

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061923\
 Data File : VV031596.D
 Acq On : 19 Jun 2023 12:14
 Operator : SY/MD
 Sample : 03249-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT5

Quant Time: Jun 20 01:56:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

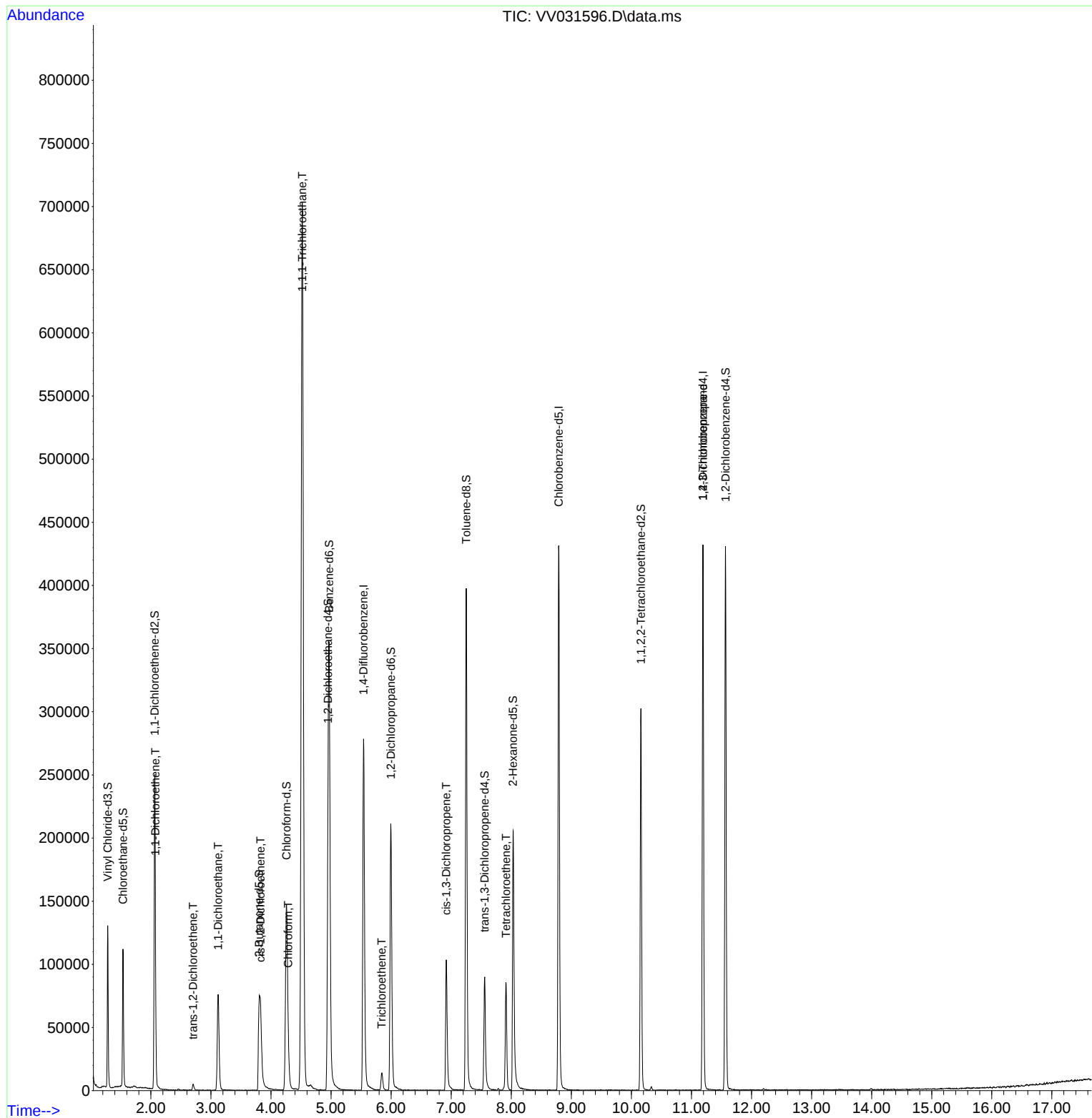
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	228574	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	229083	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112131	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	83521	54.904	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.800%			
7) Chloroethane-d5	1.536	69	71454	53.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.660%			
11) 1,1-Dichloroethene-d2	2.063	65	40804	52.045	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.080%			
21) 2-Butanone-d5	3.802	46	96080	78.001	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 78.000%			
24) Chloroform-d	4.259	84	163129	42.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.640%			
26) 1,2-Dichloroethane-d4	4.950	65	108500	45.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.040%			
32) Benzene-d6	4.969	84	315878	48.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.980%			
36) 1,2-Dichloropropane-d6	5.995	67	106085	46.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.840%			
41) Toluene-d8	7.249	98	270138	45.653	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.300%			
43) trans-1,3-Dichloroprop...	7.558	79	48682	43.695	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.380%			
47) 2-Hexanone-d5	8.030	63	72725	80.594	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.590%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	143167	41.502	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.000%			
66) 1,2-Dichlorobenzene-d4	11.567	152	107693	50.385	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.760%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.076	96	9957	5.887	ug/L #	1
17) trans-1,2-Dichloroethene	2.703	96	2147	1.216	ug/L	79
19) 1,1-Dichloroethane	3.121	63	79772	20.936	ug/L	99
20) cis-1,2-Dichloroethene	3.828	96	22862	11.983	ug/L	95
25) Chloroform	4.285	83	15629	3.946	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	616103	167.744	ug/L	99
34) Trichloroethene	5.844	95	5041	2.473	ug/L	87
39) cis-1,3-Dichloropropene	6.918	75	2856	0.859	ug/L #	72
46) Tetrachloroethene	7.911	164	18922	11.829	ug/L	97
61) 1,2,3-Trichloropropane	11.191	75	12763	5.763	ug/L #	62

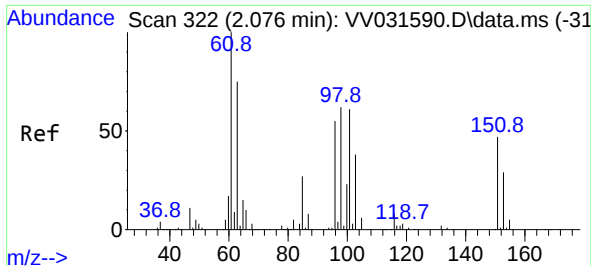
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061923\
Data File : VV031596.D
Acq On : 19 Jun 2023 12:14
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Quant Time: Jun 20 01:56:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 17 02:08:04 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.887 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031596.D

Acq: 19 Jun 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

EXYT5

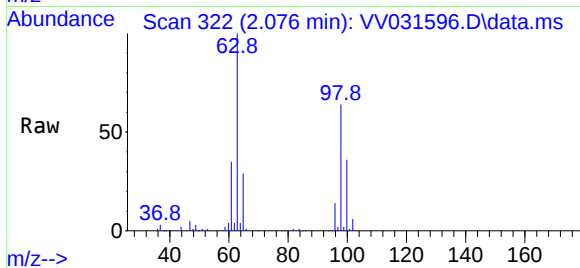
Tgt Ion: 96 Resp: 9957

Ion Ratio Lower Upper

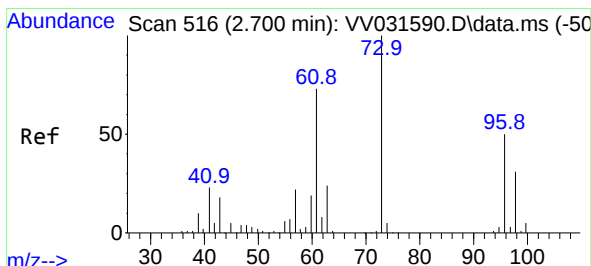
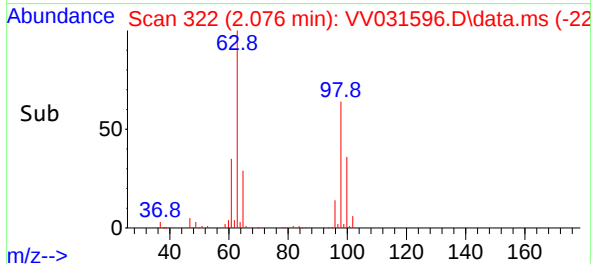
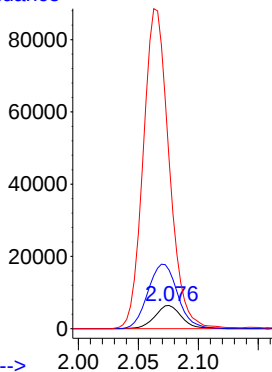
96 100

61 252.3 128.9 239.5#

63 725.3 95.3 177.1#



Abundance



#17

trans-1,2-Dichloroethene

Concen: 1.216 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV031596.D

Acq: 19 Jun 2023 12:14

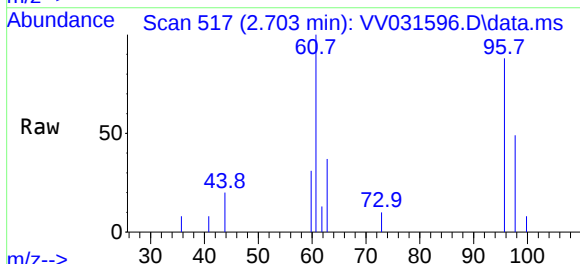
Tgt Ion: 96 Resp: 2147

Ion Ratio Lower Upper

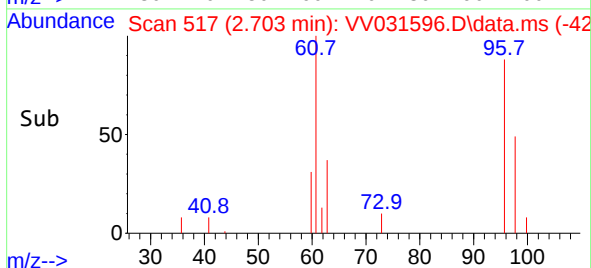
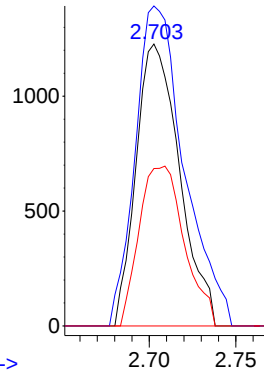
96 100

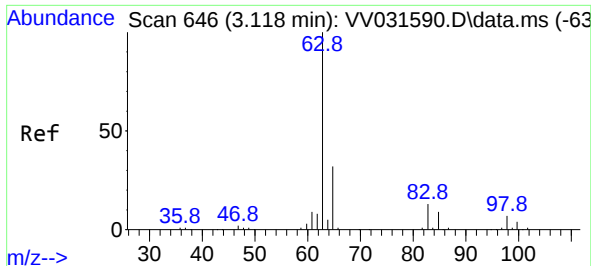
61 113.5 102.5 190.3

98 55.8 44.1 81.9



Abundance





#19

1,1-Dichloroethane

Concen: 20.936 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031596.D

Acq: 19 Jun 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

EXYT5

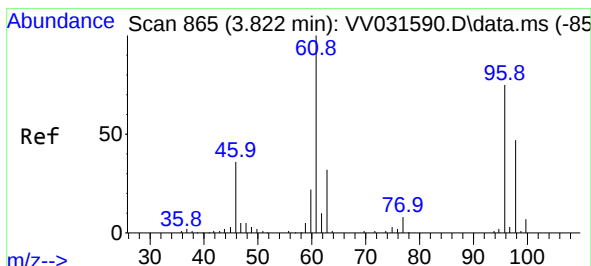
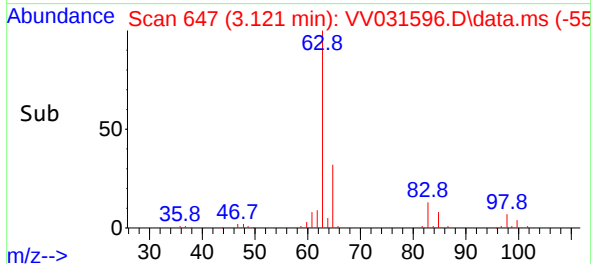
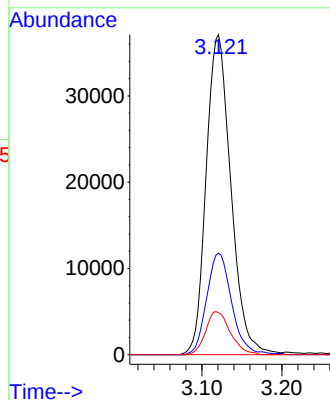
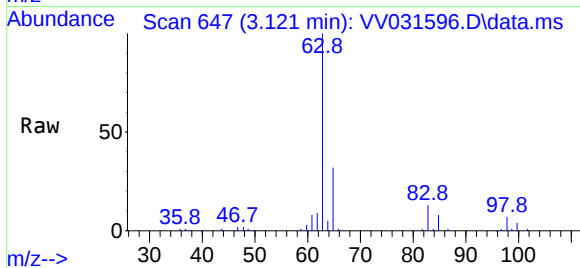
Tgt Ion: 63 Resp: 79772

Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.7

83 13.1 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 11.983 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV031596.D

Acq: 19 Jun 2023 12:14

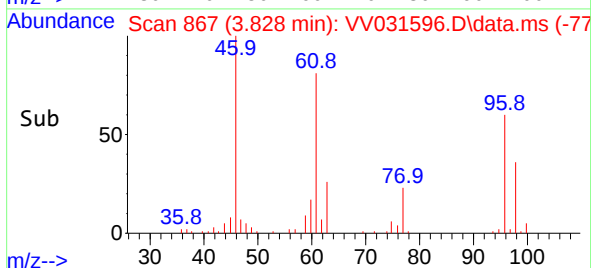
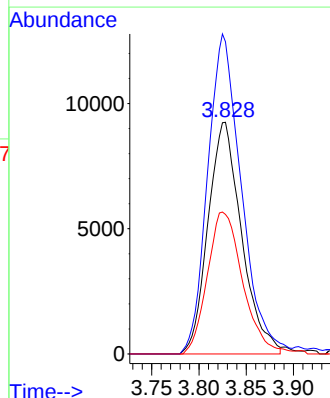
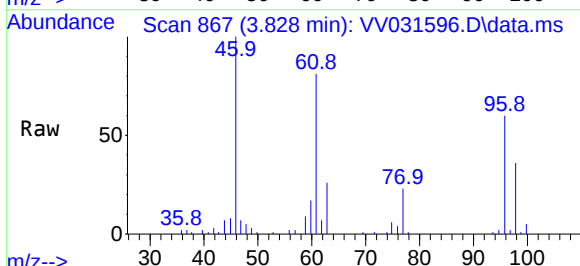
Tgt Ion: 96 Resp: 22862

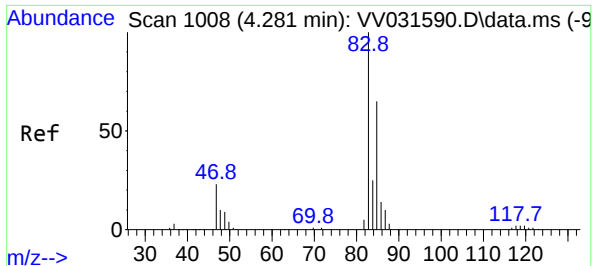
Ion Ratio Lower Upper

96 100

61 134.8 98.6 183.0

98 60.2 45.7 84.9





#25

Chloroform

Concen: 3.946 ug/L

RT: 4.285 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV031596.D

Acq: 19 Jun 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

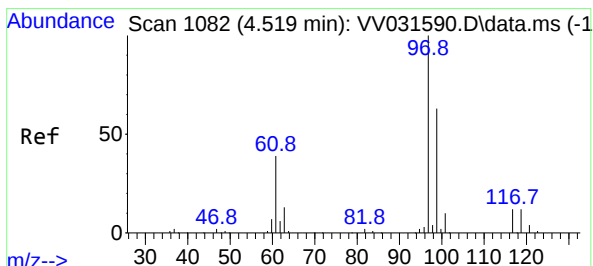
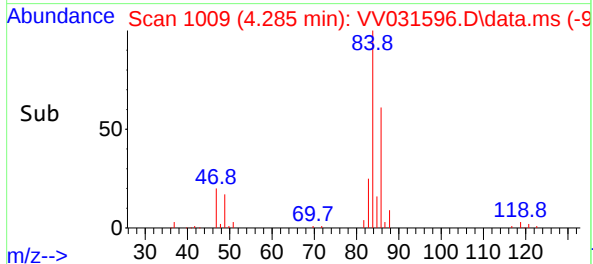
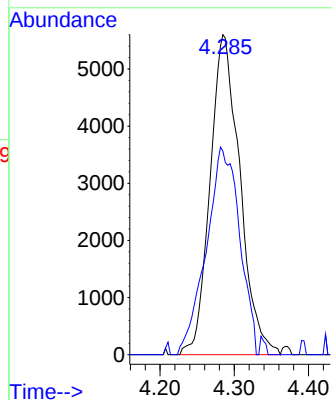
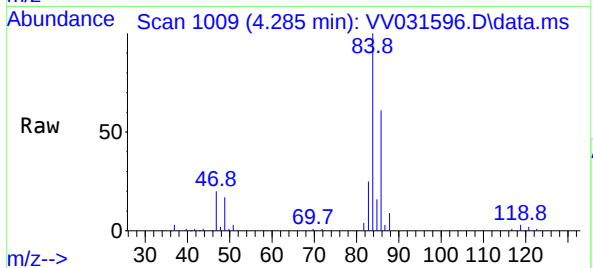
EXYT5

Tgt Ion: 83 Resp: 15629

Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1



#30

1,1,1-Trichloroethane

Concen: 167.744 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV031596.D

Acq: 19 Jun 2023 12:14

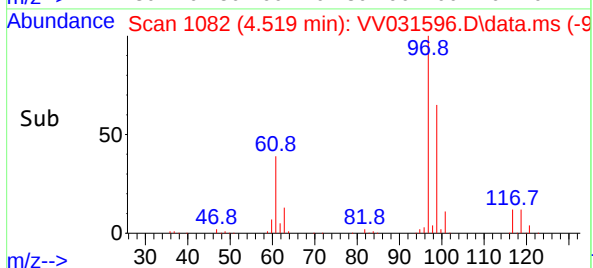
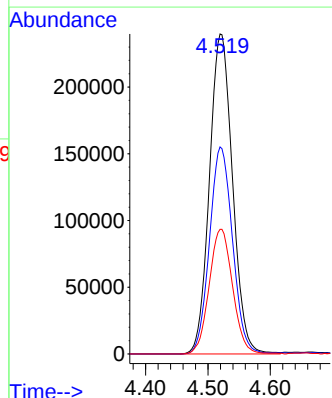
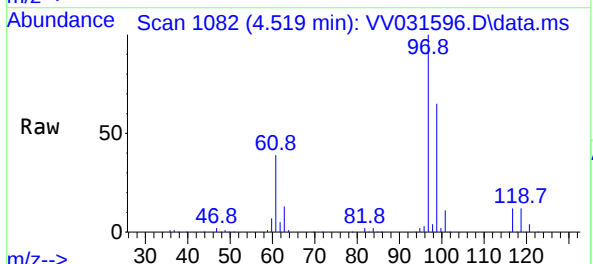
Tgt Ion: 97 Resp: 616103

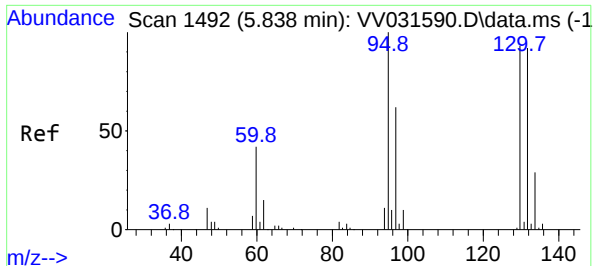
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 39.5 33.0 49.6



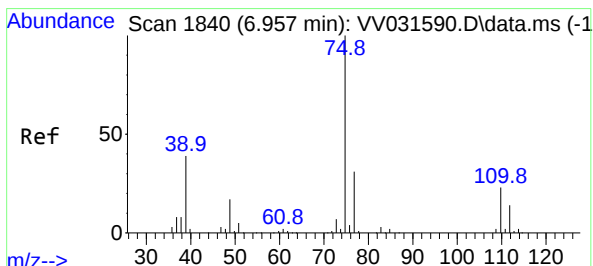
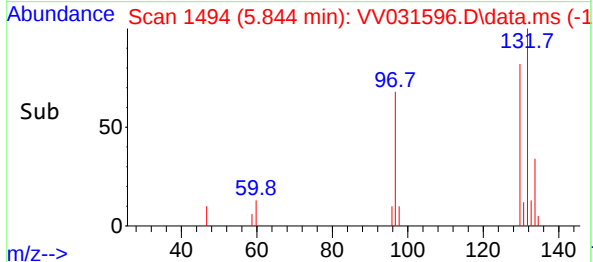
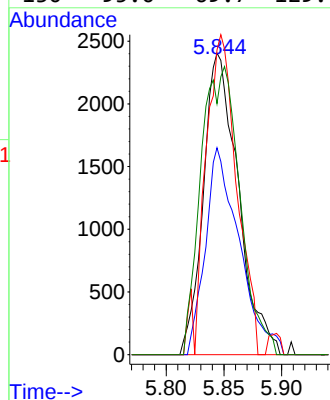
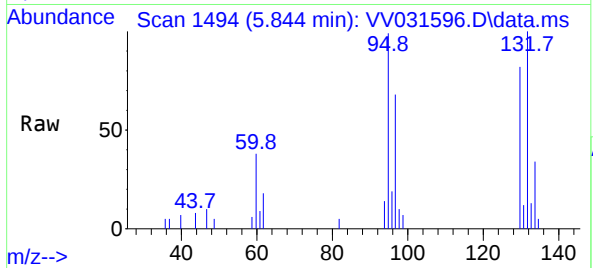


#34
Trichloroethene
Concen: 2.473 ug/L
RT: 5.844 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV031596.D
Acq: 19 Jun 2023 12:14

Instrument :
MSVOA_V
ClientSampleId :
EXYT5

Tgt Ion: 95 Resp: 5041

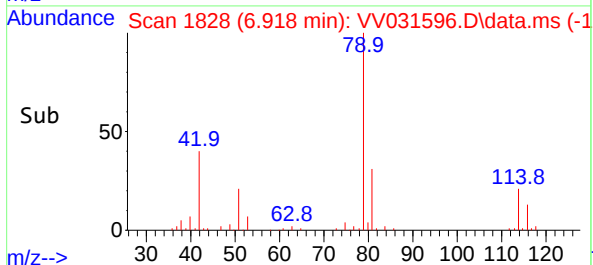
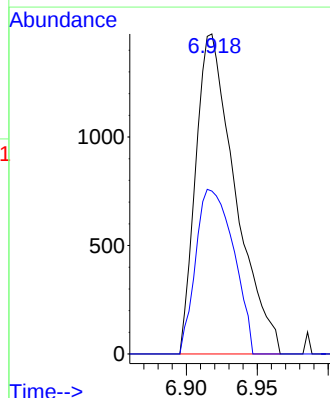
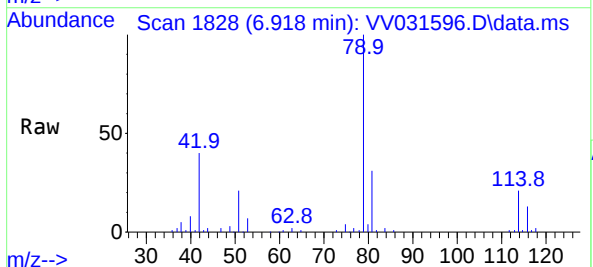
Ion	Ratio	Lower	Upper
95	100		
97	78.8	46.8	86.8
132	114.5	66.4	123.2
130	95.0	69.7	129.4

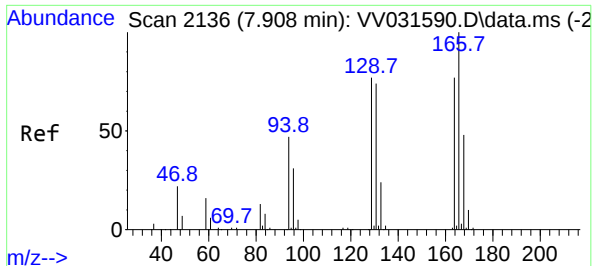


#39
cis-1,3-Dichloropropene
Concen: 0.859 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.042 min
Lab File: VV031596.D
Acq: 19 Jun 2023 12:14

Tgt Ion: 75 Resp: 2856

Ion	Ratio	Lower	Upper
75	100		
77	46.4	21.8	40.6#





#46

Tetrachloroethene

Concen: 11.829 ug/L

RT: 7.911 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031596.D

Acq: 19 Jun 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

EXYT5

Tgt Ion:164 Resp: 18922

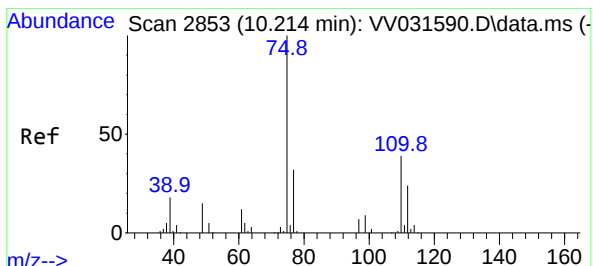
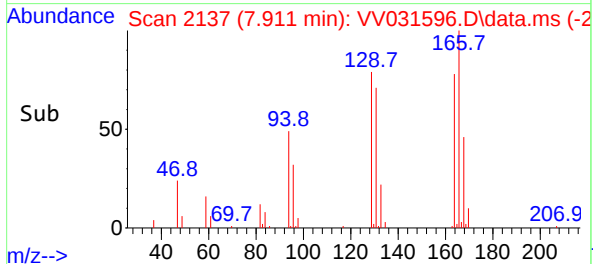
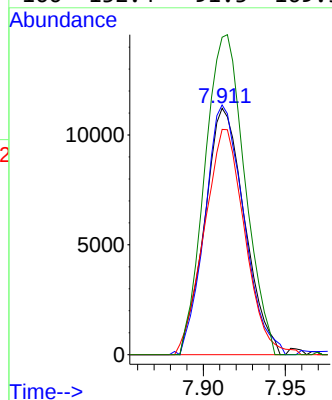
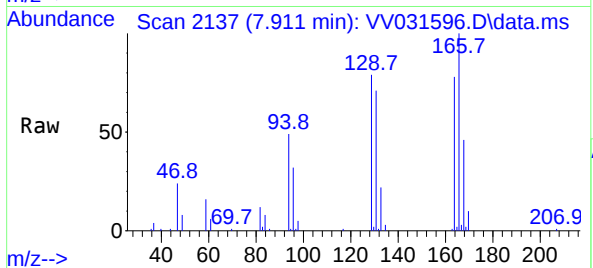
Ion Ratio Lower Upper

164 100

129 103.5 68.4 127.0

131 93.2 67.6 125.6

166 132.4 91.3 169.5



#61

1,2,3-Trichloropropane

Concen: 5.763 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.977 min

Lab File: VV031596.D

Acq: 19 Jun 2023 12:14

Tgt Ion: 75 Resp: 12763

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.0

110 1.2 31.3 46.9#

