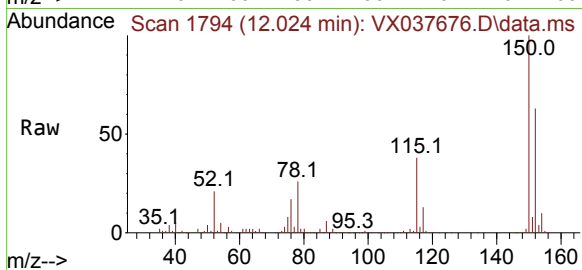
Tgt Ion:152 Resp: 139792

Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.885 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037676.D

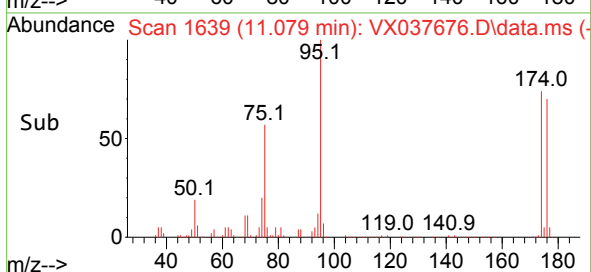
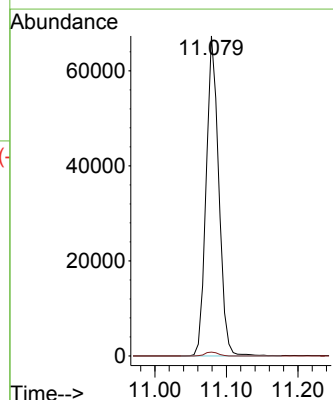
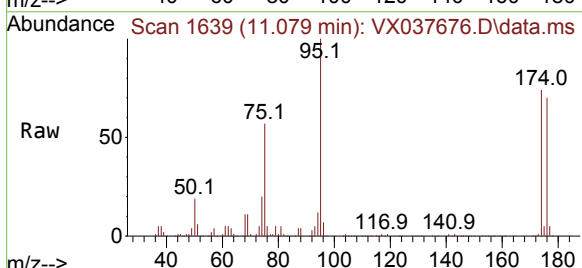
Acq: 12 Sep 2023 18:15

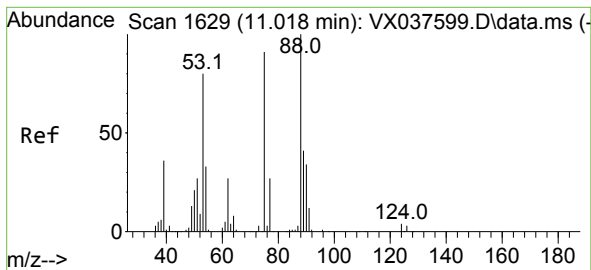
Tgt Ion: 75 Resp: 82624

Ion Ratio Lower Upper

75 100

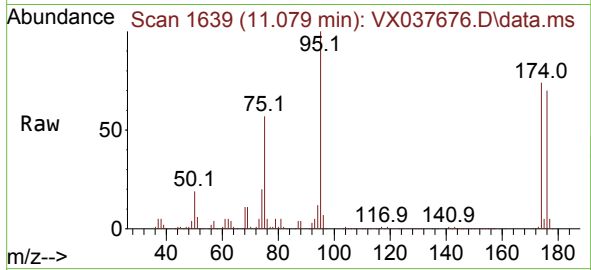
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.722 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037676.D
 Acq: 12 Sep 2023 18:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 82624
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#

