

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038167.D
 Acq On : 09 Oct 2023 13:27
 Operator : JC/MD
 Sample : 04713-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 00:55:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

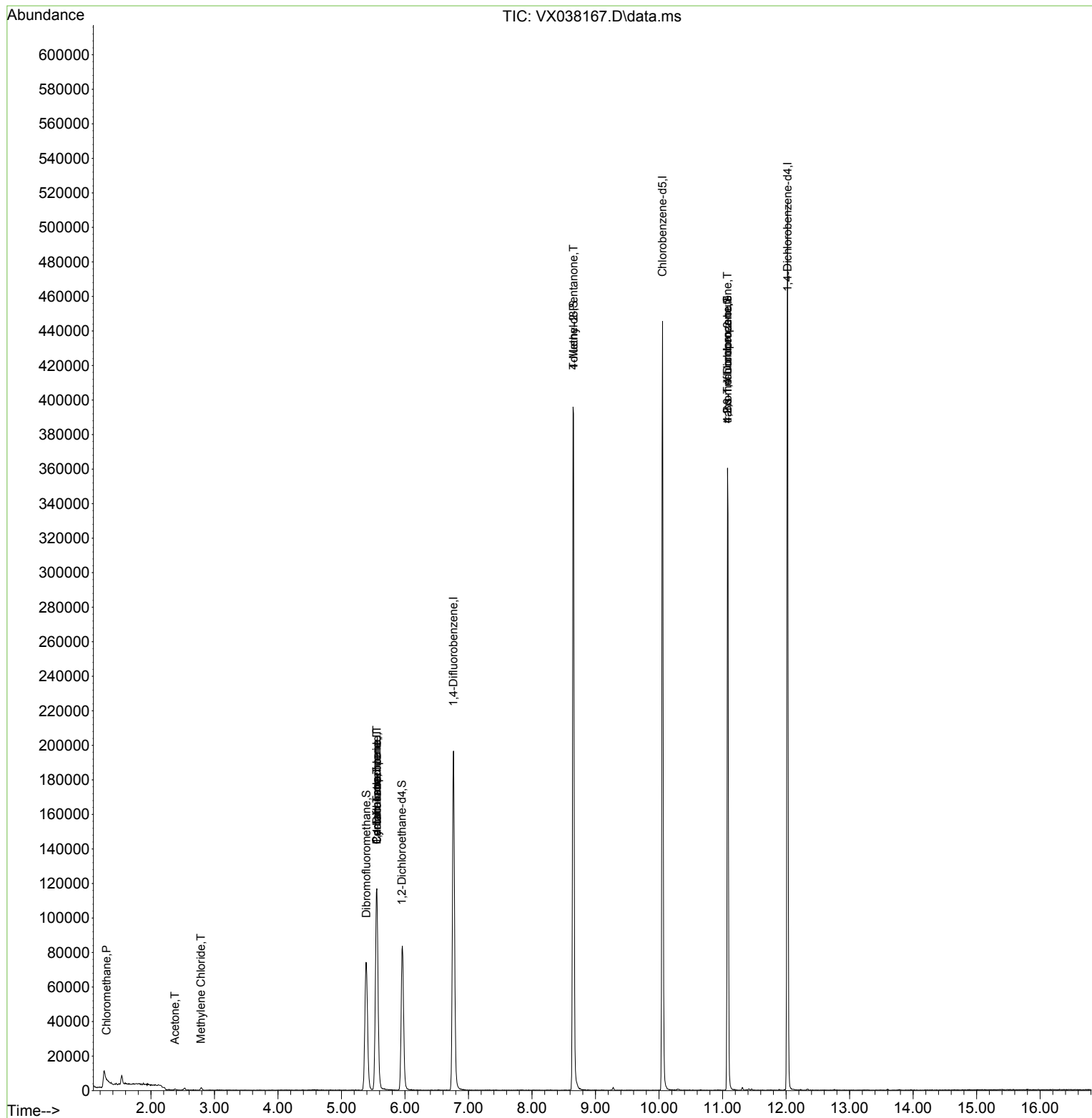
Internal Standards						
1) Pentafluorobenzene	5.555	168	111067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83191	46.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.140%
35) Dibromofluoromethane	5.391	113	64927	45.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.652	98	244924	45.345	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.700%#
62) 4-Bromofluorobenzene	11.079	95	93054	45.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	654	0.599	ug/l #	43
5) Bromomethane	1.648	94	22	Below Cal	#	3
6) Chloroethane	1.666	64	772	Below Cal	#	43
16) Acetone	2.379	43	768	1.030	ug/l	98
20) Methylene Chloride	2.788	84	713	0.508	ug/l #	79
31) Cyclohexane	5.555	56	2758	1.425	ug/l #	18
36) 1,1-Dichloropropene	5.555	75	9504	4.876	ug/l #	51
38) Carbon Tetrachloride	5.555	117	11881	6.196	ug/l #	15
51) 4-Methyl-2-Pentanone	8.652	43	1221	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52681	23.314	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52681	66.618	ug/l #	5

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

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Sample : 04713-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

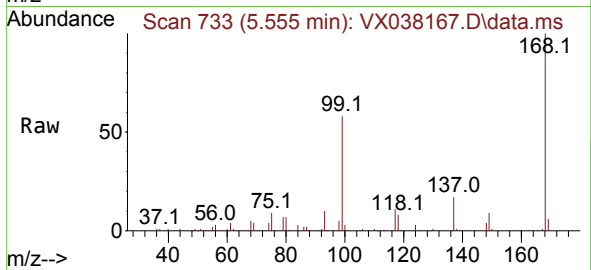
Quant Time: Oct 10 00:55:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



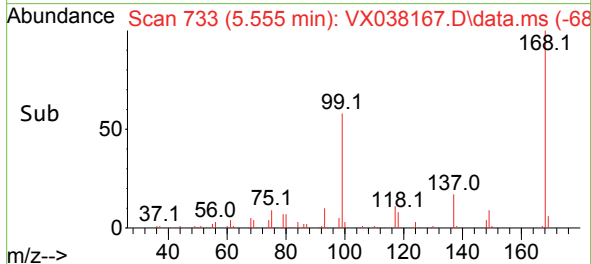
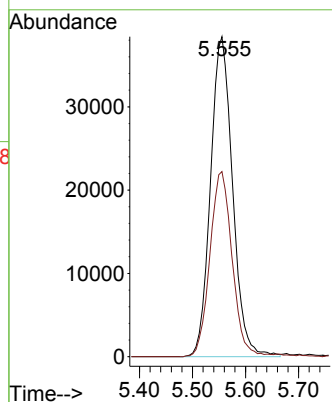


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

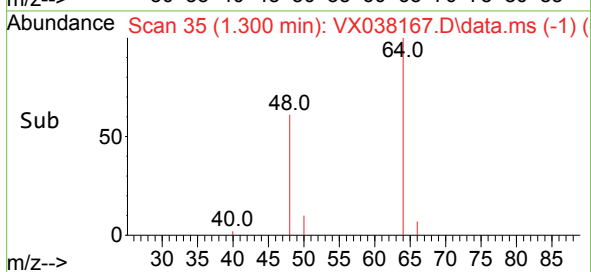
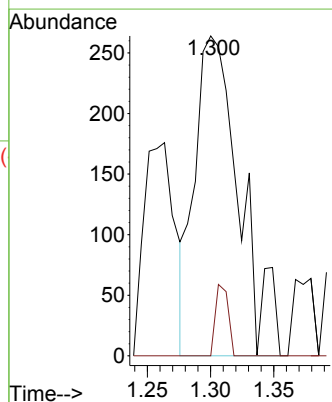
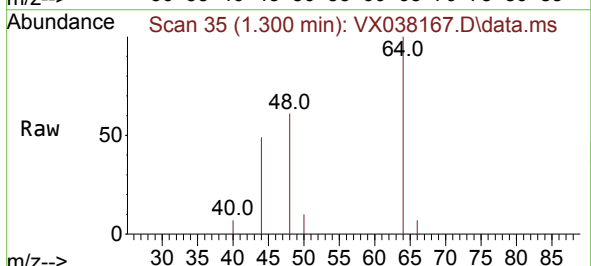


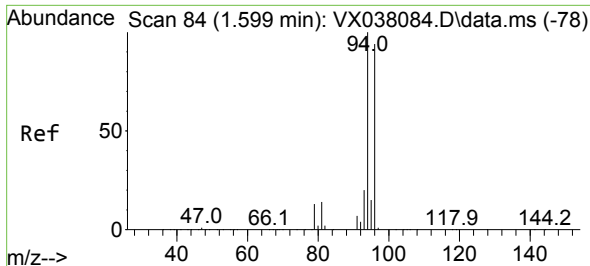
Tgt Ion:168 Resp: 111067
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#3
Chloromethane
Concen: 0.599 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Tgt Ion: 50 Resp: 654
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

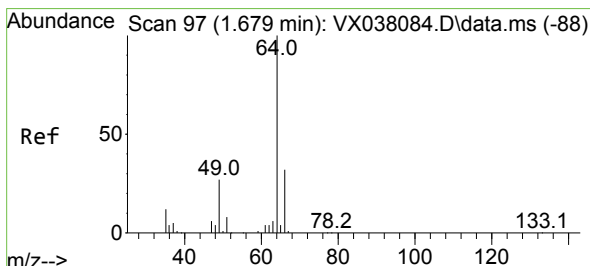
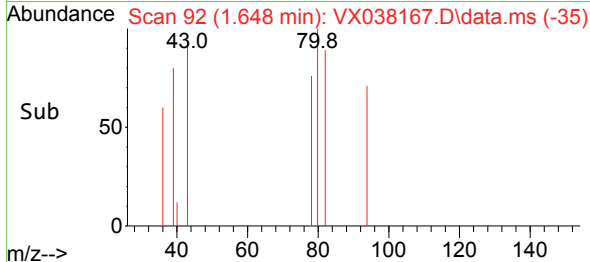
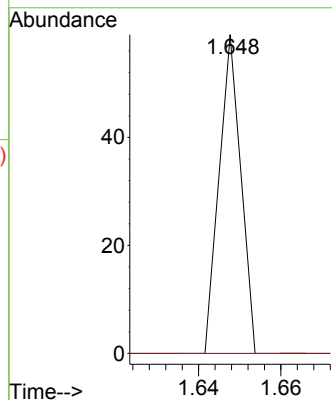
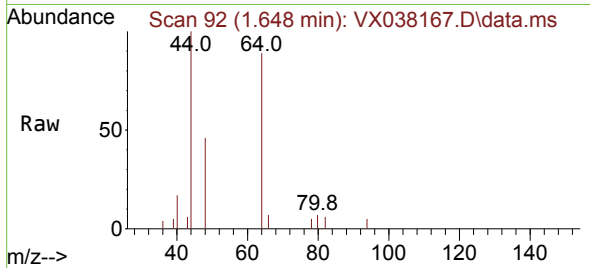




#5
Bromomethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. 0.049 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

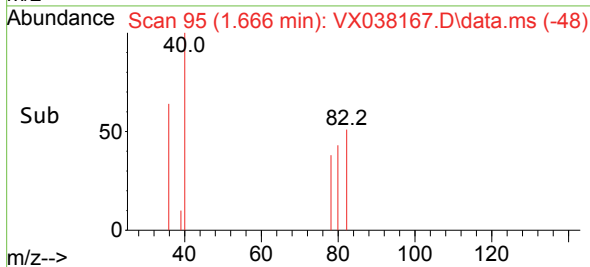
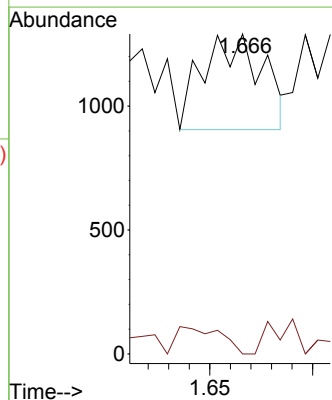
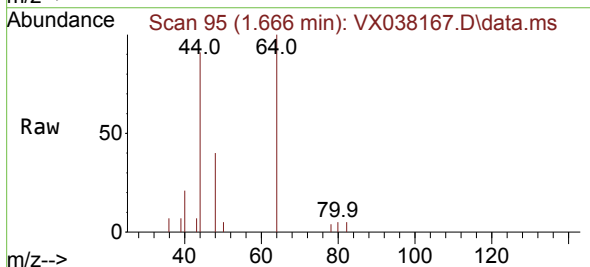
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

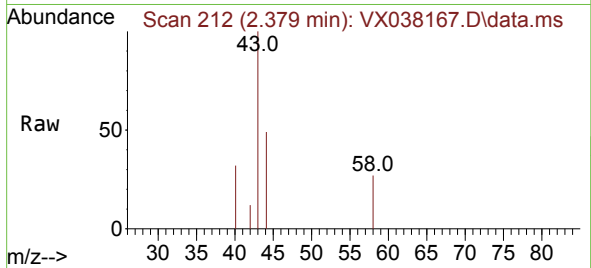
Tgt Ion: 64 Resp: 772
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



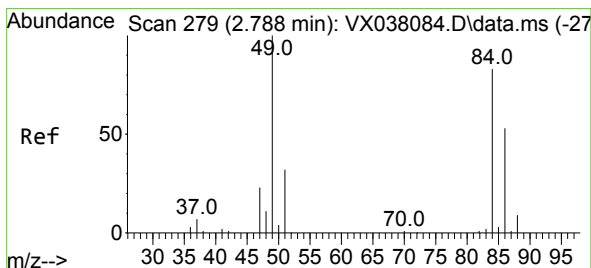
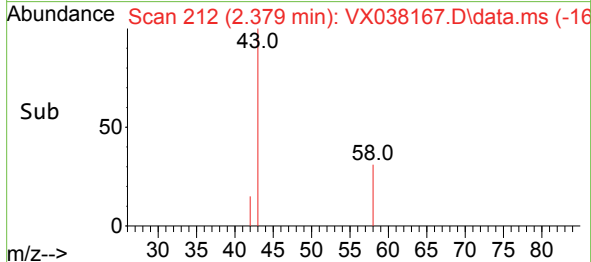
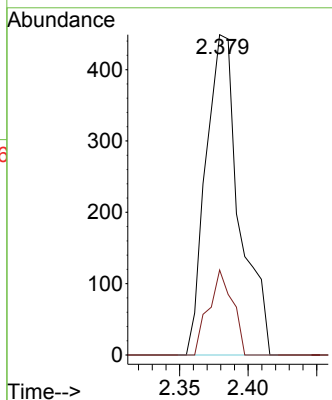


#16
Acetone
Concen: 1.030 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

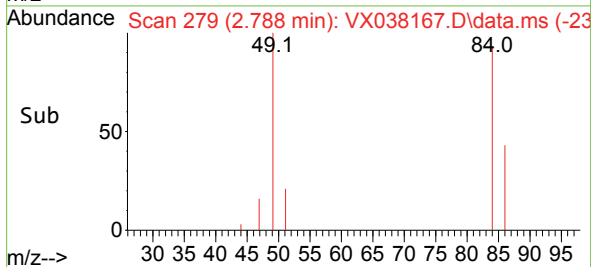
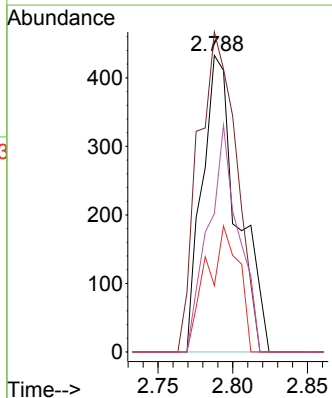
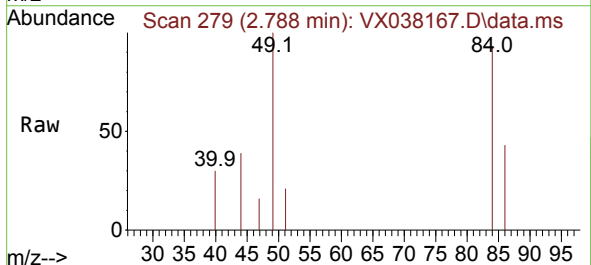


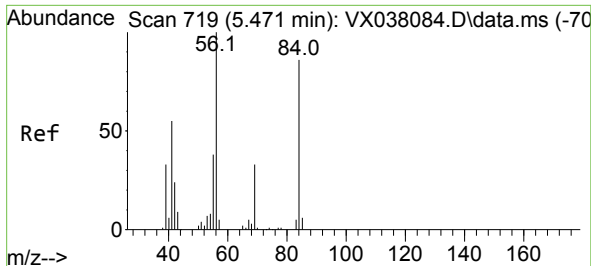
Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
58 26.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.508 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

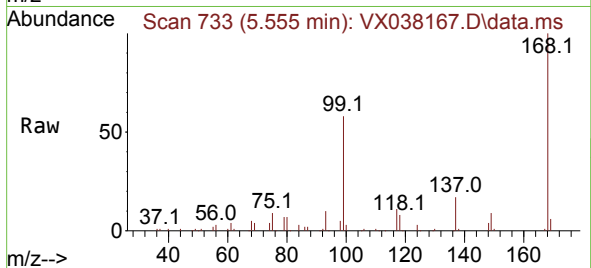
Tgt Ion: 84 Resp: 713
Ion Ratio Lower Upper
84 100
49 107.9 103.6 155.4
51 22.4 33.8 50.6#
86 46.7 49.4 74.0#



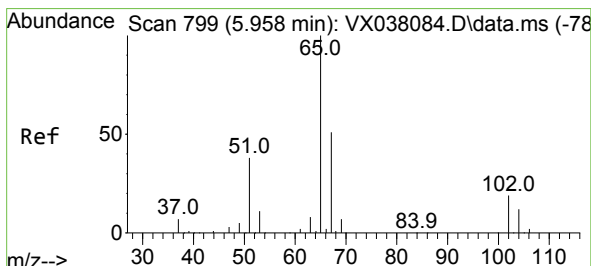
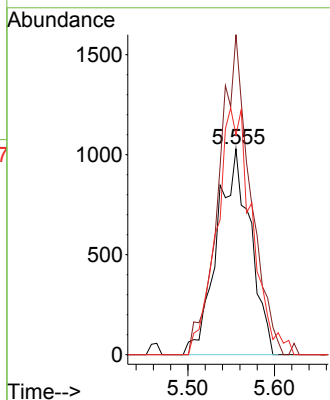
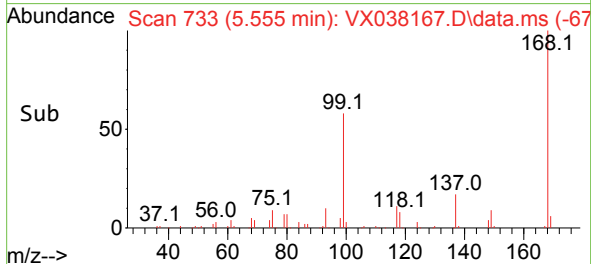


#31
Cyclohexane
Concen: 1.425 ug/l
RT: 5.555 min Scan# 719
Delta R.T. 0.084 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

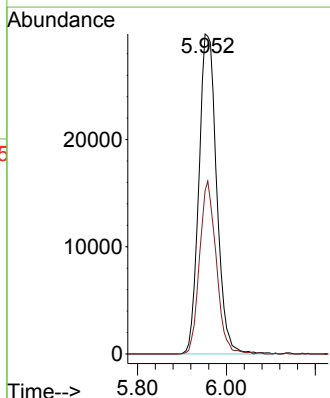
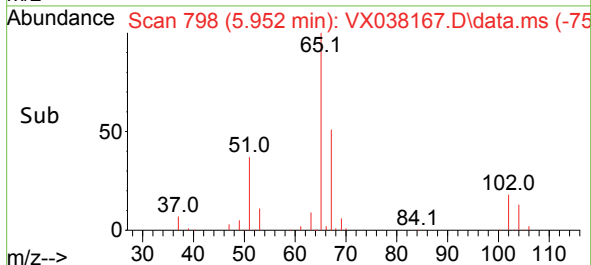
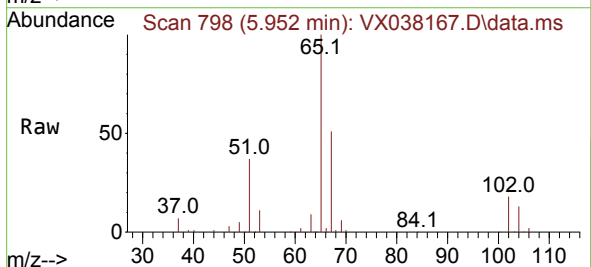


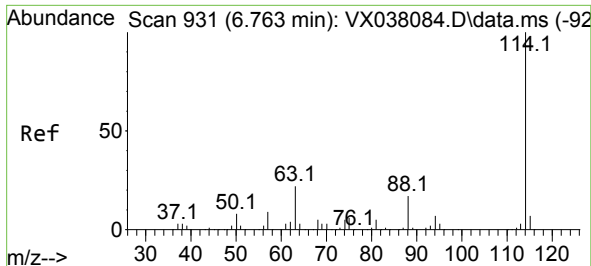
Tgt Ion: 56 Resp: 2758
Ion Ratio Lower Upper
56 100
69 155.5 23.4 35.2#
84 106.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.568 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

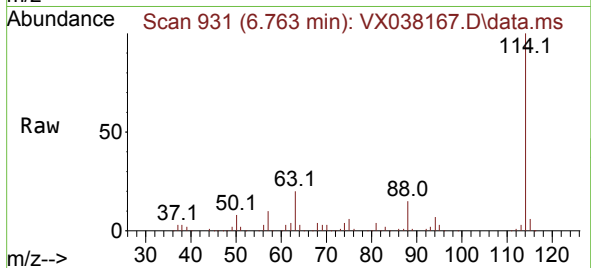
Tgt Ion: 65 Resp: 83191
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2



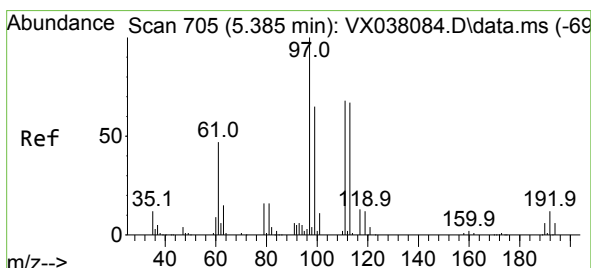
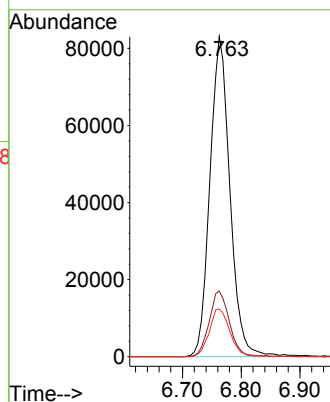
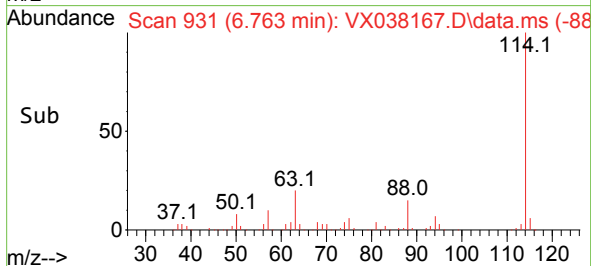


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

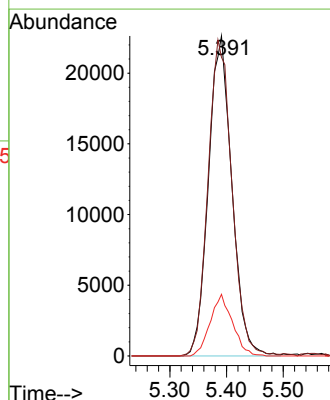
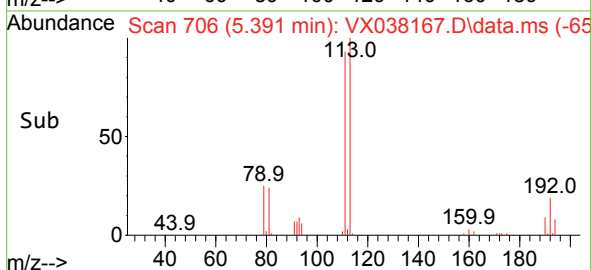
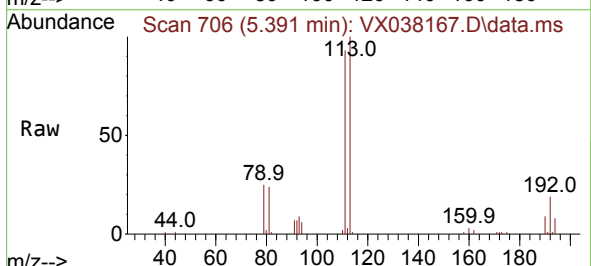


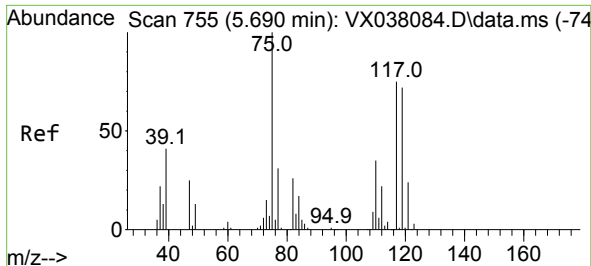
Tgt Ion:114 Resp: 196166
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.934 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

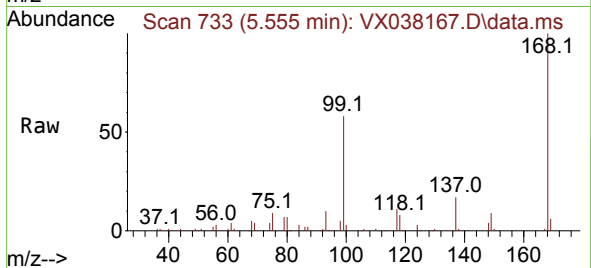
Tgt Ion:113 Resp: 64927
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 18.4 13.3 19.9



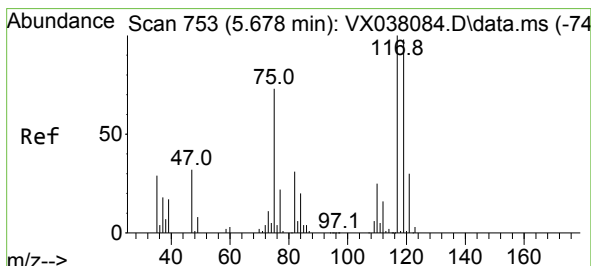
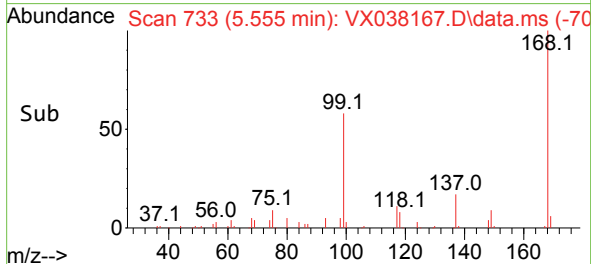
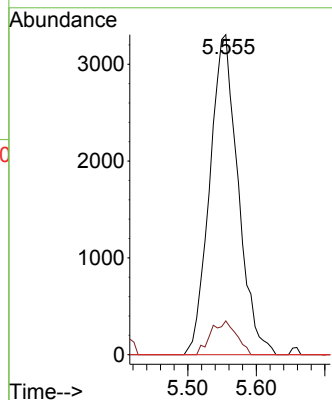


#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 5.555 min Scan# 713
Delta R.T. -0.135 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :

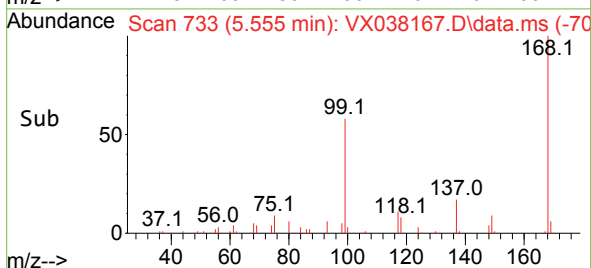
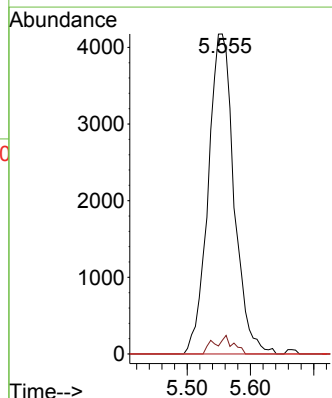
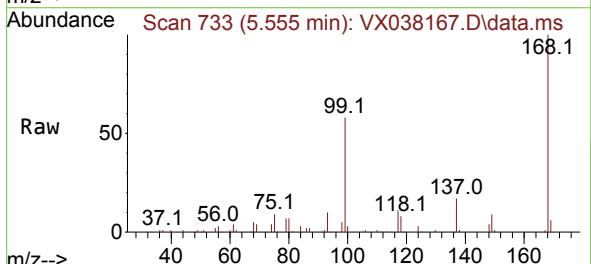


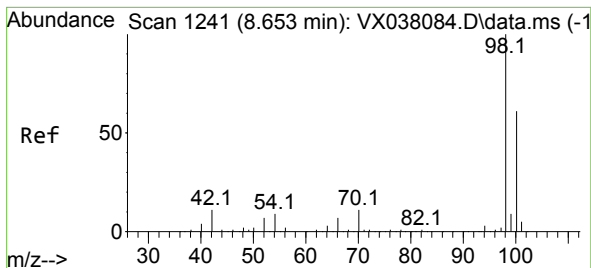
Tgt Ion: 75 Resp: 9504
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.196 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.123 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Tgt Ion: 117 Resp: 11881
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.345 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX038167.D

Acq: 09 Oct 2023 13:27

Instrument :

MSVOA_X

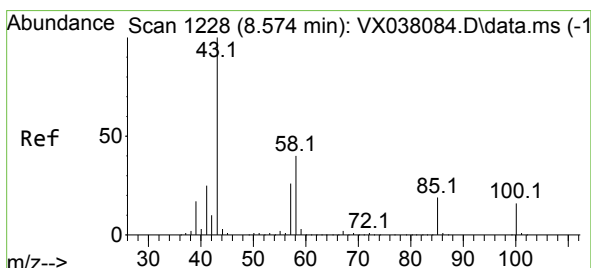
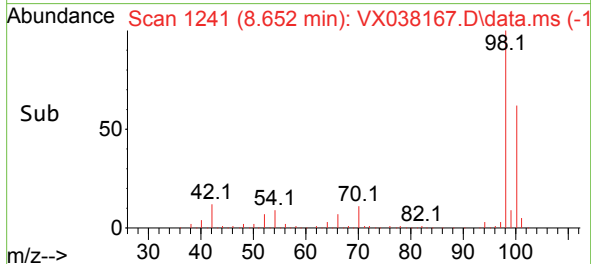
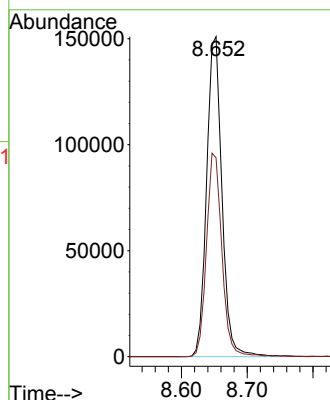
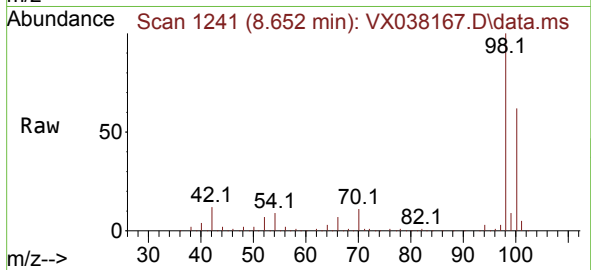
ClientSampleId :

Tgt Ion: 98 Resp: 244924

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.512 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. 0.078 min

Lab File: VX038167.D

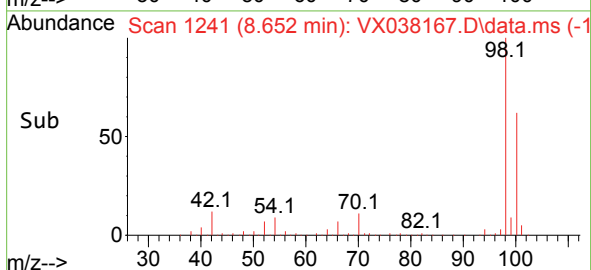
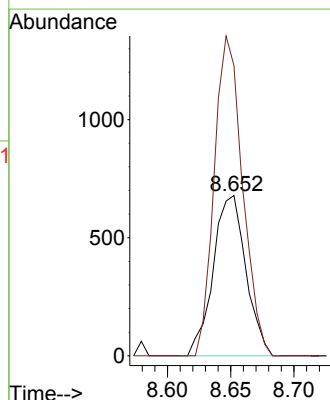
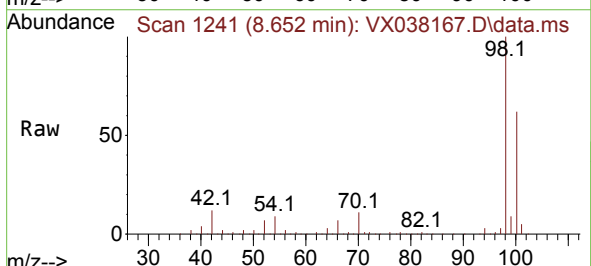
Acq: 09 Oct 2023 13:27

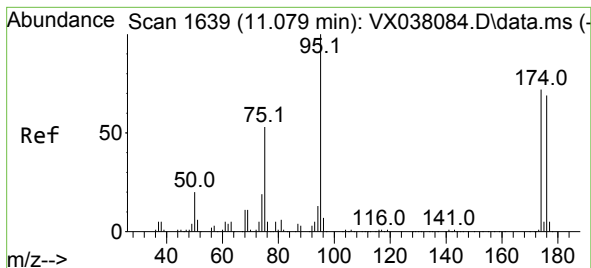
Tgt Ion: 43 Resp: 1221

Ion Ratio Lower Upper

43 100

58 172.4 30.4 45.6#

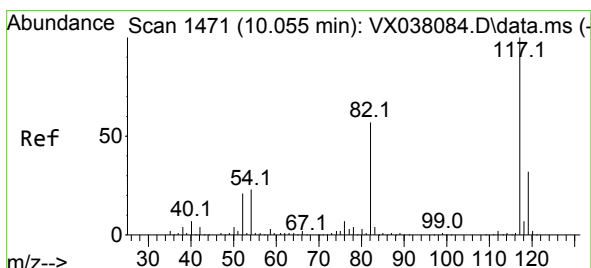
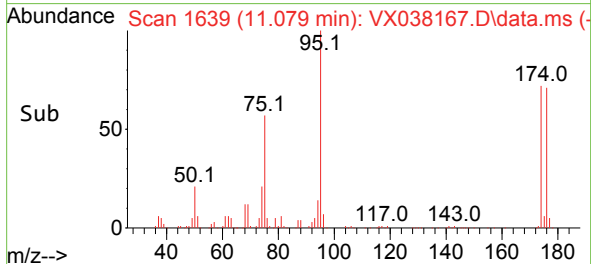
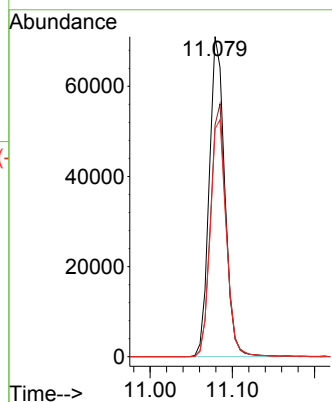
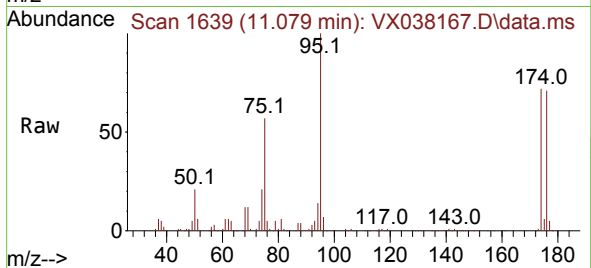




#62
4-Bromofluorobenzene
Concen: 45.443 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

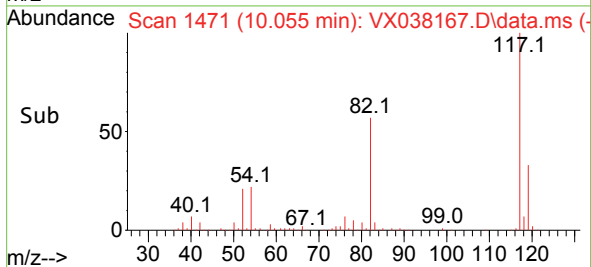
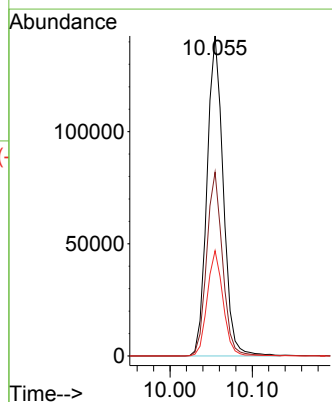
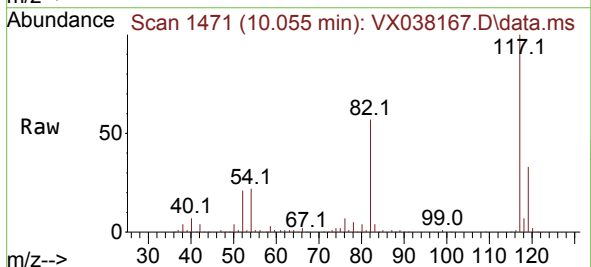
Instrument :
MSVOA_X
ClientSampleId :

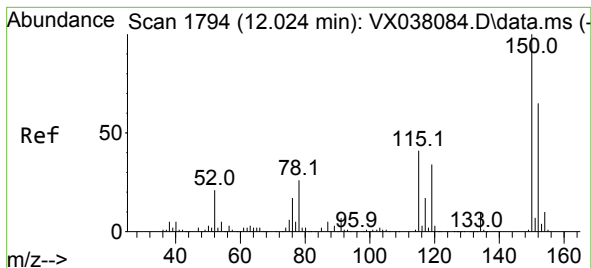
Tgt Ion: 95 Resp: 93054
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 76.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038167.D
Acq: 09 Oct 2023 13:27

Tgt Ion: 117 Resp: 195594
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.9 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: VX038167.D

Acq: 09 Oct 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

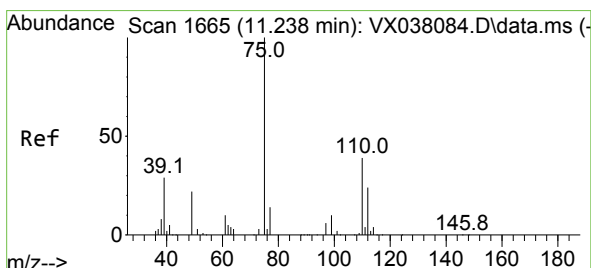
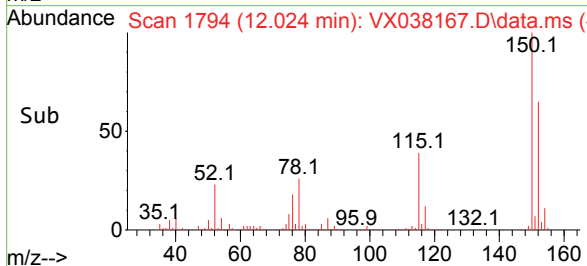
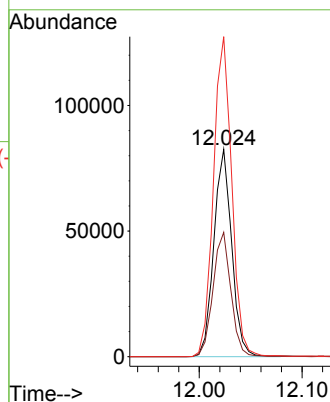
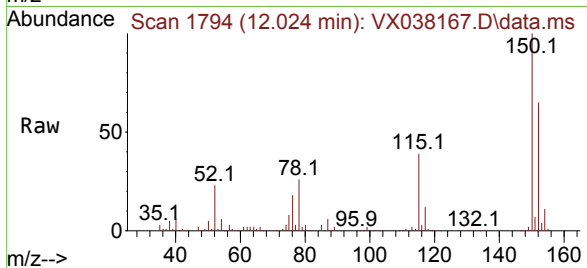
Tgt Ion:152 Resp: 99394

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 158.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.314 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038167.D

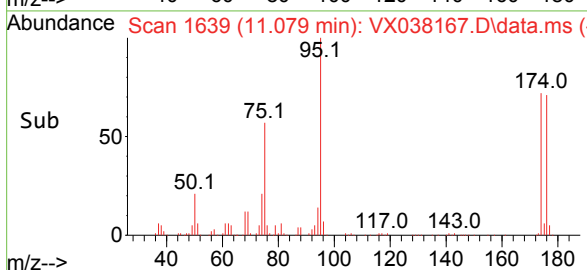
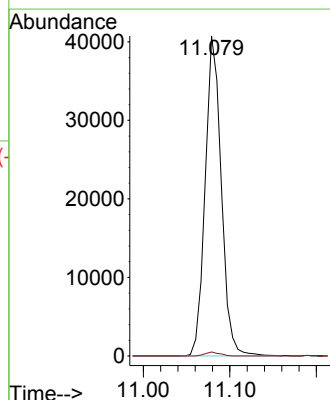
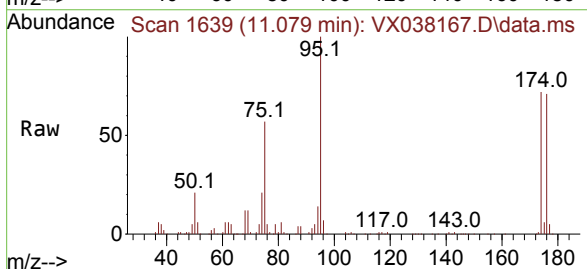
Acq: 09 Oct 2023 13:27

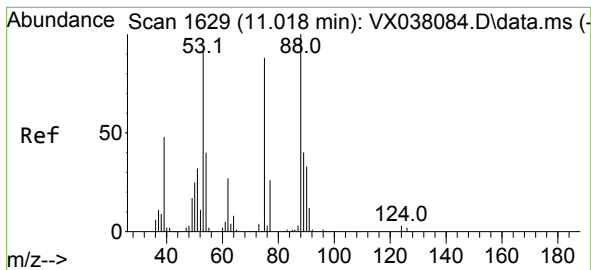
Tgt Ion: 75 Resp: 52681

Ion Ratio Lower Upper

75 100

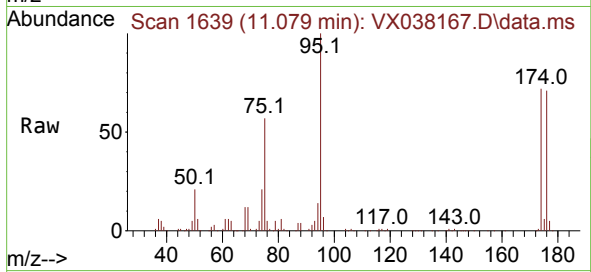
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.618 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038167.D
 Acq: 09 Oct 2023 13:27

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52681
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

