

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038987.D
 Acq On : 21 Nov 2023 16:12
 Operator : JC/MD
 Sample : 05407-10 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 03:22:00 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)

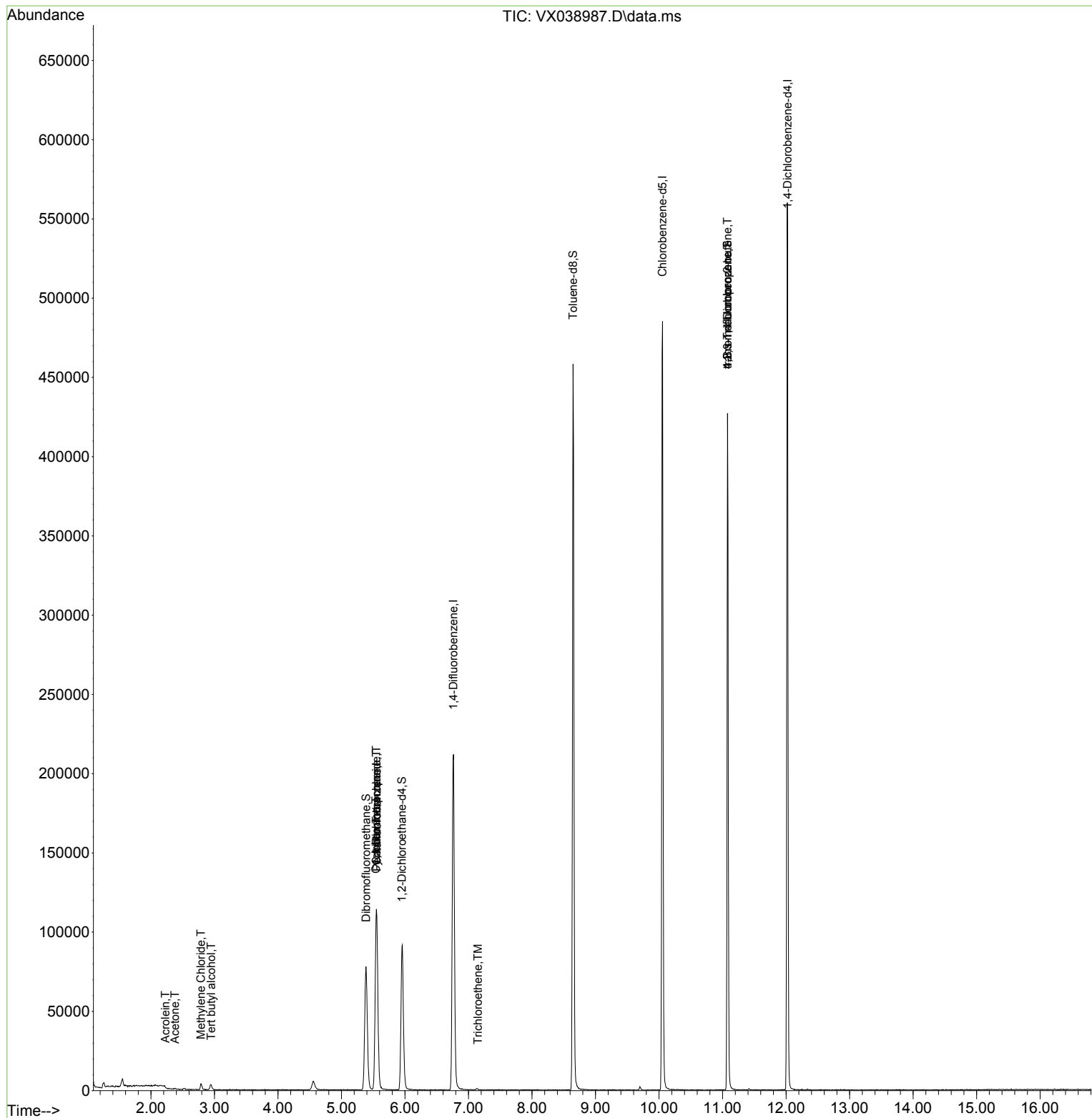
Internal Standards						
1) Pentafluorobenzene	5.556	168	101301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85901	52.625	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.260%			
35) Dibromofluoromethane	5.385	113	68281	44.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.580%			
50) Toluene-d8	8.647	98	272946	46.271	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.540%			
62) 4-Bromofluorobenzene	11.079	95	117094	49.588	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.180%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2207	4.861	ug/l #	83
13) Acrolein	2.227	56	125	0.520	ug/l #	1
16) Acetone	2.380	43	807	0.929	ug/l #	47
20) Methylene Chloride	2.788	84	1604	1.024	ug/l #	94
31) Cyclohexane	5.544	56	2996	1.286	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	9781	4.426	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11656	5.707	ug/l #	14
44) Trichloroethene	7.147	130	346	0.217	ug/l	68
76) 1,2,3-Trichloropropane	11.079	75	62778	22.837	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	62778	50.655	ug/l #	5

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

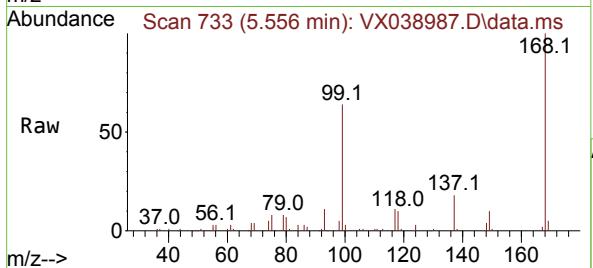
Quant Time: Nov 22 03:22:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



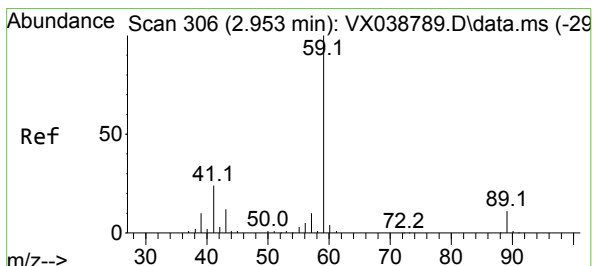
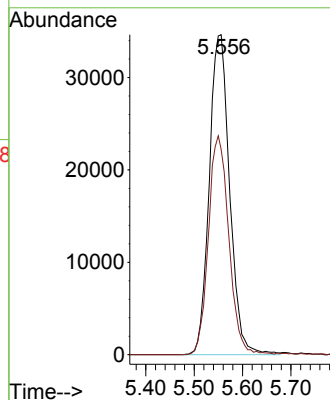
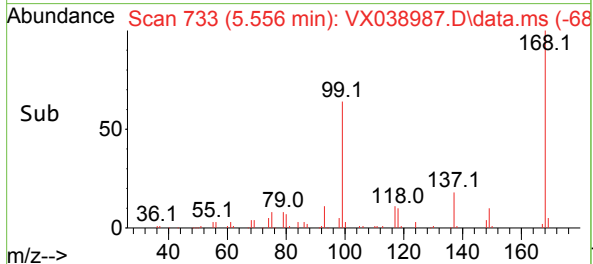


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

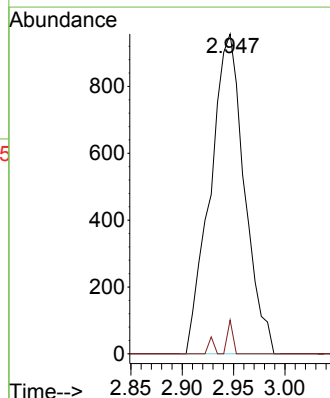
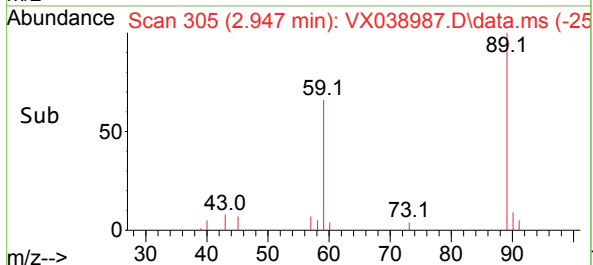
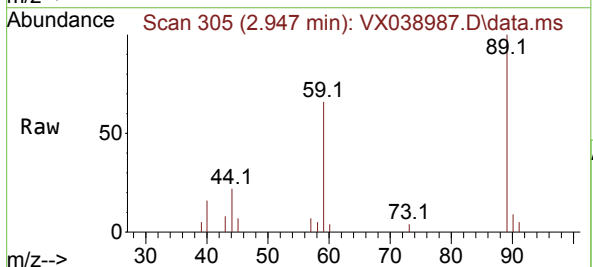


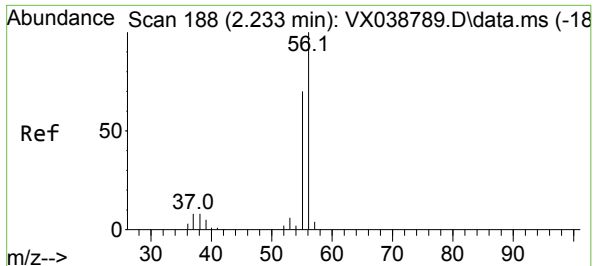
Tgt Ion:168 Resp: 101301
Ion Ratio Lower Upper
168 100
99 64.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.861 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Tgt Ion: 59 Resp: 2207
Ion Ratio Lower Upper
59 100
57 1.7 6.0 9.0#

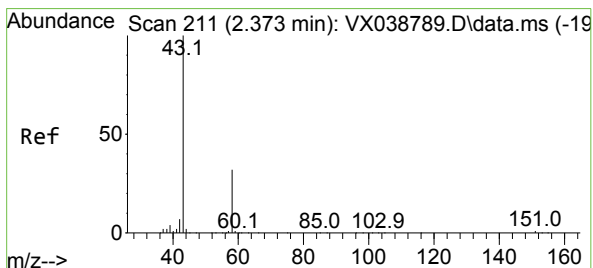
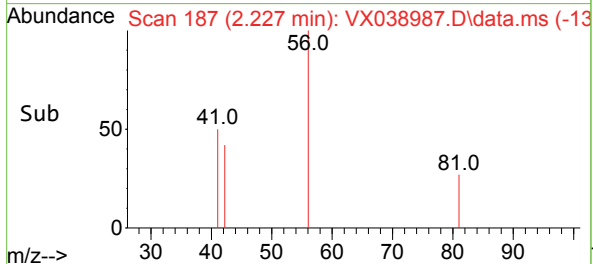
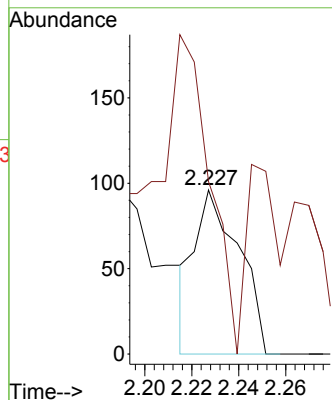
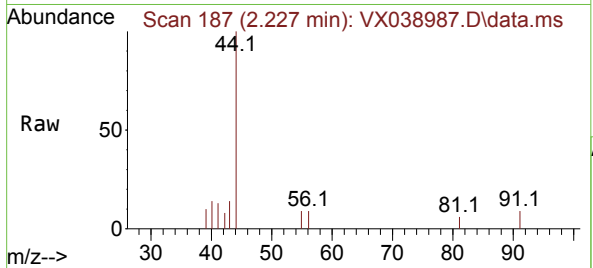




#13
Acrolein
Concen: 0.520 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

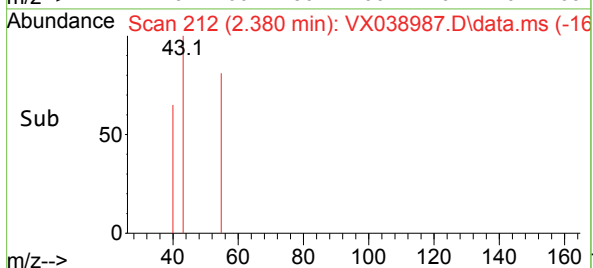
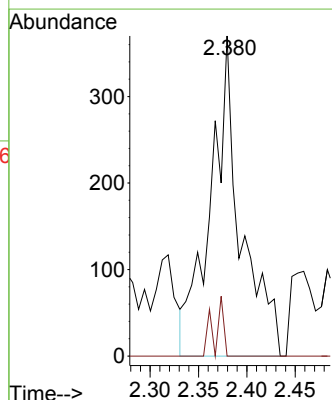
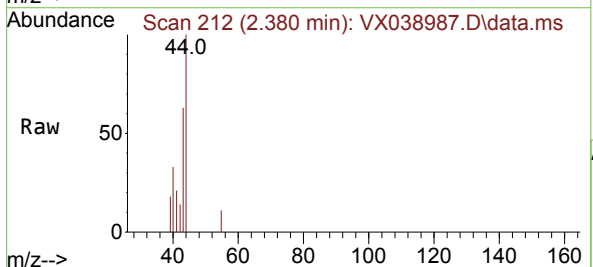
Instrument :
MSVOA_X
ClientSampleId :

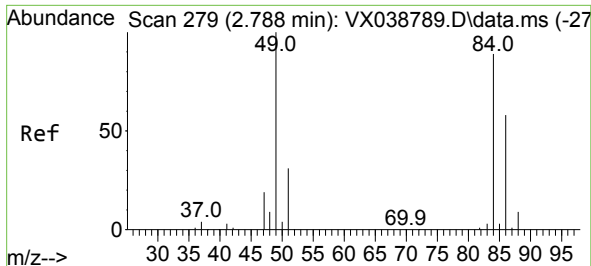
Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 216.0 57.1 85.7#



#16
Acetone
Concen: 0.929 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

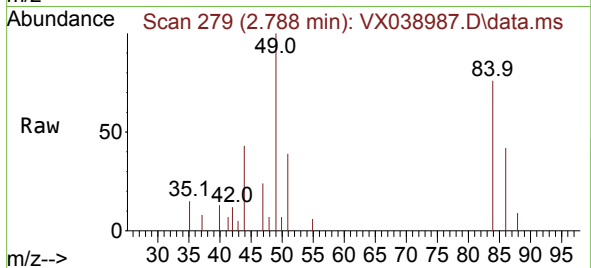
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





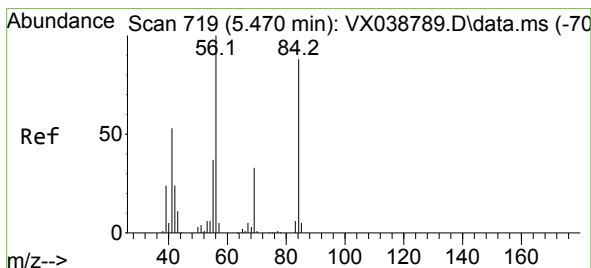
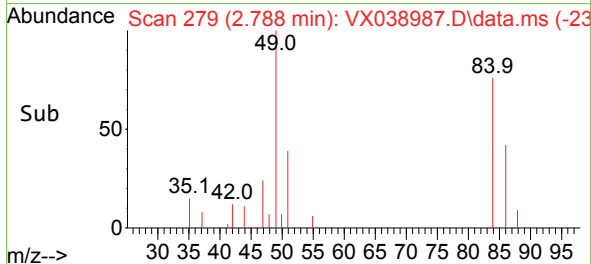
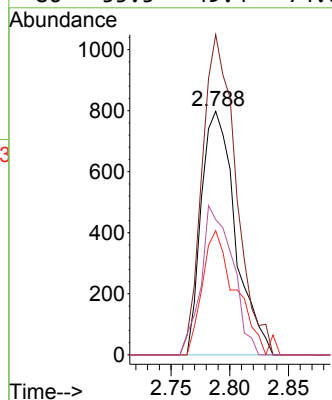
#20
Methylene Chloride
Concen: 1.024 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1604

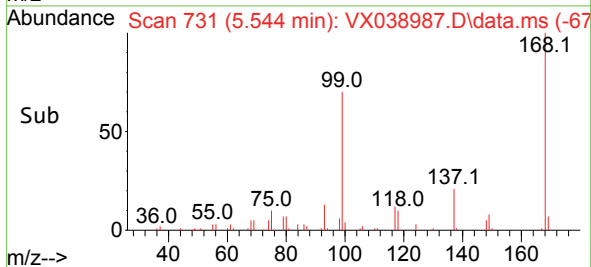
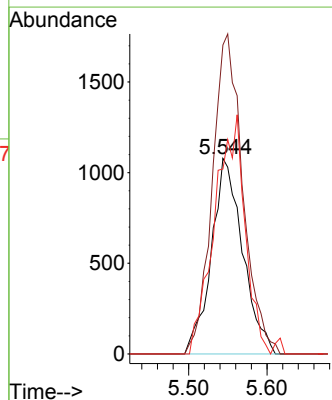
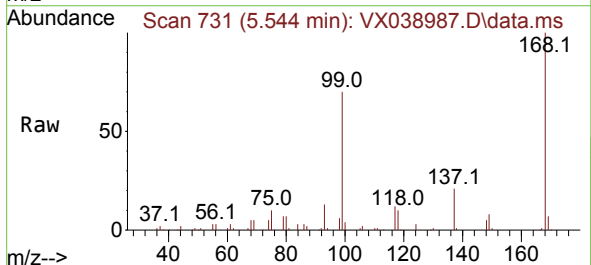
Ion	Ratio	Lower	Upper
84	100		
49	131.5	103.6	155.4
51	51.0	33.8	50.6#
86	55.5	49.4	74.0



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Tgt Ion: 56 Resp: 2996

Ion	Ratio	Lower	Upper
56	100		
69	158.1	23.4	35.2#
84	94.6	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 52.625 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038987.D

Acq: 21 Nov 2023 16:12

Instrument :

MSVOA_X

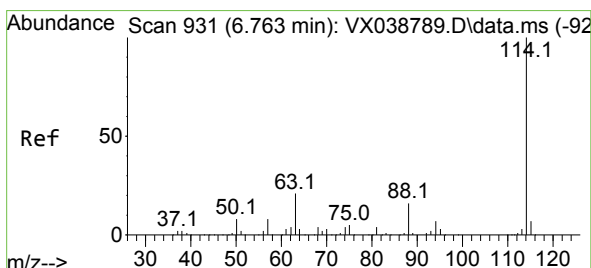
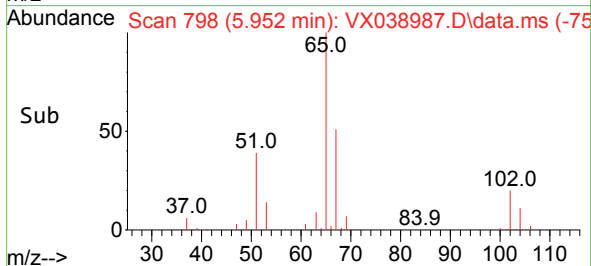
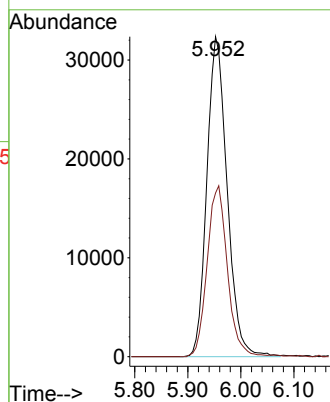
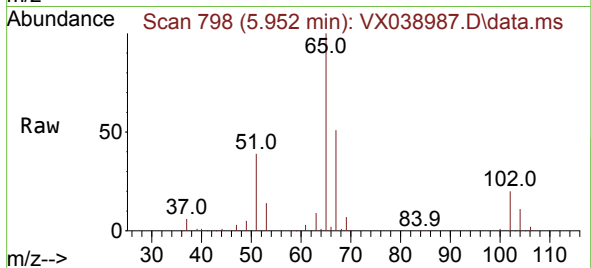
ClientSampleId :

Tgt Ion: 65 Resp: 85901

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038987.D

Acq: 21 Nov 2023 16:12

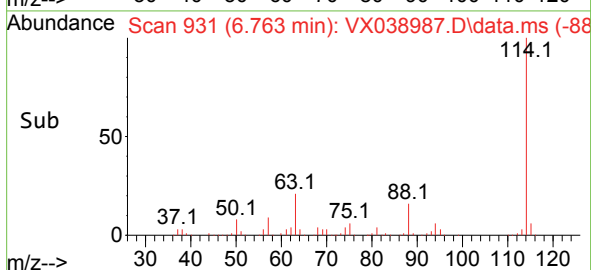
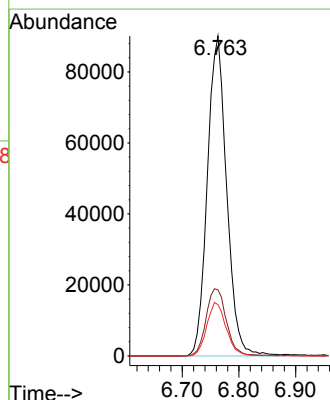
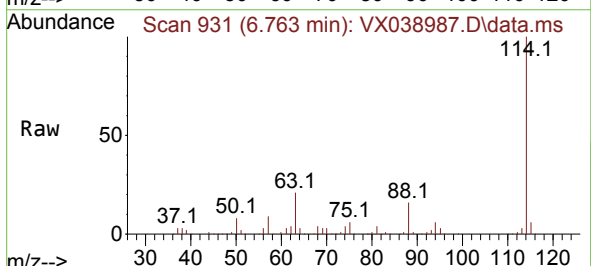
Tgt Ion:114 Resp: 213475

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

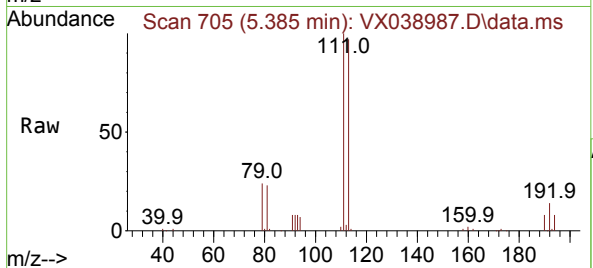
88 16.1 0.0 36.6



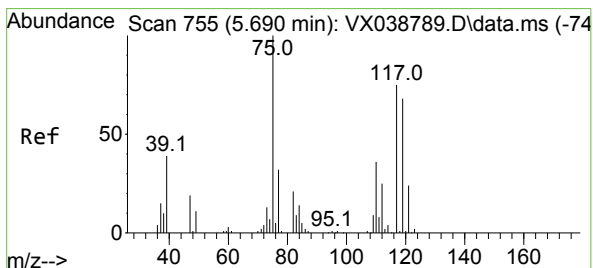
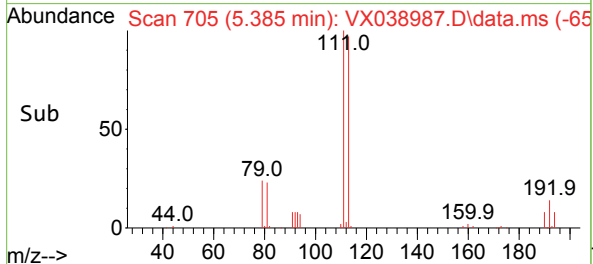
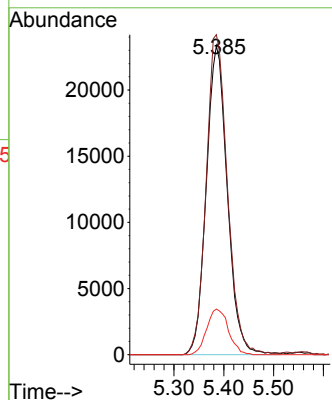


#35
Dibromofluoromethane
Concen: 44.287 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

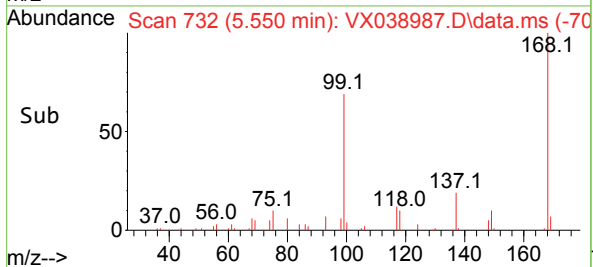
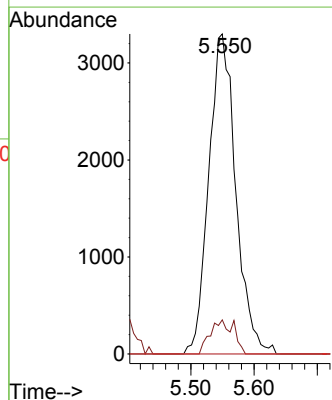
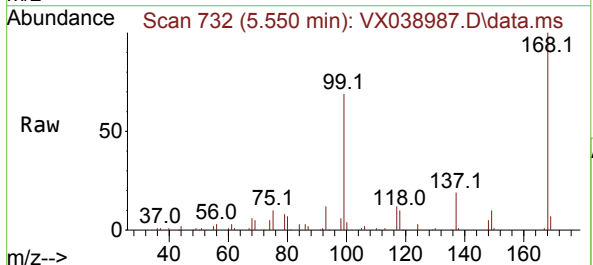


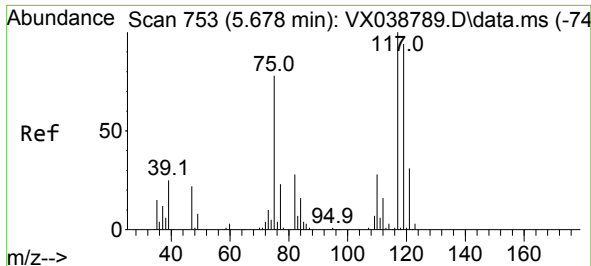
Tgt Ion:113 Resp: 68281
Ion Ratio Lower Upper
113 100
111 105.0 82.9 124.3
192 15.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

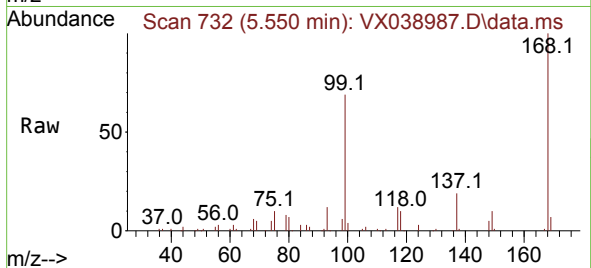
Tgt Ion: 75 Resp: 9781
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



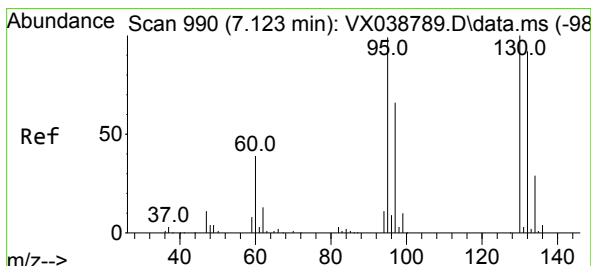
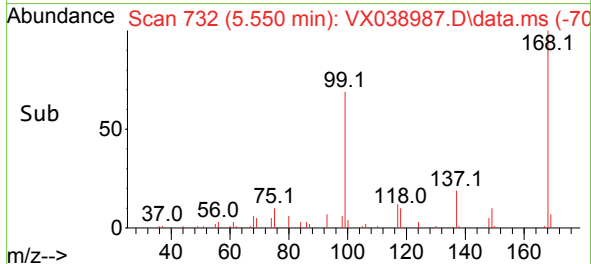
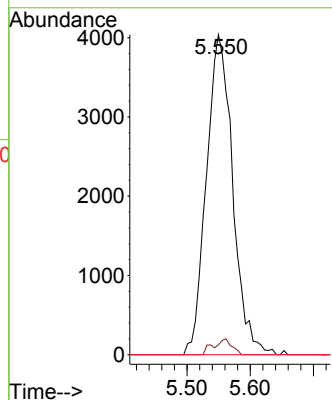


#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

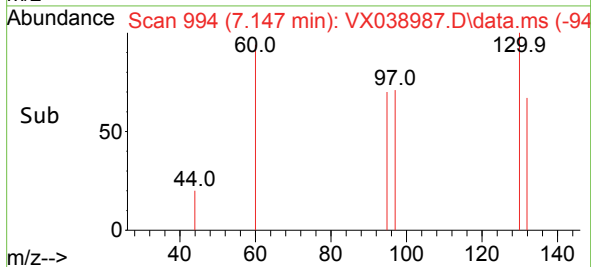
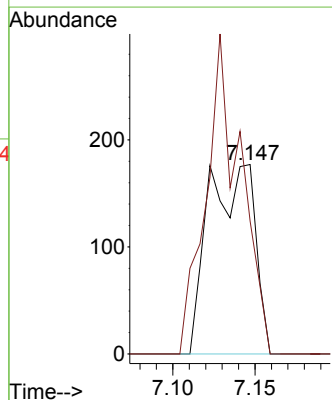
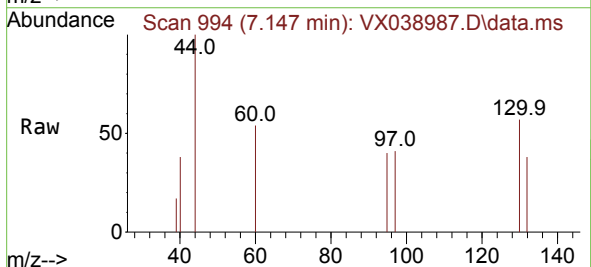


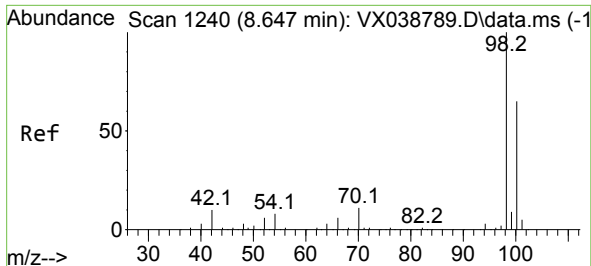
Tgt Ion:117 Resp: 11656
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.217 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.024 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Tgt Ion:130 Resp: 346
Ion Ratio Lower Upper
130 100
95 70.1 0.0 204.4

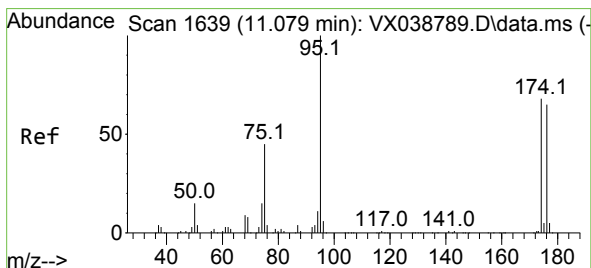
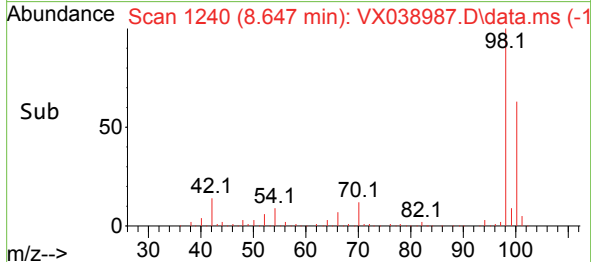
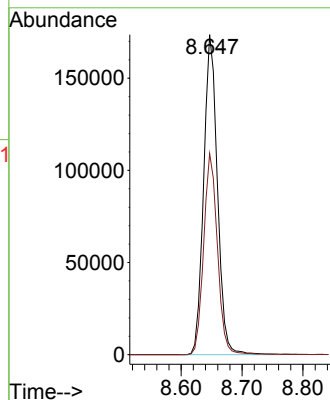
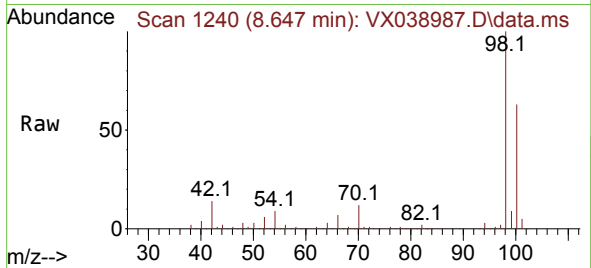




#50
Toluene-d8
Concen: 46.271 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

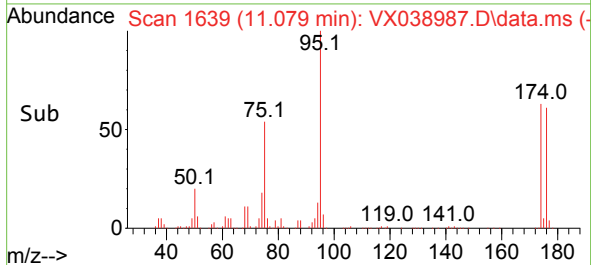
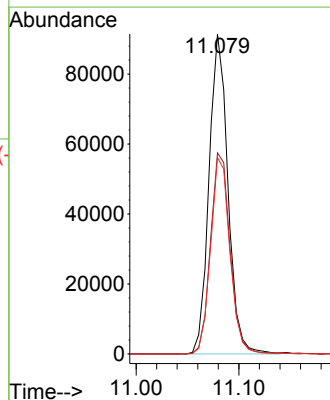
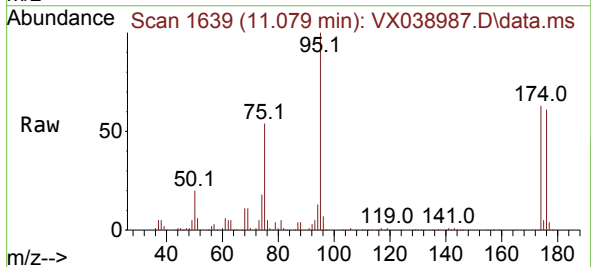
Instrument :
MSVOA_X
ClientSampleId :

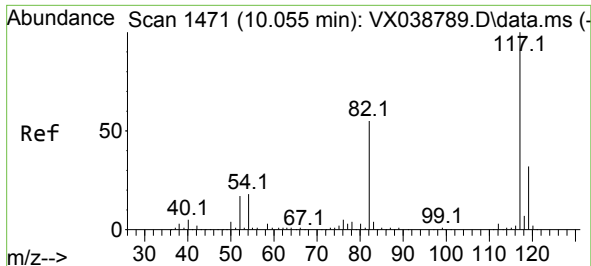
Tgt Ion: 98 Resp: 272946
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

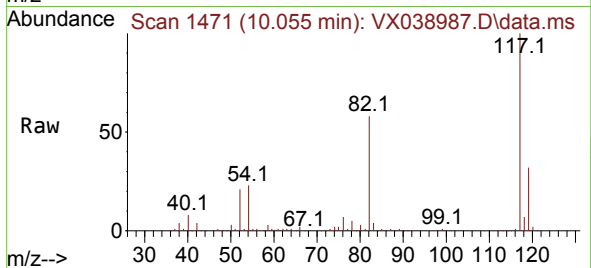
Tgt Ion: 95 Resp: 117094
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.6
176 62.8 0.0 131.0



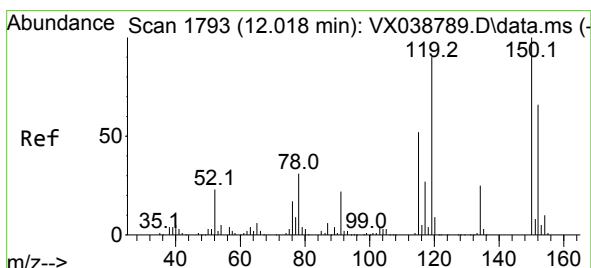
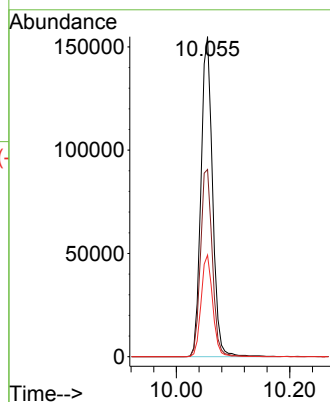
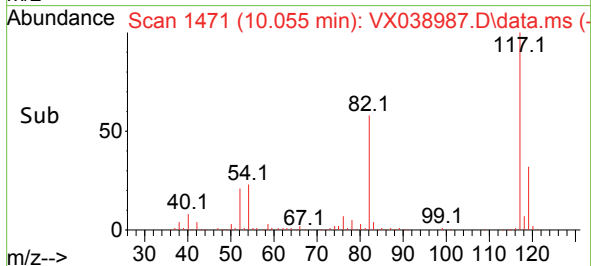


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

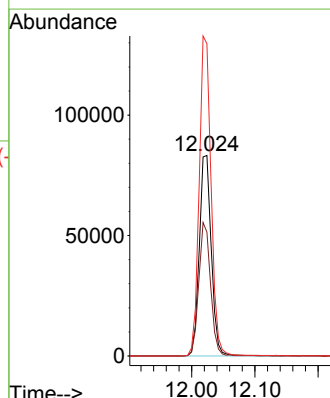
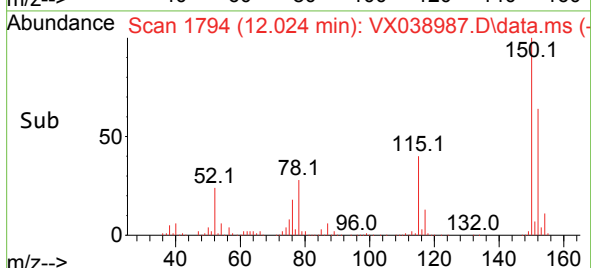
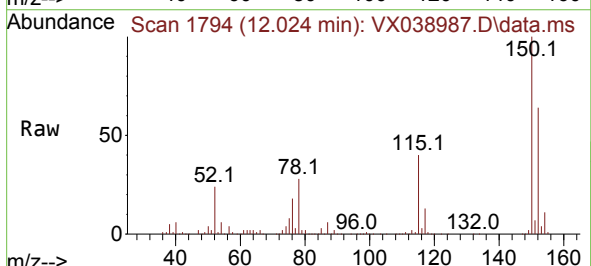


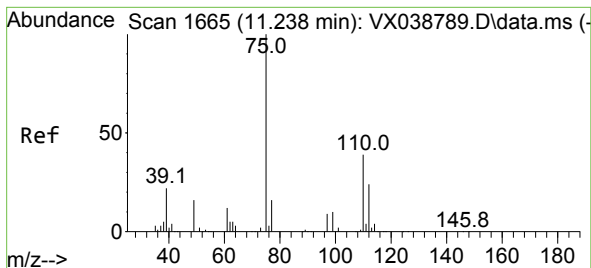
Tgt Ion:117 Resp: 218990
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Tgt Ion:152 Resp: 110178
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 157.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.837 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038987.D

Acq: 21 Nov 2023 16:12

Instrument :

MSVOA_X

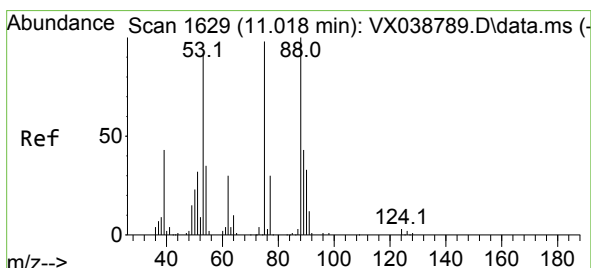
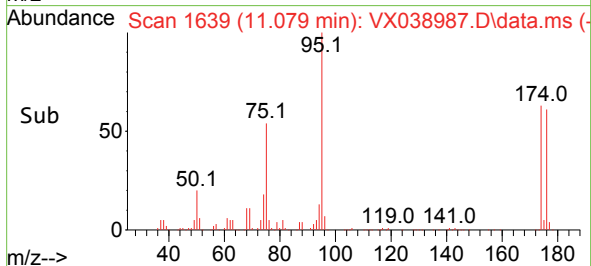
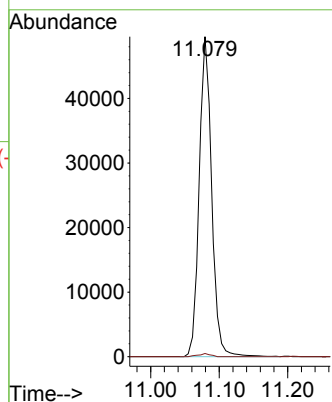
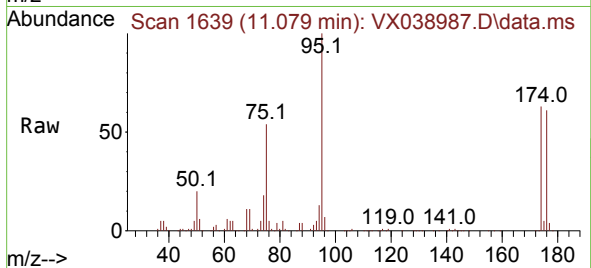
ClientSampleId :

Tgt Ion: 75 Resp: 62778

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.655 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038987.D

Acq: 21 Nov 2023 16:12

Tgt Ion: 75 Resp: 62778

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

