

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031551.D
 Acq On : 16 Jun 2023 00:15
 Operator : SY/MD
 Sample : 03254-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW7

Quant Time: Jun 16 06:18:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

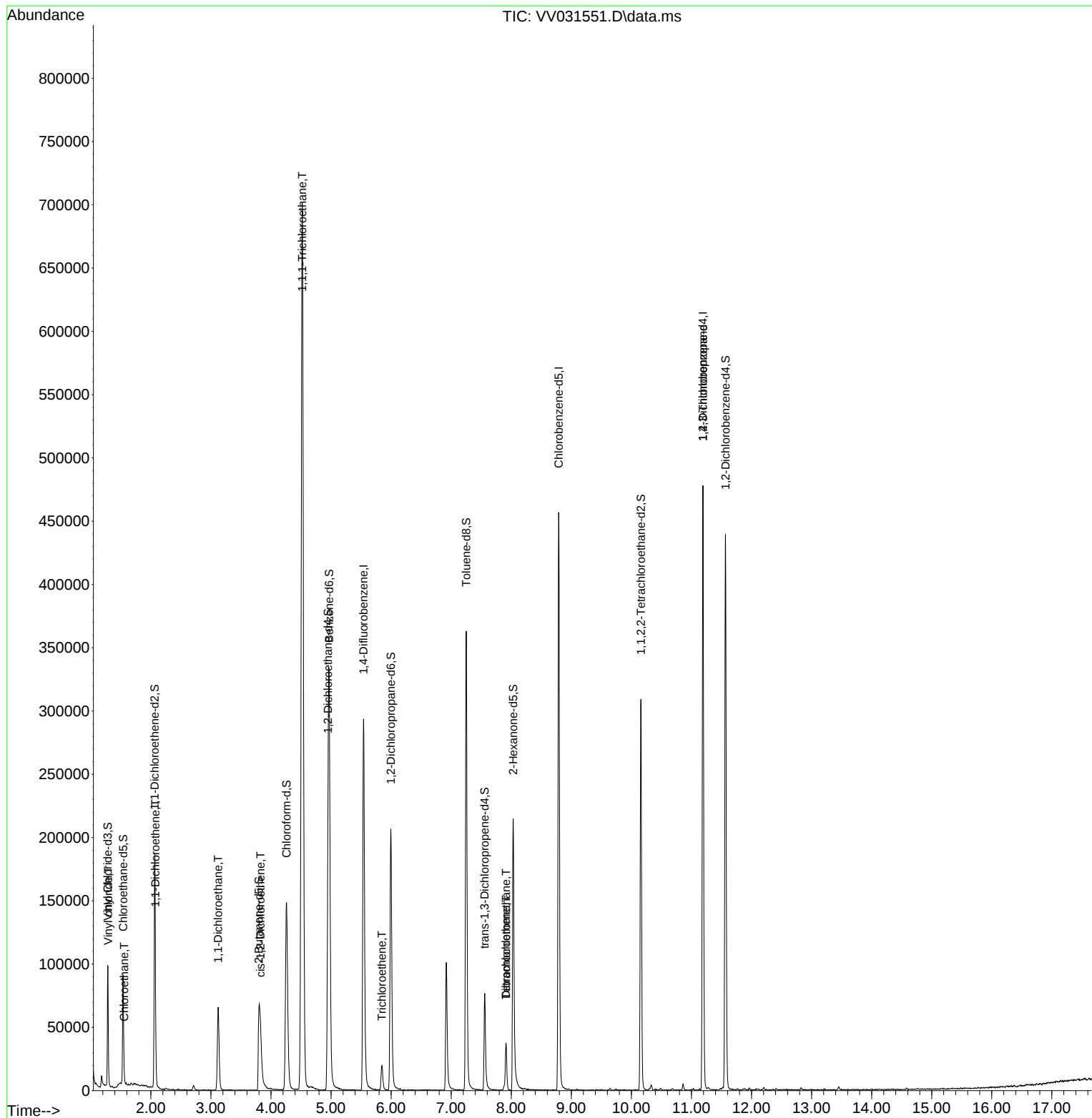
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	243743	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	239898	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	117131	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	58667	36.165	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.340%		
7) Chloroethane-d5	1.539	69	56577	39.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.940%		
11) 1,1-Dichloroethene-d2	2.066	65	31605	37.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.600%		
21) 2-Butanone-d5	3.799	46	109344	83.244	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.240%		
24) Chloroform-d	4.259	84	165820	40.816	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.640%		
26) 1,2-Dichloroethane-d4	4.950	65	112014	44.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.140%		
32) Benzene-d6	4.969	84	288502	42.725	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.440%		
36) 1,2-Dichloropropane-d6	5.995	67	102250	42.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.440%		
41) Toluene-d8	7.249	98	242140	39.076	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.160%#		
43) trans-1,3-Dichloroprop...	7.558	79	46325	39.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.400%		
47) 2-Hexanone-d5	8.034	63	77524	82.039	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.040%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	146981	40.687	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.380%		
66) 1,2-Dichlorobenzene-d4	11.567	152	108197	48.460	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.920%		
Target Compounds						
5) Vinyl chloride	1.288	62	5877	2.430	ug/L	85
8) Chloroethane	1.555	64	2056	1.316	ug/L #	78
12) 1,1-Dichloroethene	2.076	96	2782	1.543	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	66960	16.480	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	12357	6.074	ug/L	95
30) 1,1,1-Trichloroethane	4.519	97	610999	158.855	ug/L	99
34) Trichloroethene	5.847	95	7207	3.377	ug/L	89
46) Tetrachloroethene	7.915	164	8630	5.152	ug/L	91
49) Dibromochloromethane	7.911	129	8166	3.316	ug/L #	9
61) 1,2,3-Trichloropropane	11.191	75	14675	6.343	ug/L #	66

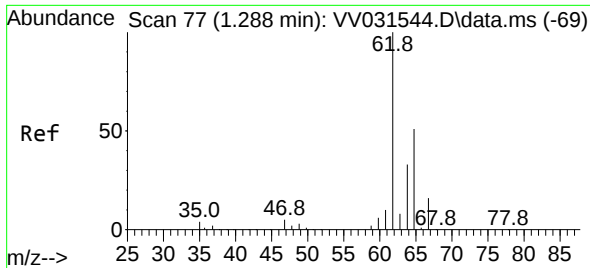
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031551.D
Acq On : 16 Jun 2023 00:15
Operator : SY/MD
Sample : 03254-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYW7

Quant Time: Jun 16 06:18:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 16 05:51:14 2023
Response via : Initial Calibration

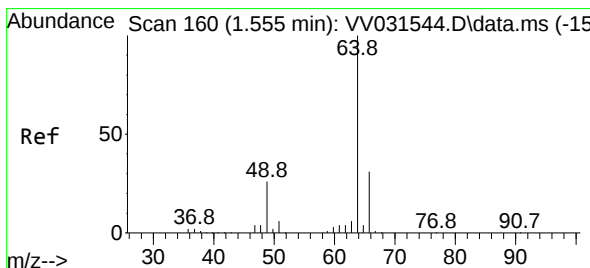
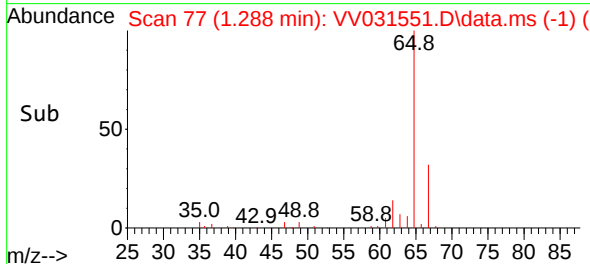
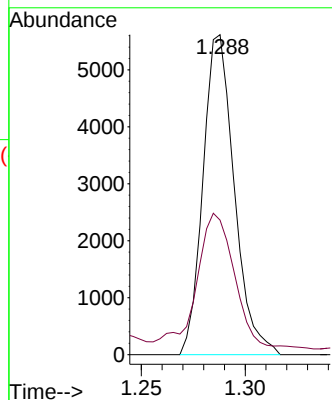
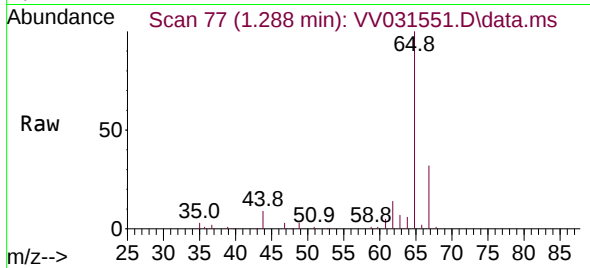




#5
 Vinyl chloride
 Concen: 2.430 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV031551.D
 Acq: 16 Jun 2023 00:15

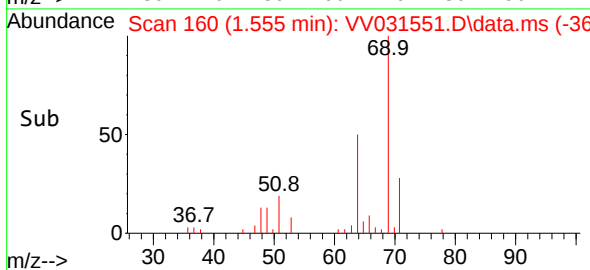
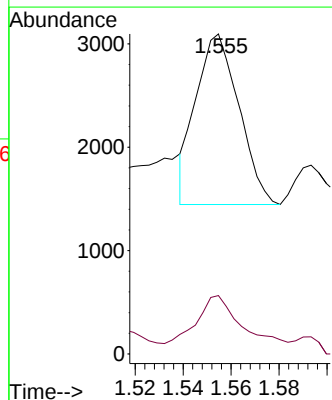
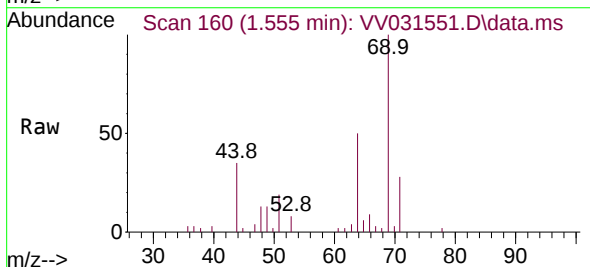
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW7

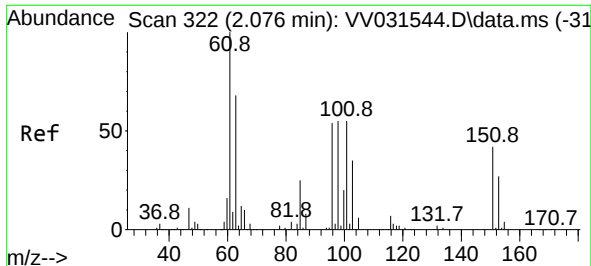
Tgt Ion: 62 Resp: 5877
 Ion Ratio Lower Upper
 62 100
 64 42.1 23.4 43.4



#8
 Chloroethane
 Concen: 1.316 ug/L
 RT: 1.555 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VV031551.D
 Acq: 16 Jun 2023 00:15

Tgt Ion: 64 Resp: 2056
 Ion Ratio Lower Upper
 64 100
 66 18.2 21.0 39.0#





#12

1,1-Dichloroethene

Concen: 1.543 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031551.D

Acq: 16 Jun 2023 00:15

Instrument :

MSVOA_V

ClientSampleId :

EXYW7

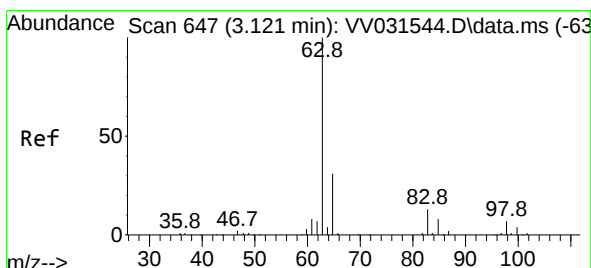
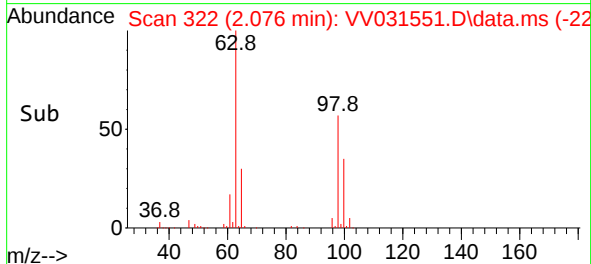
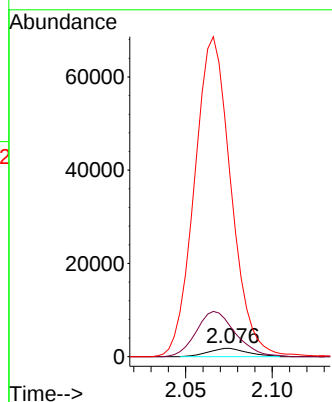
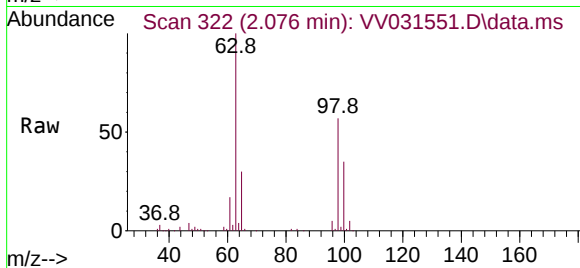
Tgt Ion: 96 Resp: 2782

Ion Ratio Lower Upper

96 100

61 368.0 128.9 239.5#

63 2174.0 95.3 177.1#



#19

1,1-Dichloroethane

Concen: 16.480 ug/L

RT: 3.121 min Scan# 647

Delta R.T. -0.000 min

Lab File: VV031551.D

Acq: 16 Jun 2023 00:15

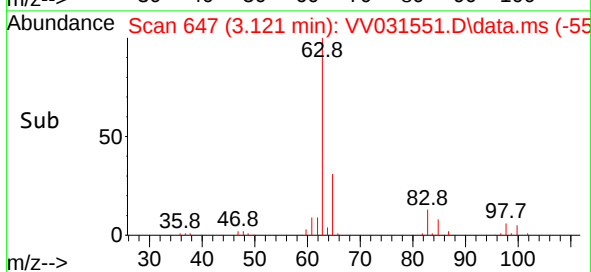
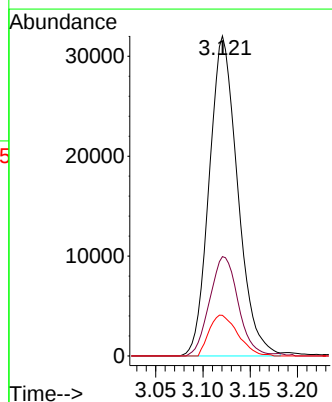
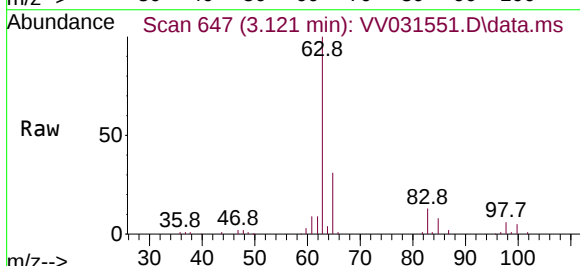
Tgt Ion: 63 Resp: 66960

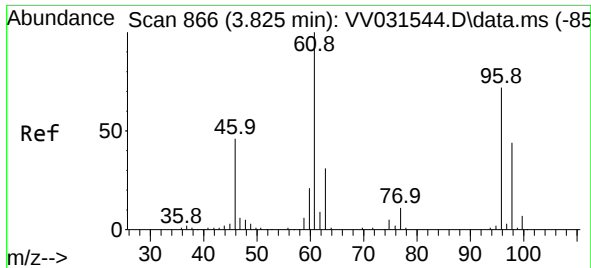
Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.7

83 13.3 10.0 18.6

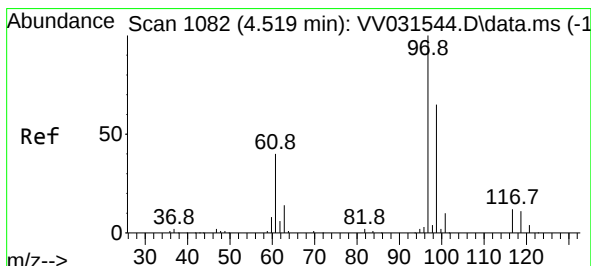
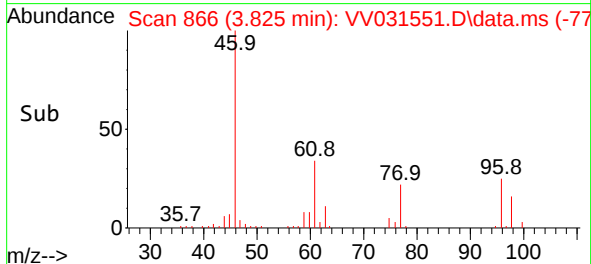
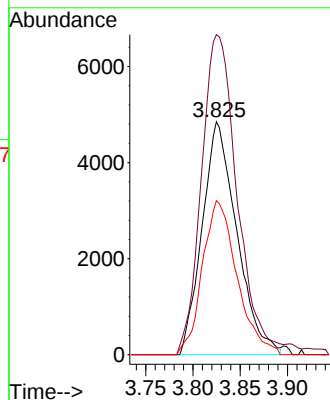
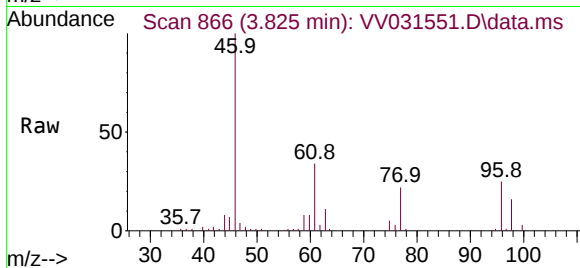




#20
 cis-1,2-Dichloroethene
 Concen: 6.074 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VV031551.D
 Acq: 16 Jun 2023 00:15

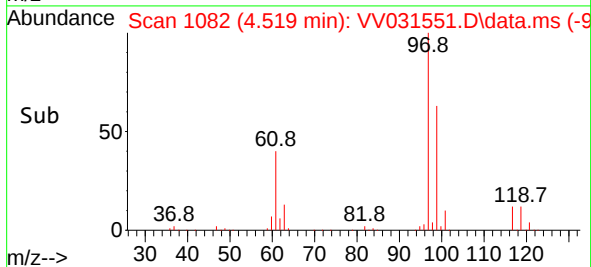
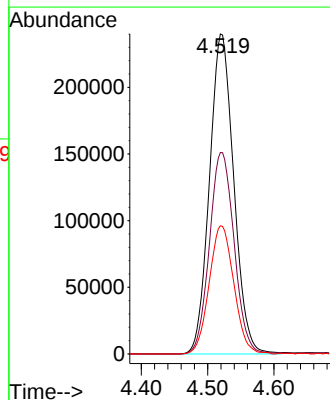
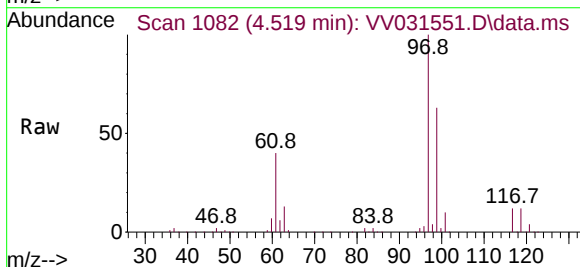
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW7

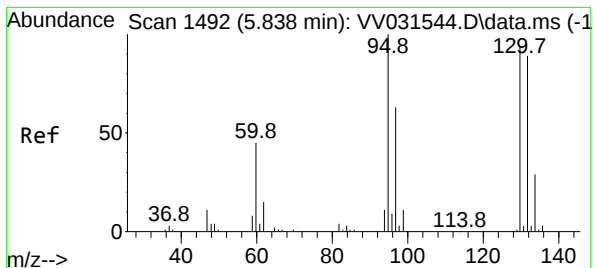
Tgt Ion: 96 Resp: 12357
 Ion Ratio Lower Upper
 96 100
 61 132.9 98.6 183.0
 98 63.9 45.7 84.9



#30
 1,1,1-Trichloroethane
 Concen: 158.855 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. -0.000 min
 Lab File: VV031551.D
 Acq: 16 Jun 2023 00:15

Tgt Ion: 97 Resp: 610999
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.8 77.6
 61 40.7 33.0 49.6





#34

Trichloroethene

Concen: 3.377 ug/L

RT: 5.847 min Scan# 1492

Delta R.T. 0.010 min

Lab File: VV031551.D

Acq: 16 Jun 2023 00:15

Instrument :

MSVOA_V

ClientSampleId :

EXYW7

Tgt Ion: 95 Resp: 7207

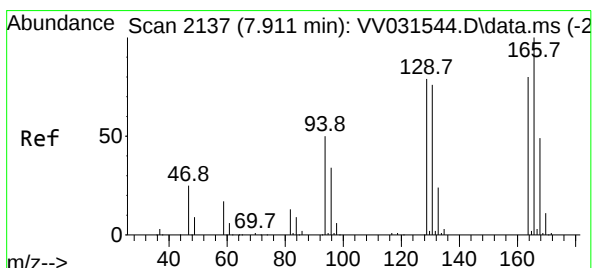
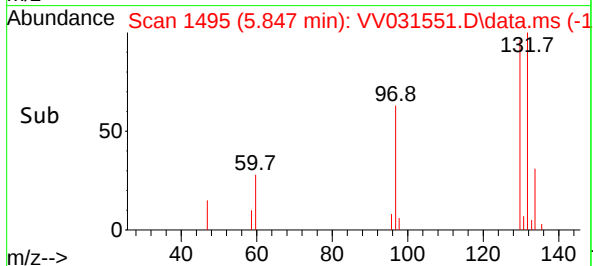
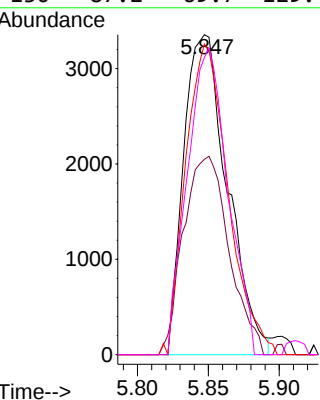
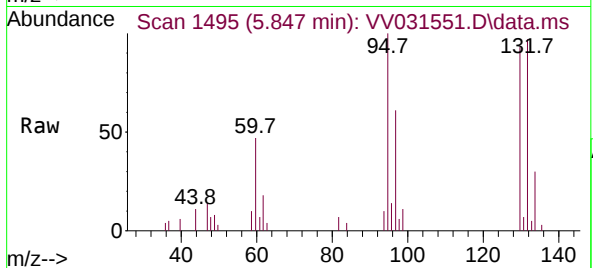
Ion Ratio Lower Upper

95 100

97 58.3 46.8 86.8

132 84.8 66.4 123.2

130 87.2 69.7 129.4



#46

Tetrachloroethene

Concen: 5.152 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031551.D

Acq: 16 Jun 2023 00:15

Tgt Ion: 164 Resp: 8630

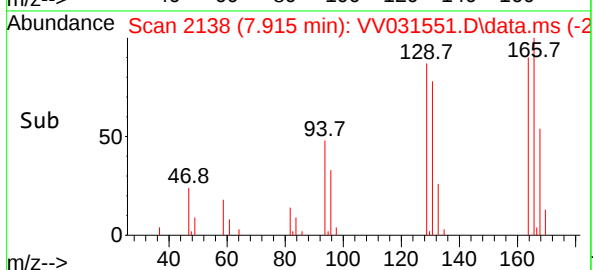
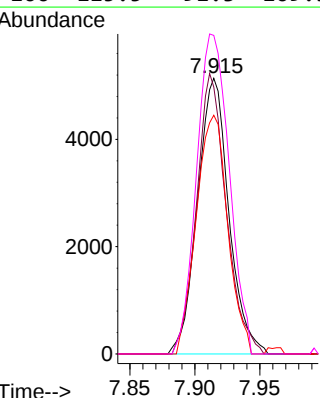
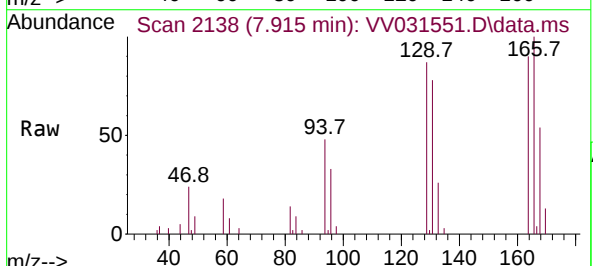
Ion Ratio Lower Upper

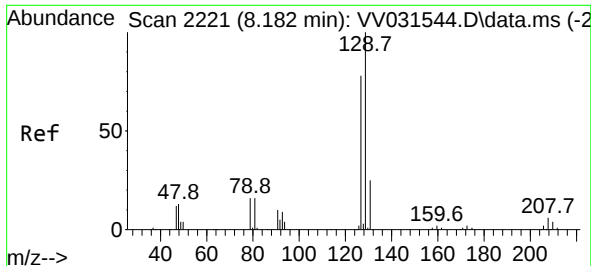
164 100

129 99.2 68.4 127.0

131 86.6 67.6 125.6

166 115.5 91.3 169.5





#49

Dibromochloromethane

Concen: 3.316 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031551.D

Acq: 16 Jun 2023 00:15

Instrument :

MSVOA_V

ClientSampleId :

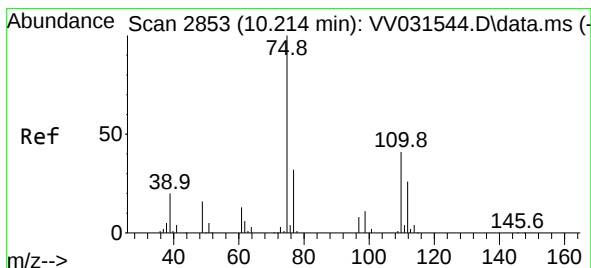
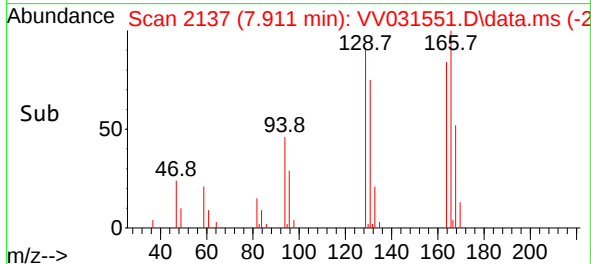
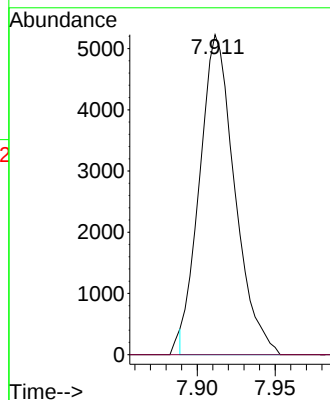
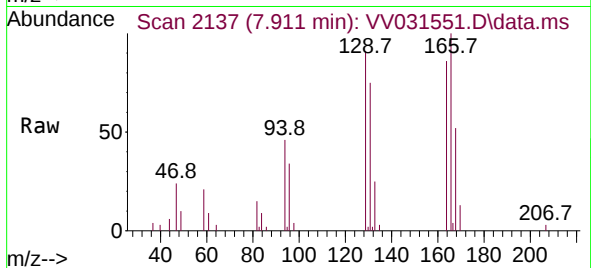
EXYW7

Tgt Ion:129 Resp: 8166

Ion Ratio Lower Upper

129 100

127 0.0 55.8 103.6#



#61

1,2,3-Trichloropropane

Concen: 6.343 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.977 min

Lab File: VV031551.D

Acq: 16 Jun 2023 00:15

Tgt Ion: 75 Resp: 14675

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

110 1.9 31.3 46.9#

