

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061923\
 Data File : VW031596.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)

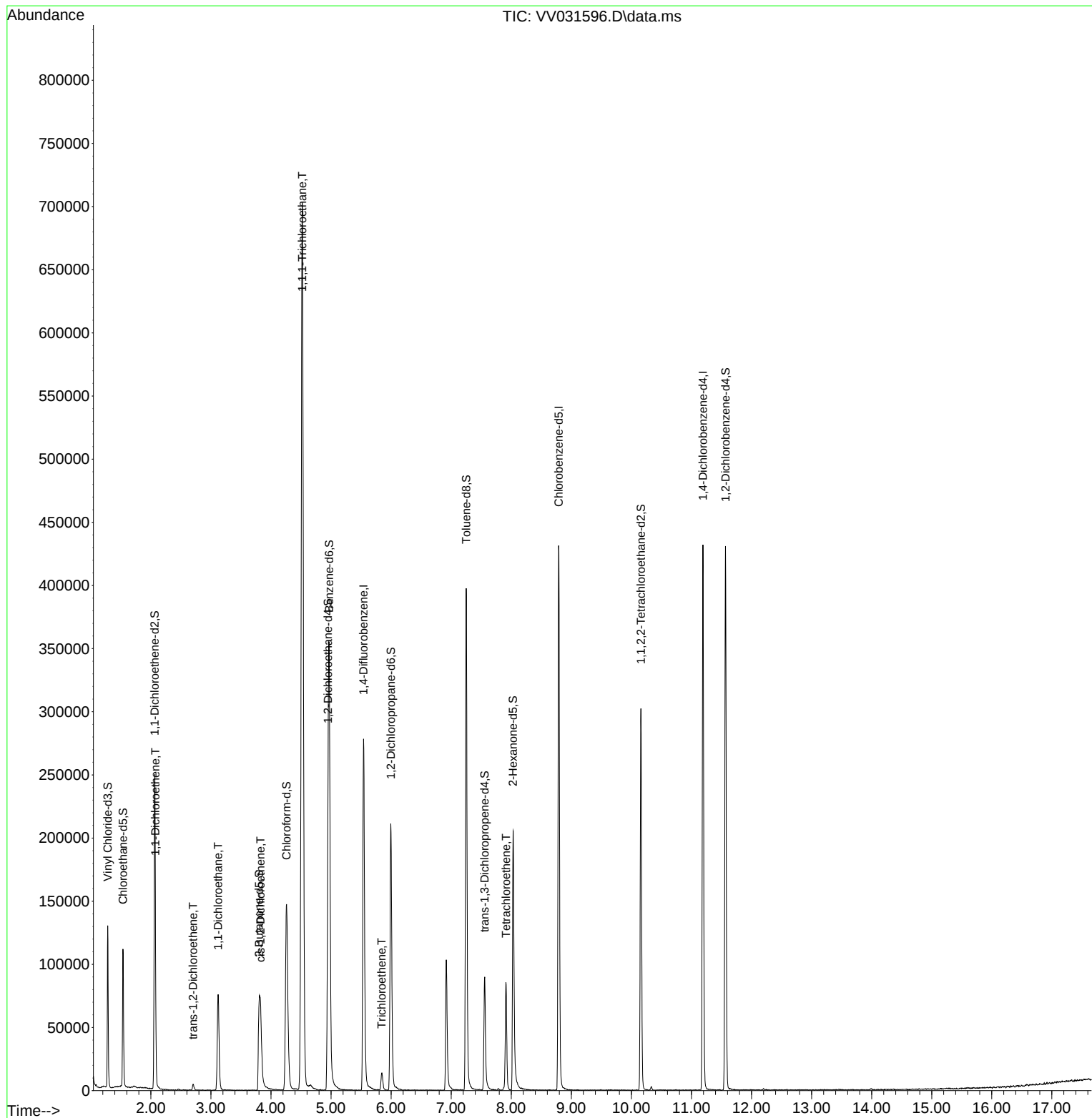
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	228574	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	229083	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112131	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	83521	54.904	ug/L	0.00
Spiked Amount 50.000	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						
12) 1,1-Dichloroethene	2.076	96	9957	5.887	ug/L	Qvalue # 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
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
46) Tetrachloroethene	7.911	164	18922	11.829	ug/L	97

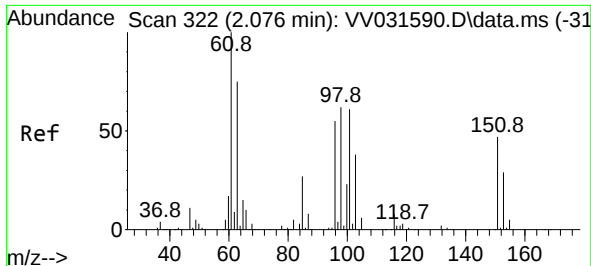
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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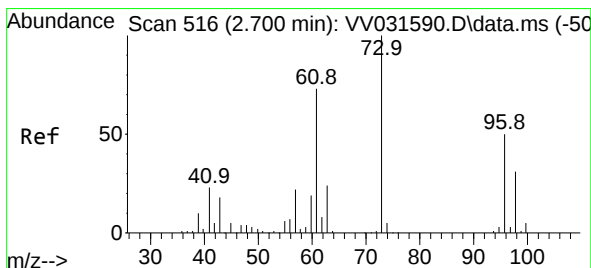
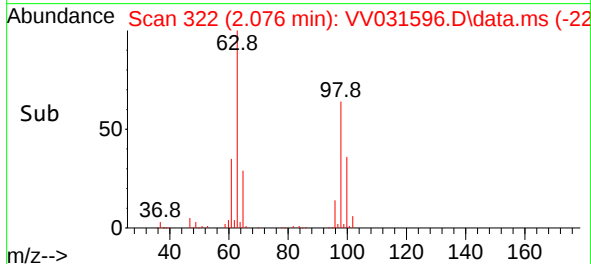
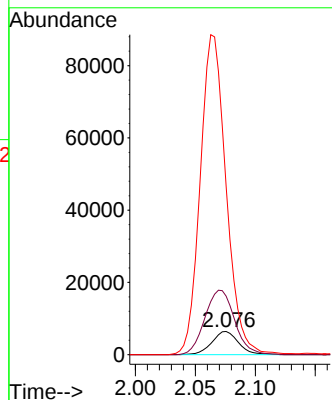
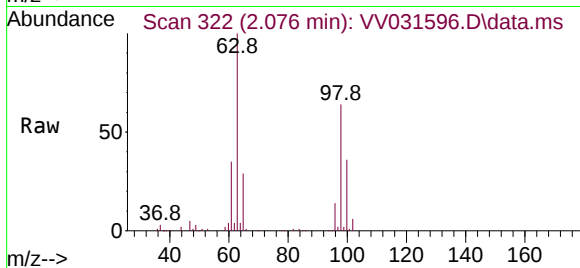




#12
1,1-Dichloroethene
Concen: 5.887 ug/L
RT: 2.076 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031596.D
Acq: 19 Jun 2023 12:14

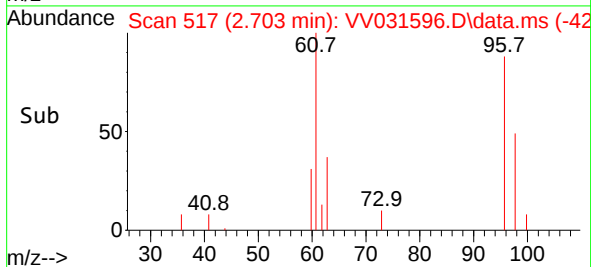
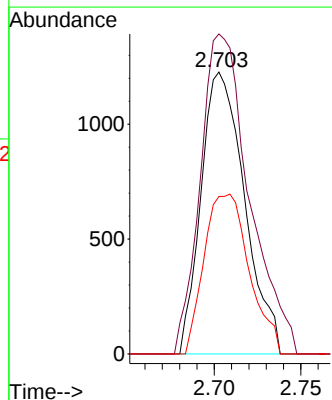
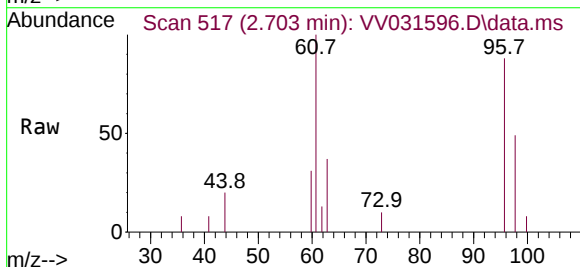
Instrument :
MSVOA_V
ClientSampleId :
EXYT5

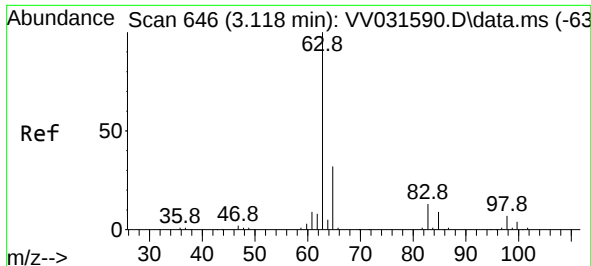
Tgt Ion: 96 Resp: 9957
Ion Ratio Lower Upper
96 100
61 252.3 128.9 239.5#
63 725.3 95.3 177.1#



#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





#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

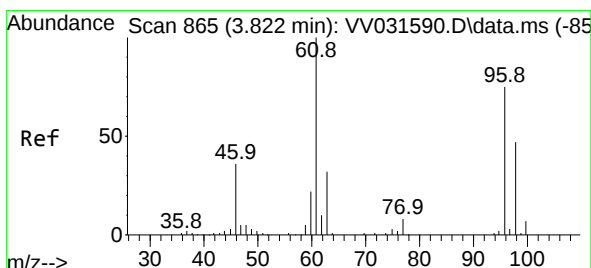
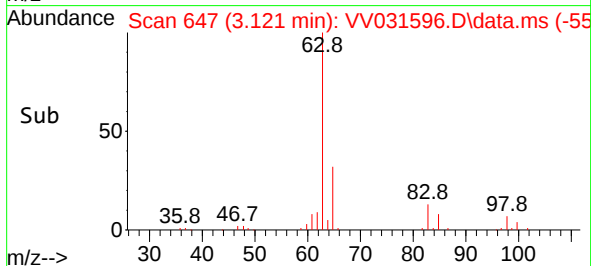
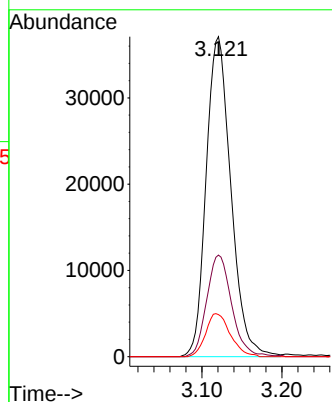
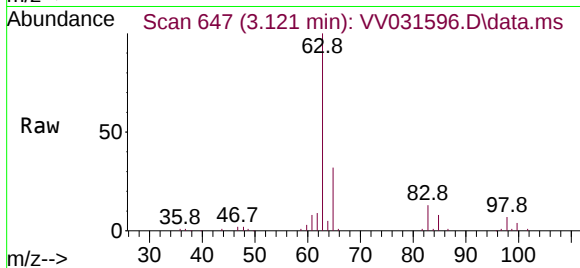
Tgt Ion: 63 Resp: 79772

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

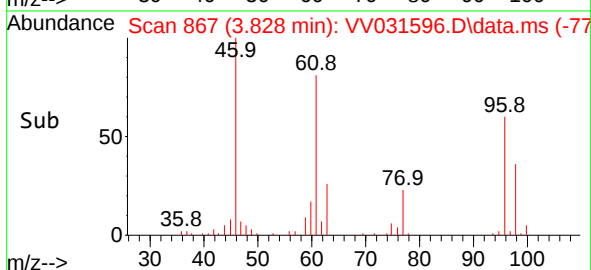
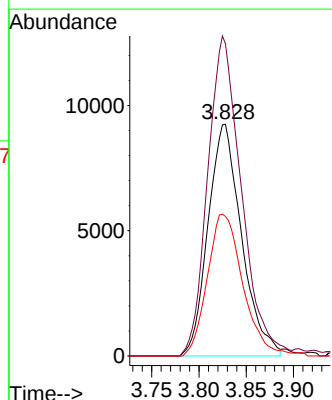
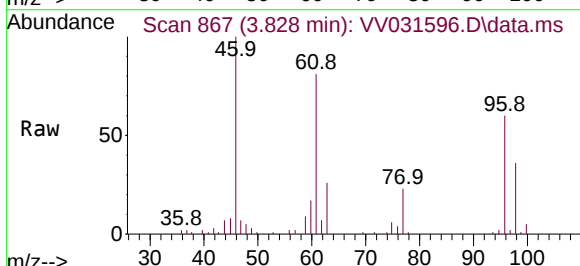
Tgt Ion: 96 Resp: 22862

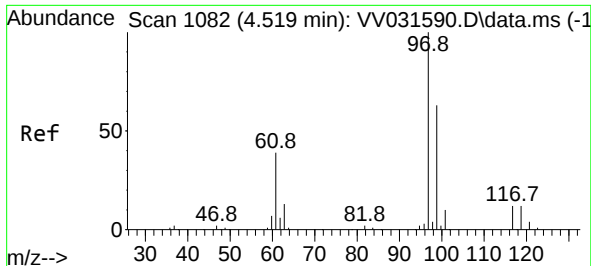
Ion Ratio Lower Upper

96 100

61 134.8 98.6 183.0

98 60.2 45.7 84.9





#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

Instrument :

MSVOA_V

ClientSampleId :

EXYT5

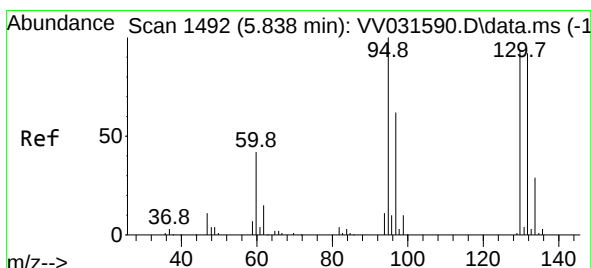
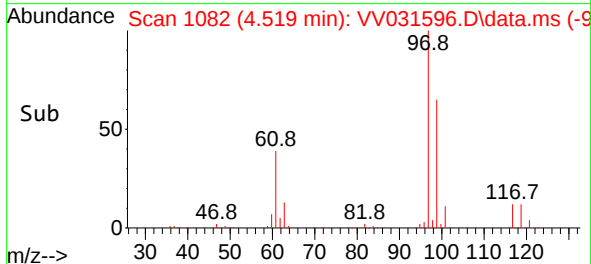
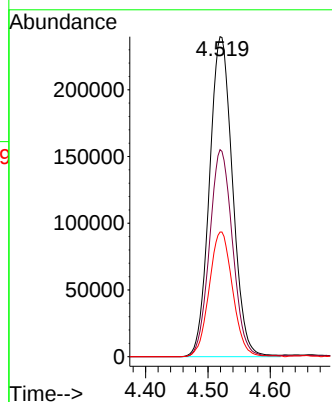
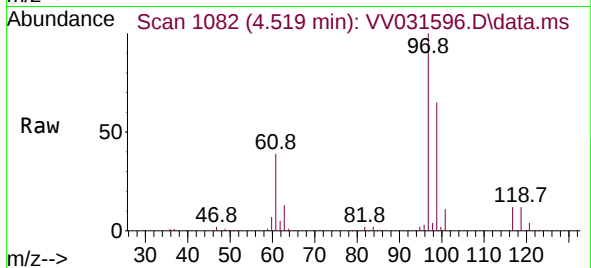
Tgt Ion: 97 Resp: 616103

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# 1494

Delta R.T. 0.006 min

Lab File: VV031596.D

Acq: 19 Jun 2023 12:14

Tgt Ion: 95 Resp: 5041

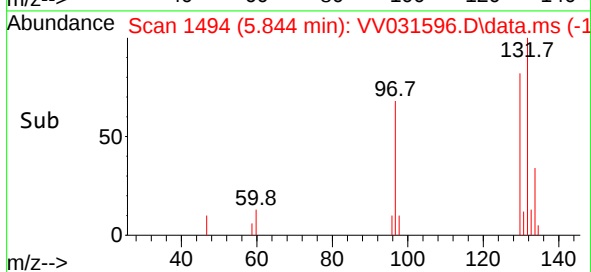
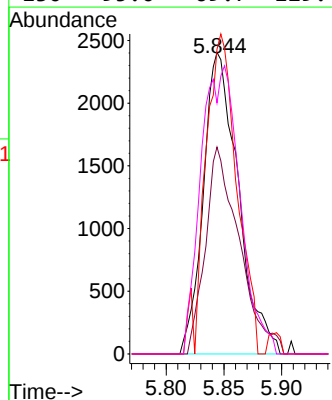
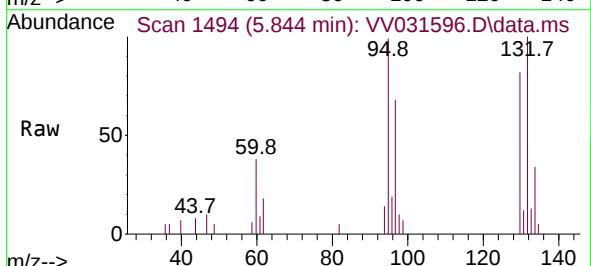
Ion Ratio Lower Upper

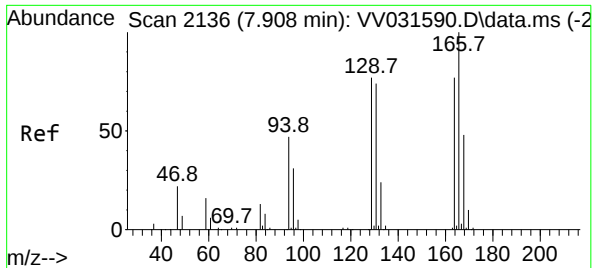
95 100

97 78.8 46.8 86.8

132 114.5 66.4 123.2

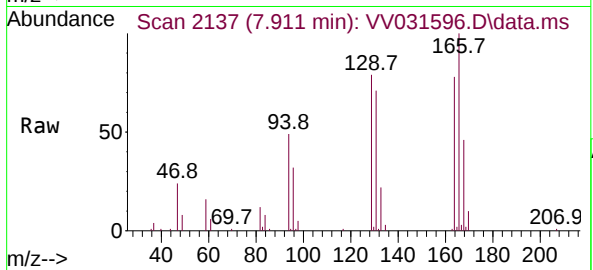
130 95.0 69.7 129.4





#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

