

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038984.D
 Acq On : 21 Nov 2023 15:04
 Operator : JC/MD
 Sample : 05405-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 03:20:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

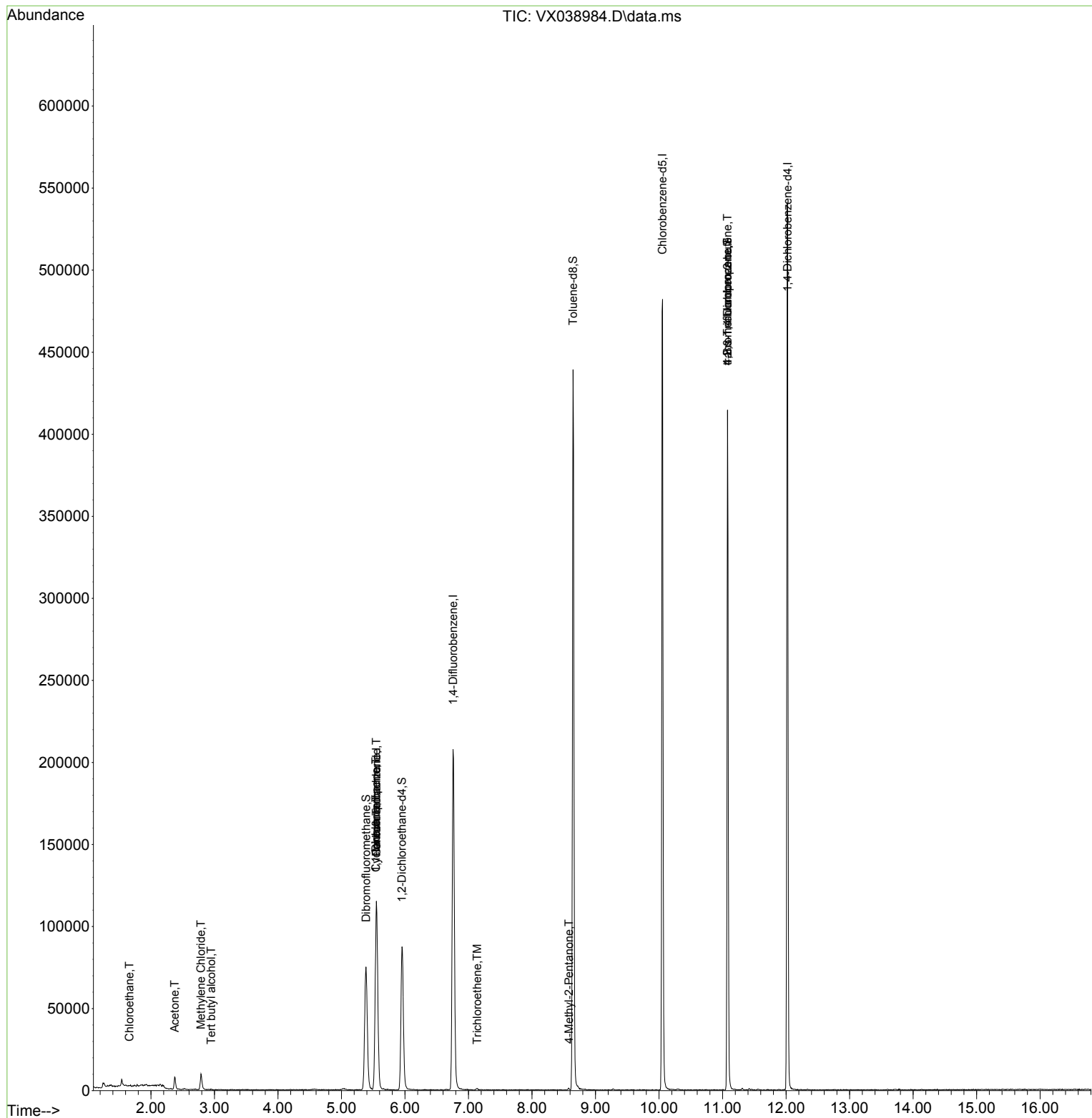
Internal Standards						
1) Pentafluorobenzene	5.550	168	99444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83846	52.326	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.660%	
35) Dibromofluoromethane	5.385	113	66861	45.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.340%	
50) Toluene-d8	8.647	98	264171	46.649	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.300%	
62) 4-Bromofluorobenzene	11.079	95	113828	50.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.420%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	413	0.496	ug/l #	43
11) Tert butyl alcohol	2.947	59	237	0.532	ug/l #	78
16) Acetone	2.374	43	8340	9.777	ug/l	97
20) Methylene Chloride	2.788	84	4148	2.698	ug/l	93
31) Cyclohexane	5.544	56	2967	1.297	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9413	4.437	ug/l #	46
38) Carbon Tetrachloride	5.550	117	11615	5.924	ug/l #	15
44) Trichloroethene	7.135	130	383	0.251	ug/l	55
51) 4-Methyl-2-Pentanone	8.580	43	763	0.270	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	61607	22.733	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61607	50.424	ug/l #	5

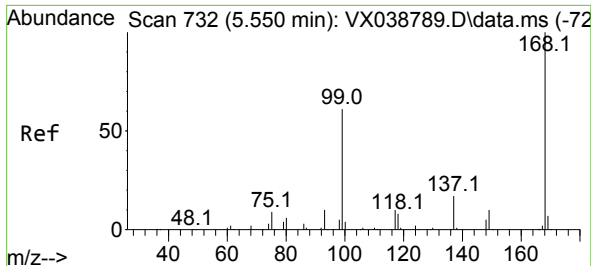
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
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MSVOA_X
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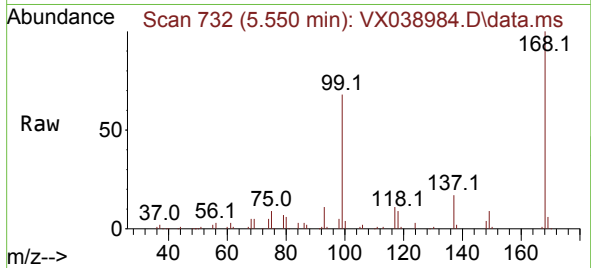
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



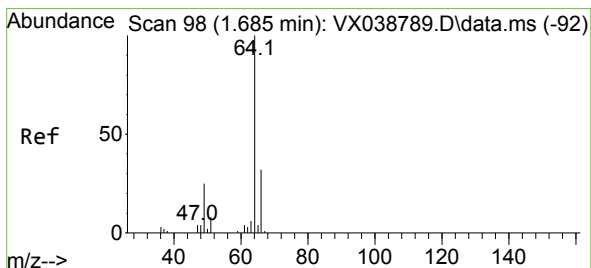
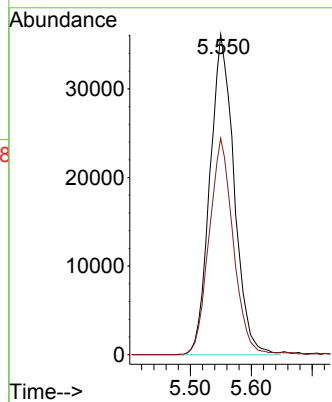
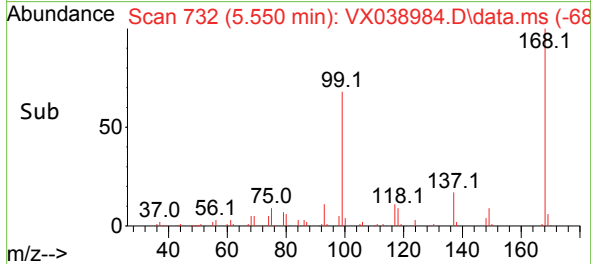


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

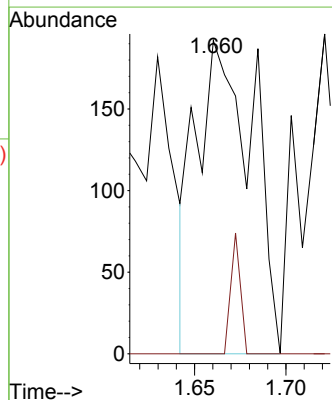
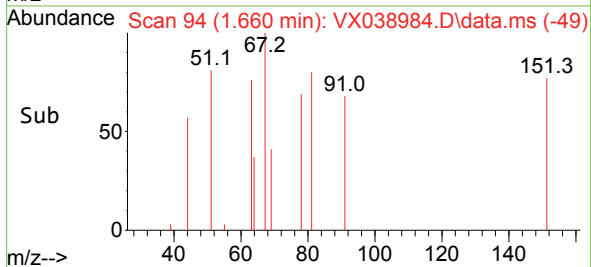
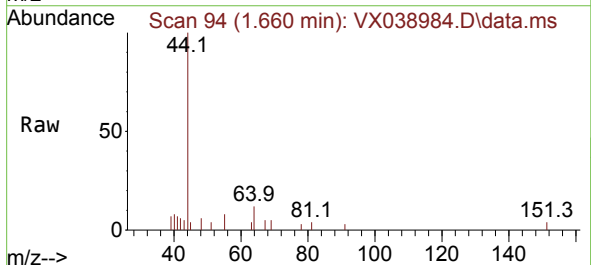


Tgt Ion:168 Resp: 99444
Ion Ratio Lower Upper
168 100
99 67.5 56.6 85.0



#6
Chloroethane
Concen: 0.496 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion: 64 Resp: 413
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

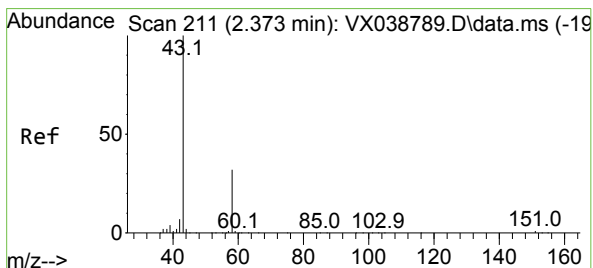
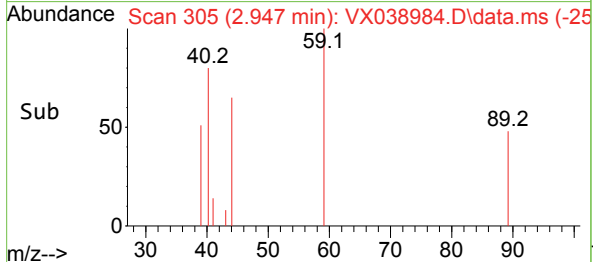
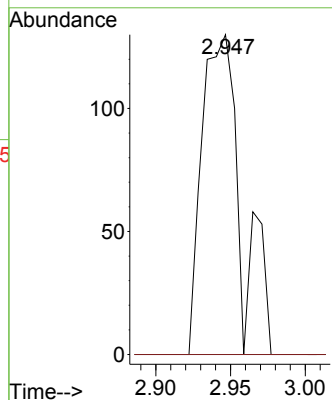
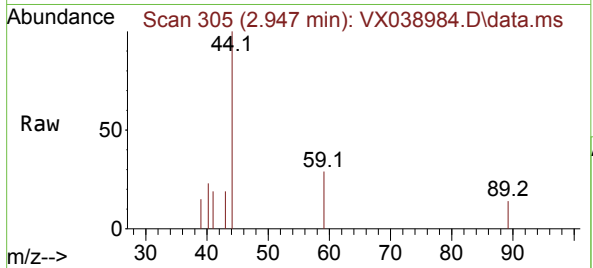




#11
Tert butyl alcohol
Concen: 0.532 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

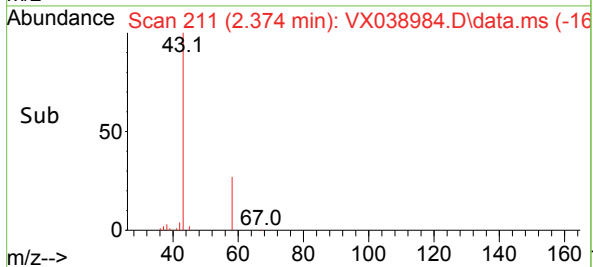
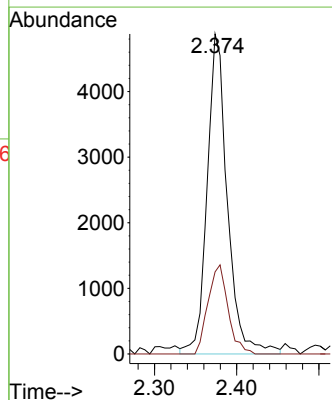
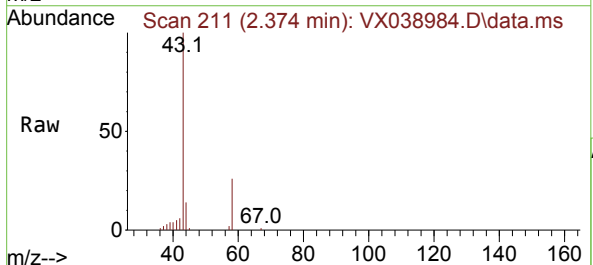
Instrument :
MSVOA_X
ClientSampleId :

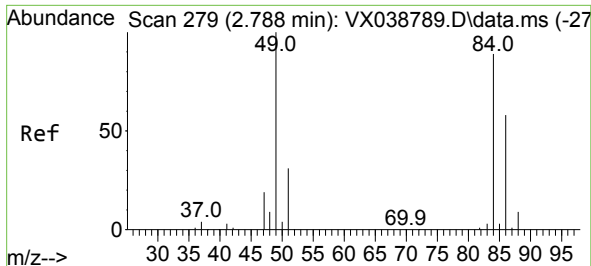
Tgt Ion: 59 Resp: 237
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 9.777 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

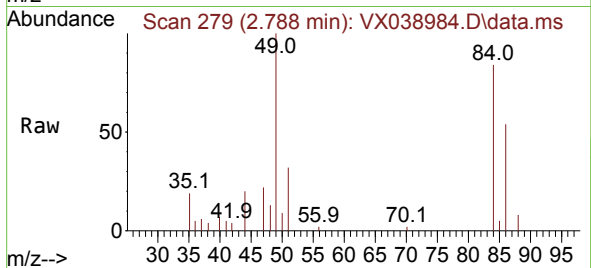
Tgt Ion: 43 Resp: 8340
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9



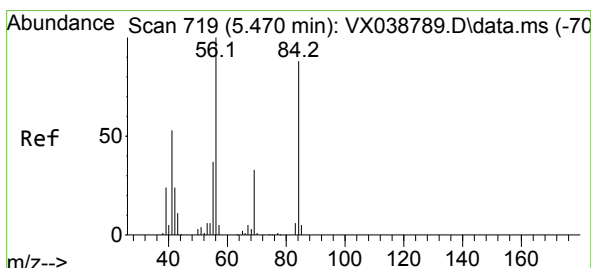
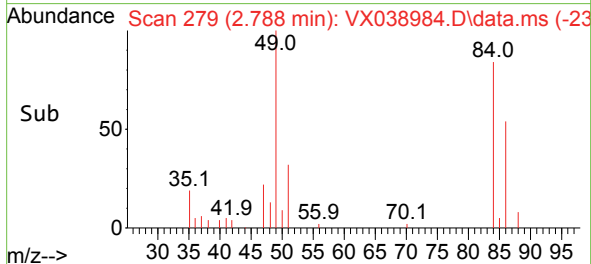
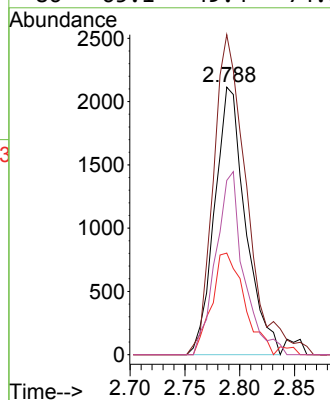


#20
Methylene Chloride
Concen: 2.698 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

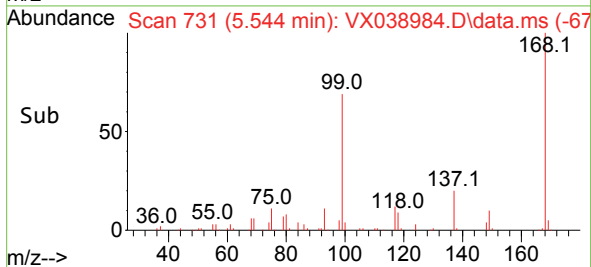
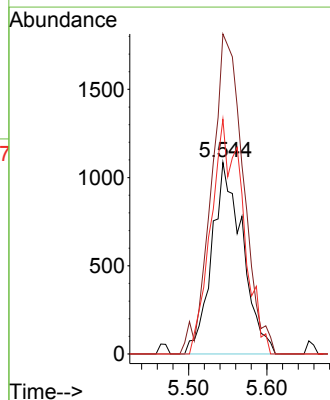
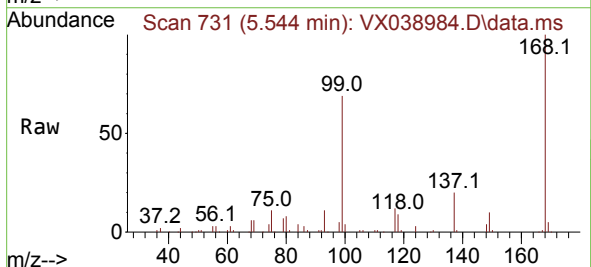


Tgt Ion:	84	Resp:	4148
Ion	Ratio	Lower	Upper
84	100		
49	119.6	103.6	155.4
51	38.0	33.8	50.6
86	65.1	49.4	74.0



#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion:	56	Resp:	2967
Ion	Ratio	Lower	Upper
56	100		
69	167.0	23.4	35.2#
84	122.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.326 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038984.D

Acq: 21 Nov 2023 15:04

Instrument :

MSVOA_X

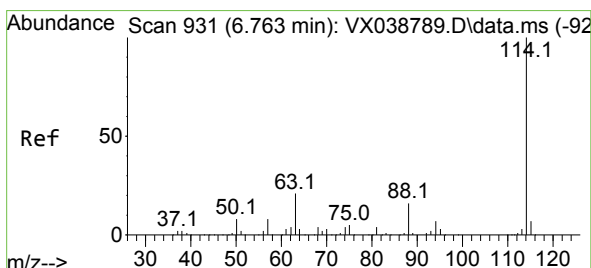
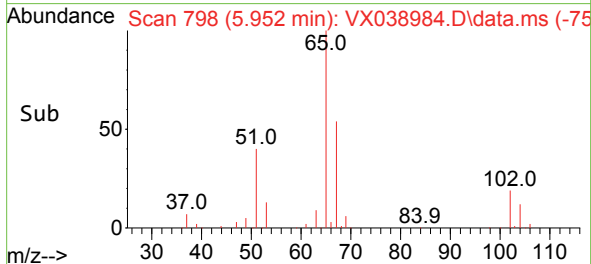
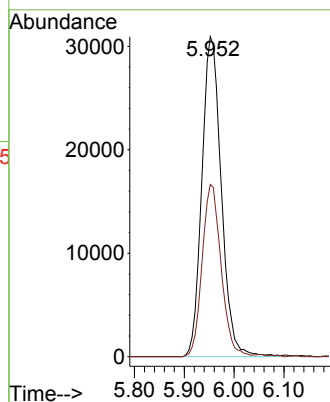
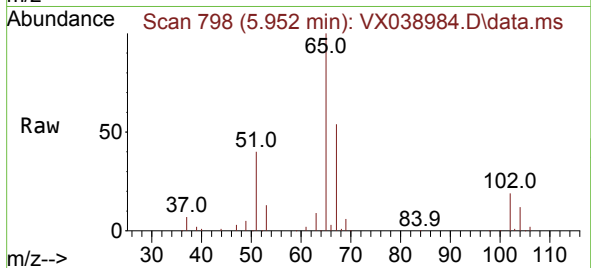
ClientSampleId :

Tgt Ion: 65 Resp: 83846

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038984.D

Acq: 21 Nov 2023 15:04

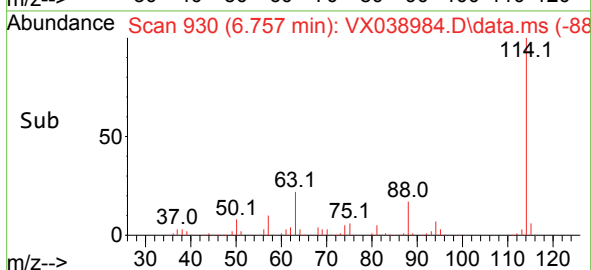
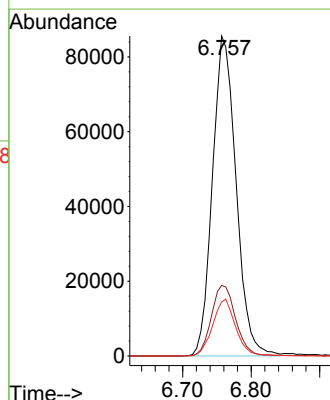
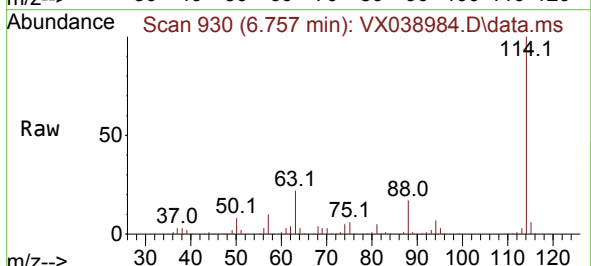
Tgt Ion: 114 Resp: 204936

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

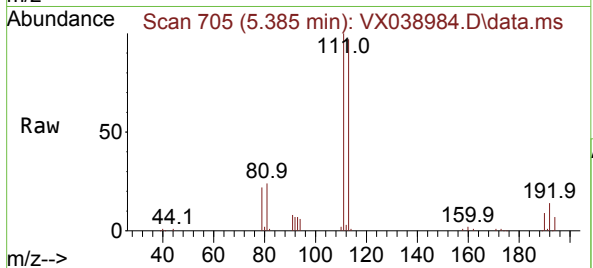
88 16.9 0.0 36.6



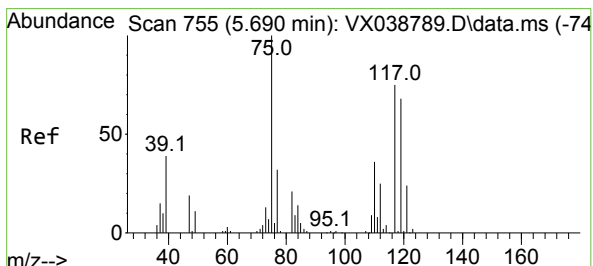
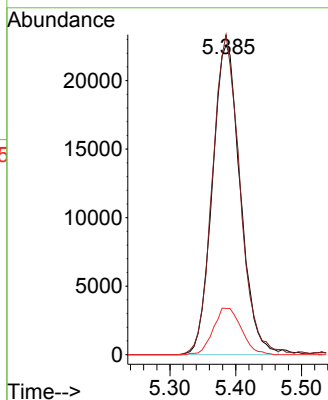
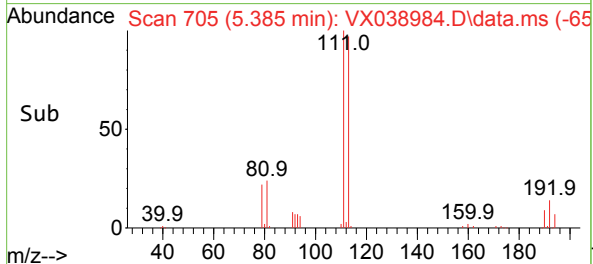


#35
Dibromofluoromethane
Concen: 45.173 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

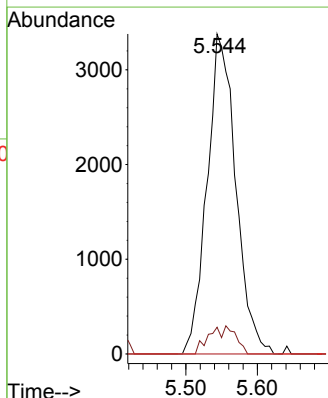
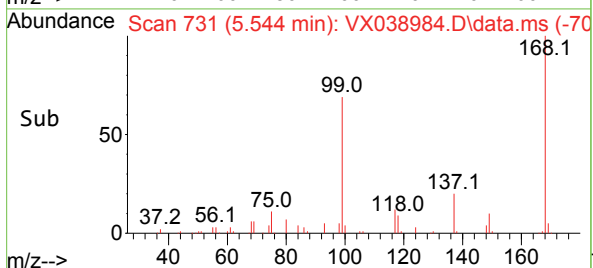
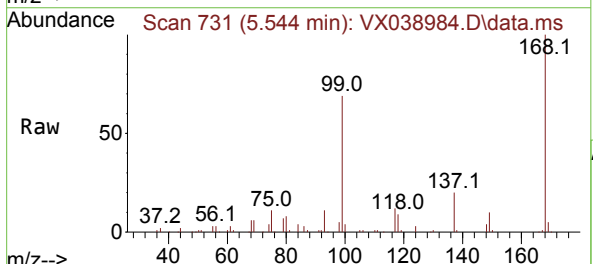


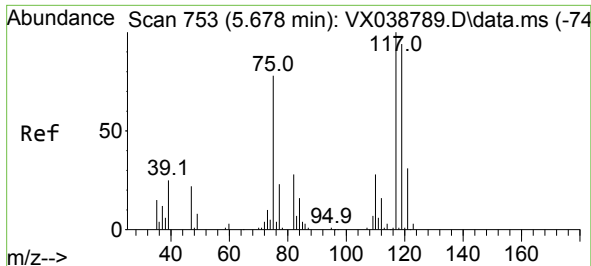
Tgt Ion:113 Resp: 66861
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 15.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

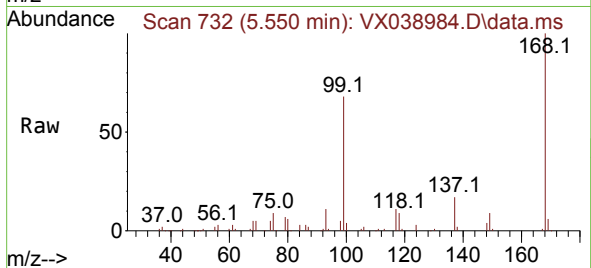
Tgt Ion: 75 Resp: 9413
Ion Ratio Lower Upper
75 100
110 4.3 17.0 50.9#
77 0.0 24.7 37.1#



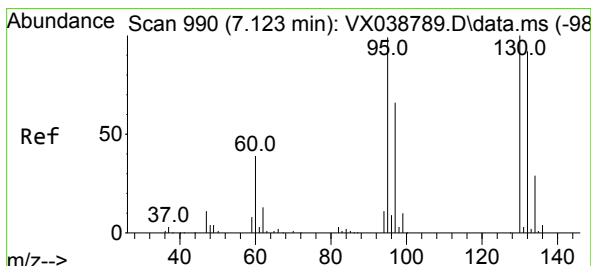
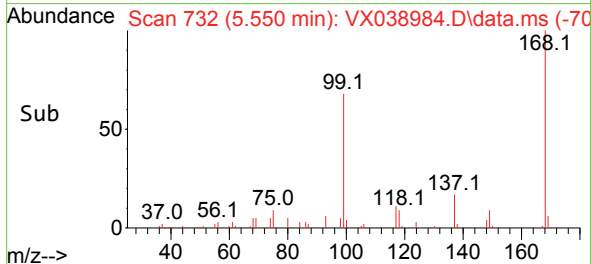
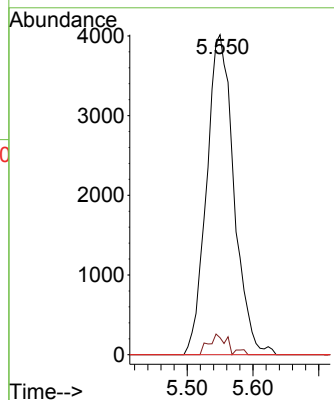


#38
Carbon Tetrachloride
Concen: 5.924 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :

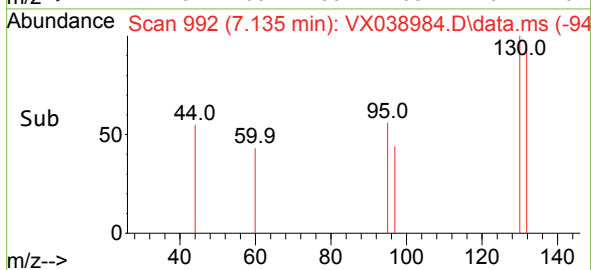
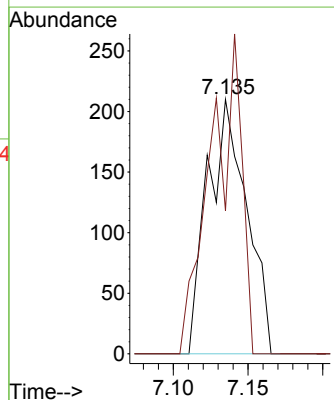
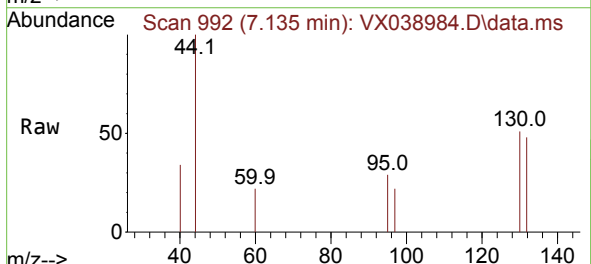


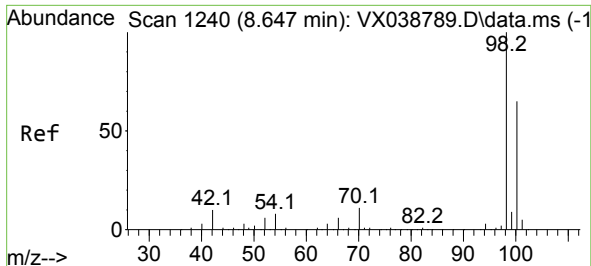
Tgt Ion:117 Resp: 11615
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.251 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion:130 Resp: 383
Ion Ratio Lower Upper
130 100
95 56.2 0.0 204.4

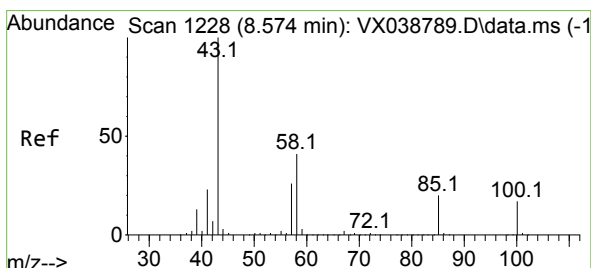
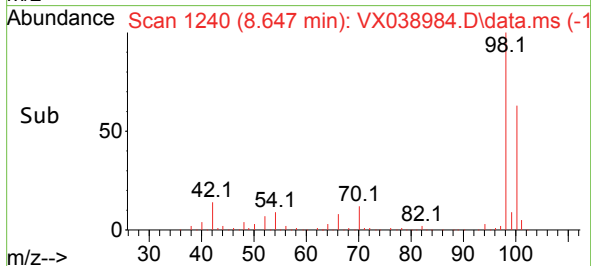
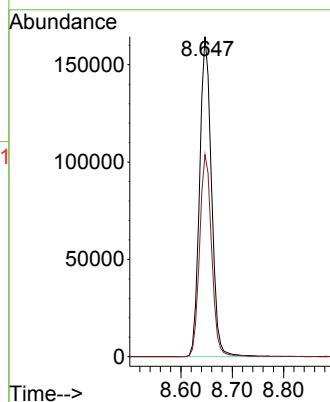
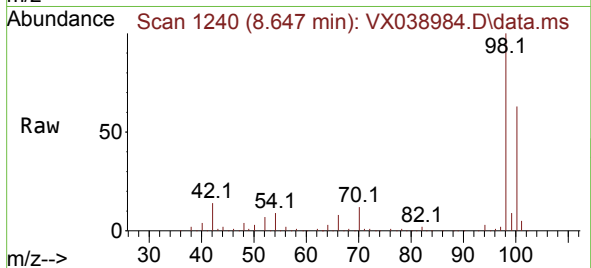




#50
Toluene-d8
Concen: 46.649 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

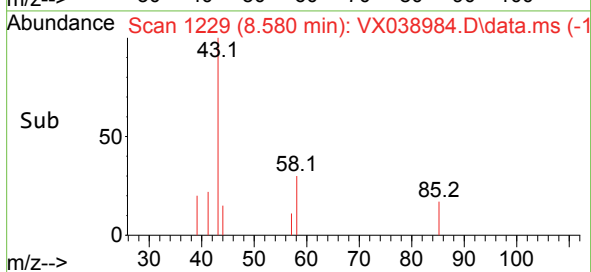
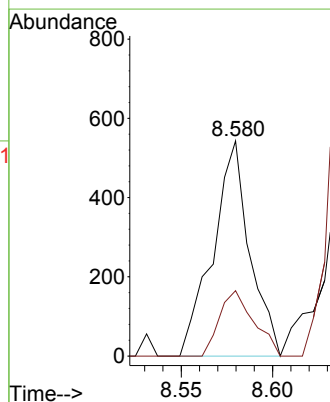
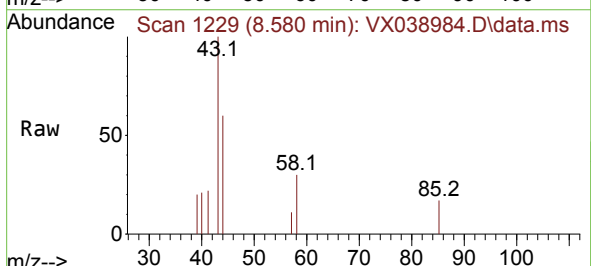
Instrument :
MSVOA_X
ClientSampleId :

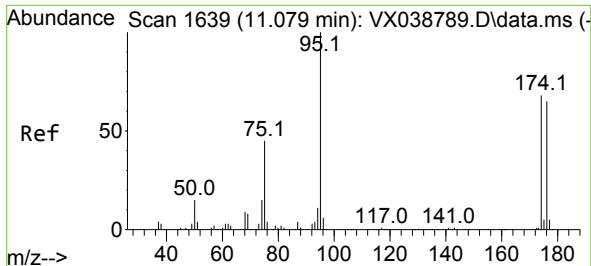
Tgt Ion: 98 Resp: 264171
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.270 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
58 28.3 30.4 45.6#

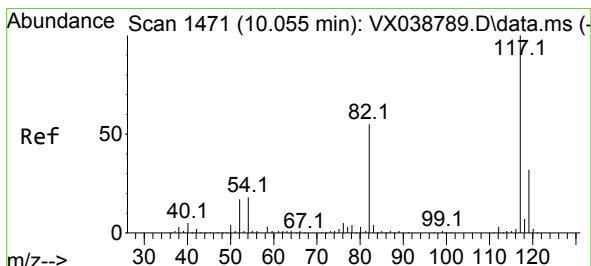
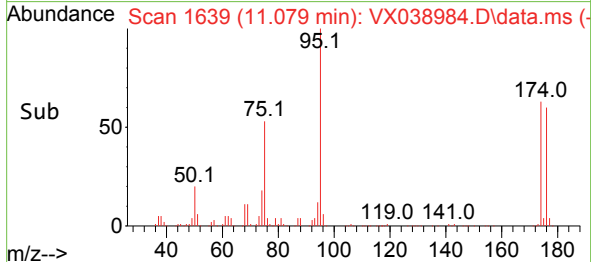
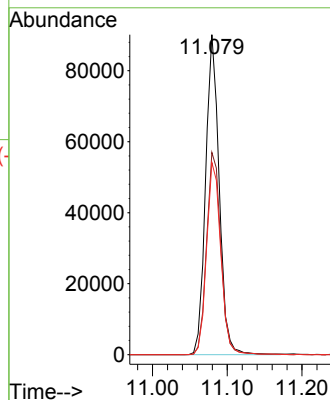
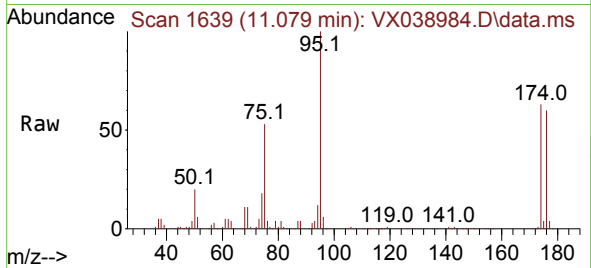




#62
4-Bromofluorobenzene
Concen: 50.213 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

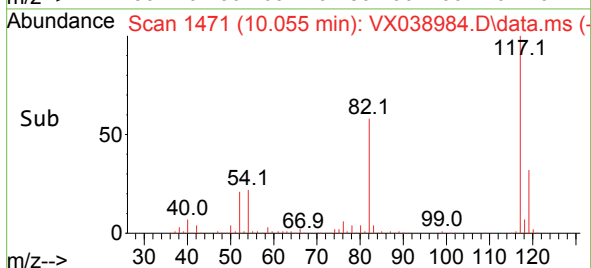
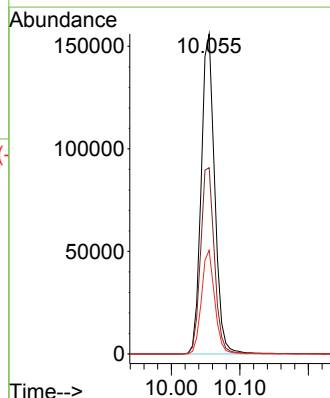
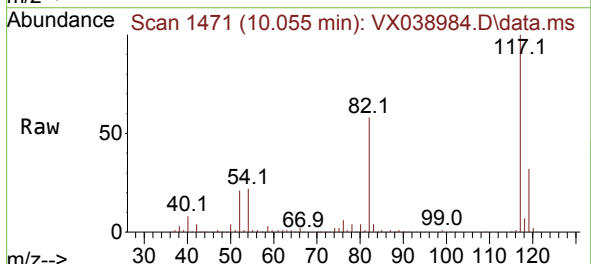
Instrument :
MSVOA_X
ClientSampleId :

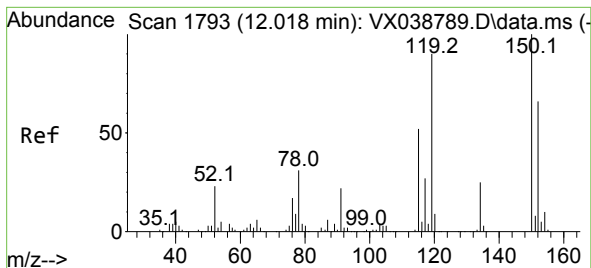
Tgt Ion: 95 Resp: 113828
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 63.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038984.D
Acq: 21 Nov 2023 15:04

Tgt Ion: 117 Resp: 214411
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038984.D

Acq: 21 Nov 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

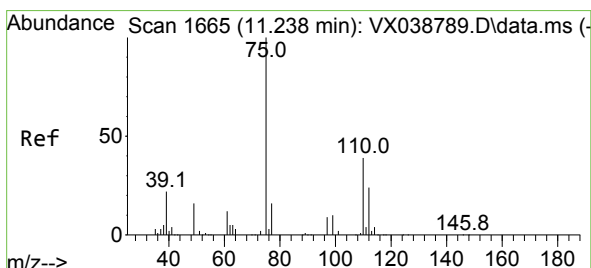
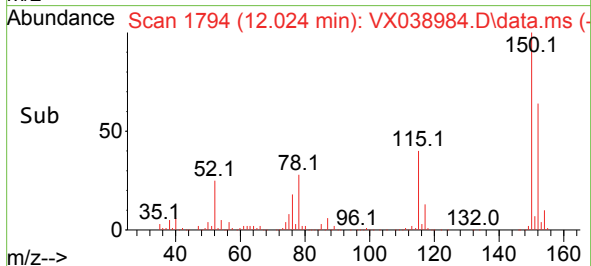
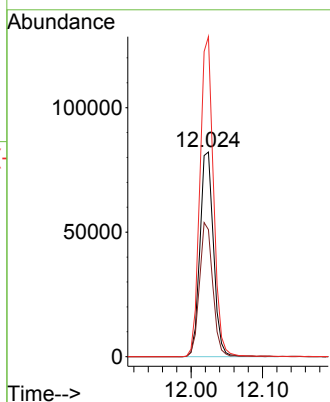
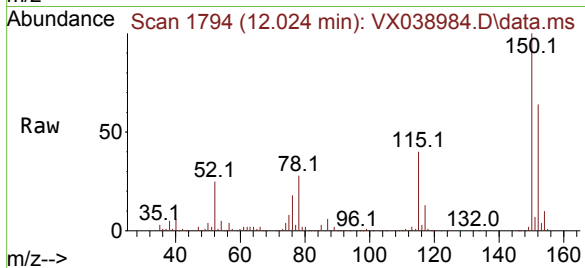
Tgt Ion:152 Resp: 108620

Ion Ratio Lower Upper

152 100

115 64.2 43.3 129.9

150 155.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.733 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038984.D

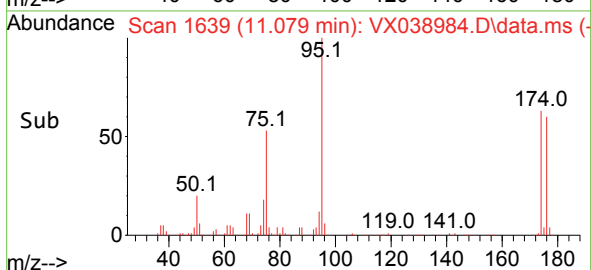
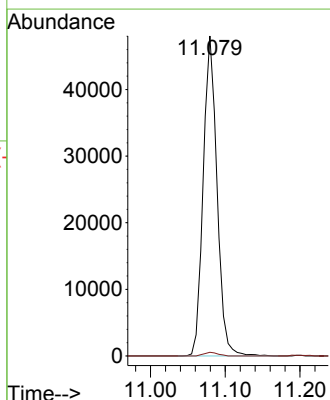
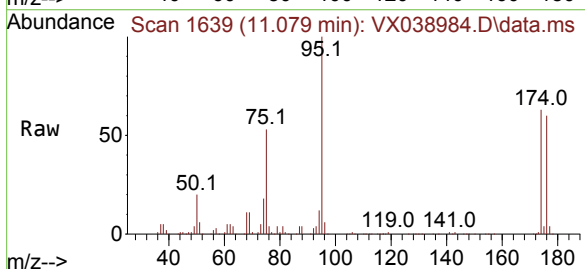
Acq: 21 Nov 2023 15:04

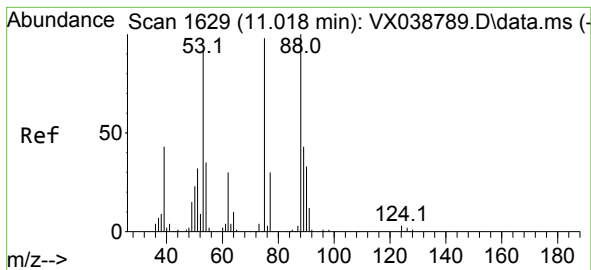
Tgt Ion: 75 Resp: 61607

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.424 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038984.D
 Acq: 21 Nov 2023 15:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 61607
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

