

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025137.D
 Acq On : 23 Mar 2022 17:06
 Operator : SY/MD
 Sample : N2083-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z7

Quant Time: Mar 24 01:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

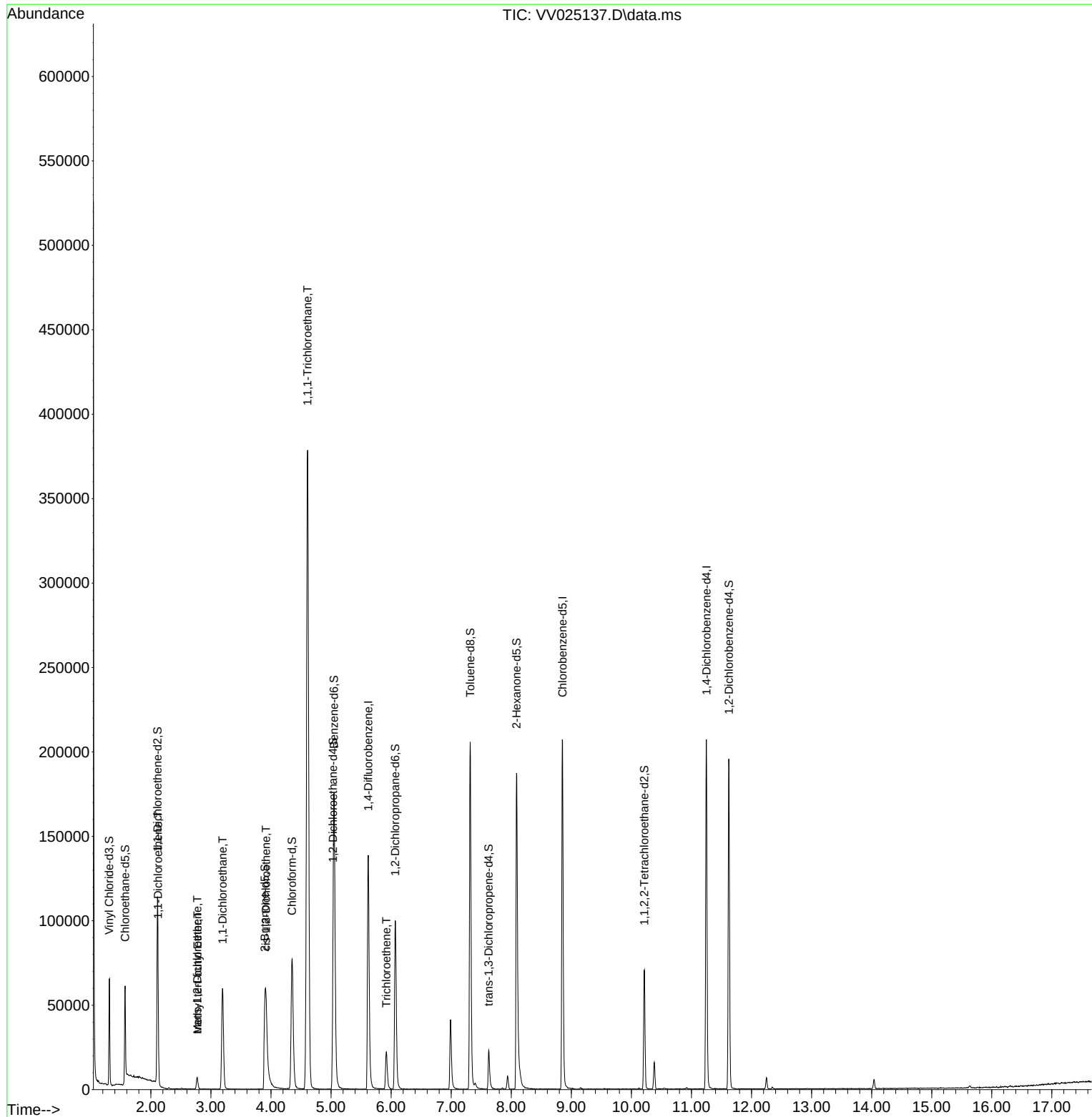
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127546	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123069	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40800	4.052	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.000%	
7) Chloroethane-d5	1.571	69	36064	4.891	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.111	63	55920	3.436	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.899	46	88809	72.977	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.960%#	
24) Chloroform-d	4.349	84	86837	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
26) 1,2-Dichloroethane-d4	5.034	65	38027	5.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.000%	
32) Benzene-d6	5.050	84	168197	4.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.069	67	51889	5.054	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.317	98	142031	4.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15780	4.409	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.200%	
46) 2-Hexanone-d5	8.088	63	72379	59.292	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36311	6.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	120.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	49878	5.425	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.121	96	4412	0.543	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	3382	0.191	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	1774	0.181	ug/L	98
19) 1,1-Dichloroethane	3.195	63	63452	3.813	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	16603	1.682	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	317543	20.233	ug/L	99
34) Trichloroethene	5.921	95	8358	0.784	ug/L	96

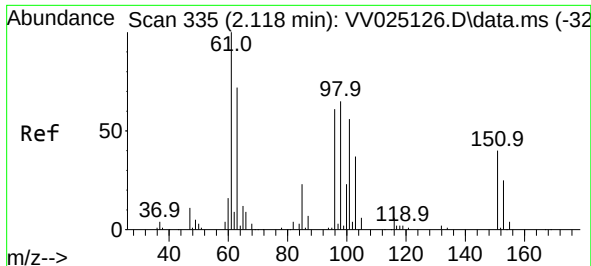
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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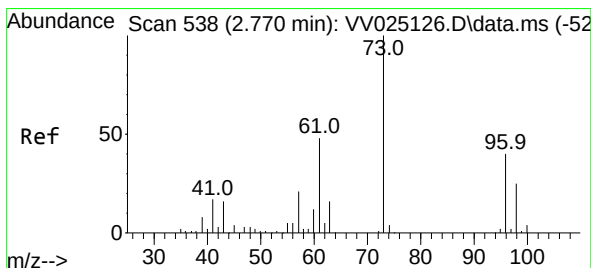
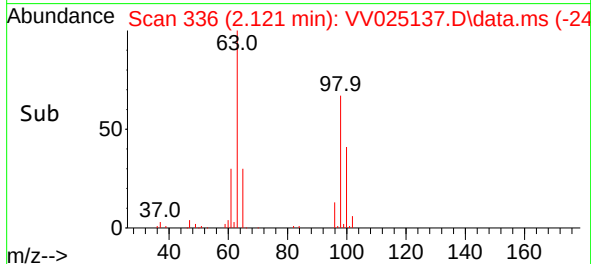
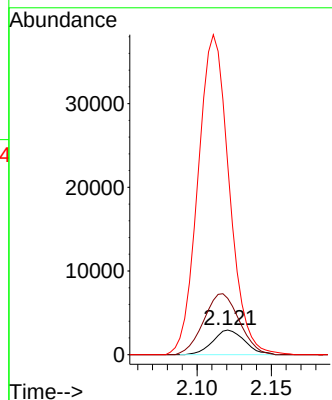
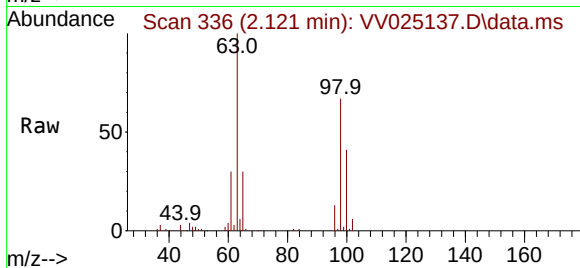




#12
 1,1-Dichloroethene
 Concen: 0.543 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV025137.D
 Acq: 23 Mar 2022 17:06

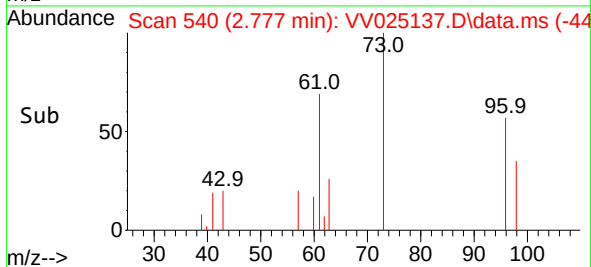
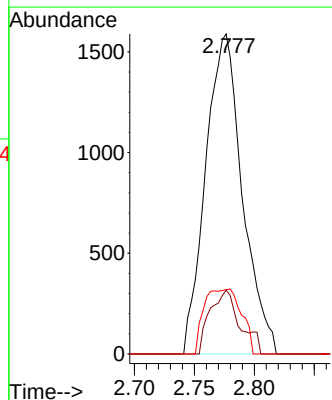
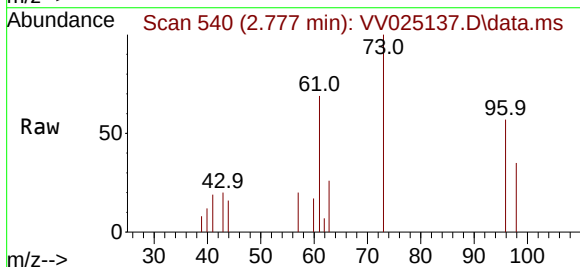
Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z7

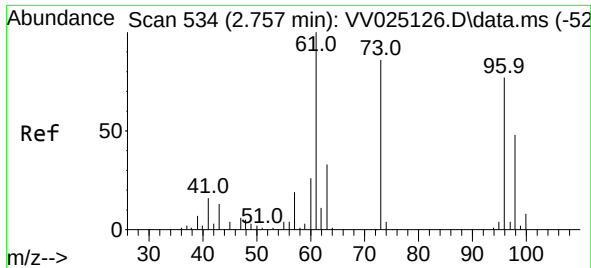
Tgt Ion: 96 Resp: 4412
 Ion Ratio Lower Upper
 96 100
 61 228.4 113.0 209.9#
 63 770.7 82.1 152.5#



#17
 Methyl tert-butyl Ether
 Concen: 0.191 ug/L
 RT: 2.777 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: VV025137.D
 Acq: 23 Mar 2022 17:06

Tgt Ion: 73 Resp: 3382
 Ion Ratio Lower Upper
 73 100
 43 16.2 13.2 19.8
 57 20.4 16.7 25.1

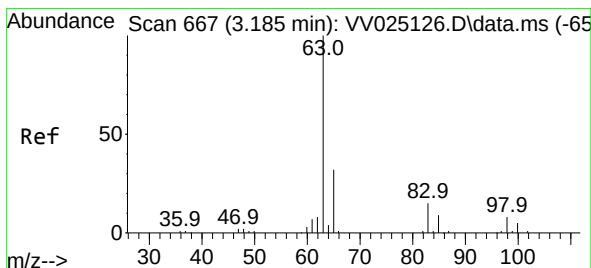
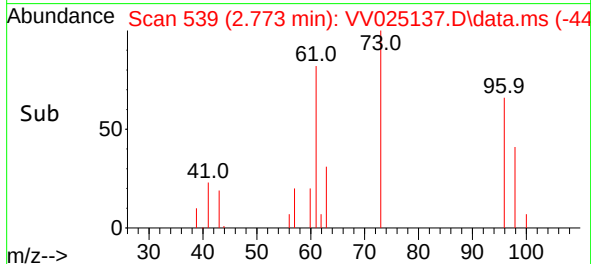
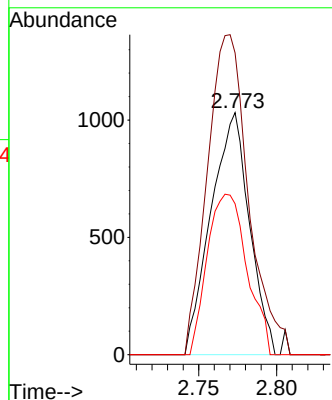
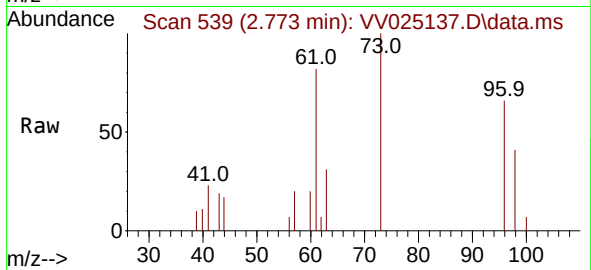




#18
trans-1,2-Dichloroethene
Concen: 0.181 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

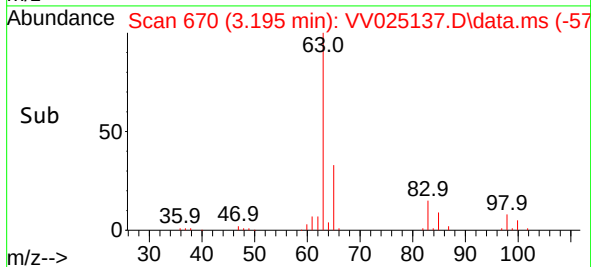
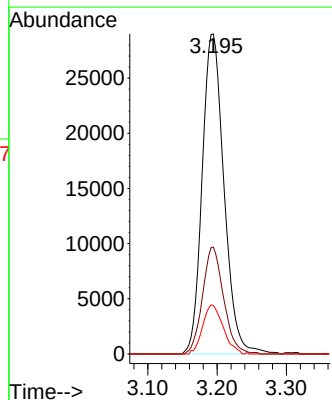
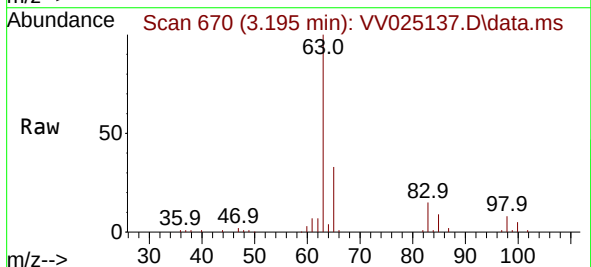
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ClientSampleId :
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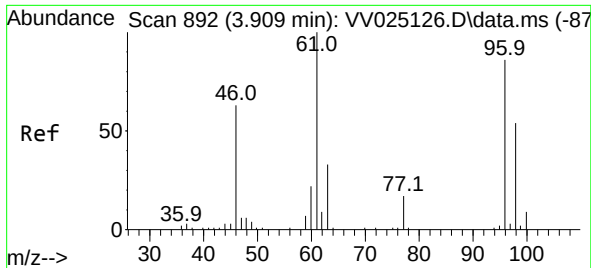
Tgt Ion: 96 Resp: 1774
Ion Ratio Lower Upper
96 100
61 124.6 89.2 165.6
98 62.3 43.9 81.5



#19
1,1-Dichloroethane
Concen: 3.813 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.009 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

Tgt Ion: 63 Resp: 63452
Ion Ratio Lower Upper
63 100
65 33.4 22.2 41.2
83 15.1 9.4 17.4

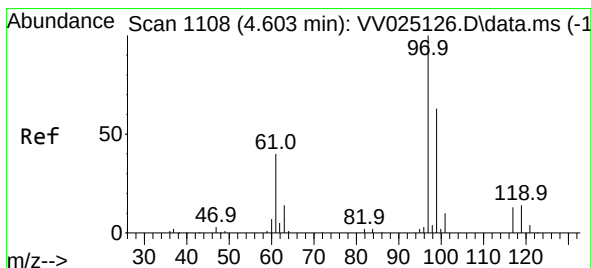
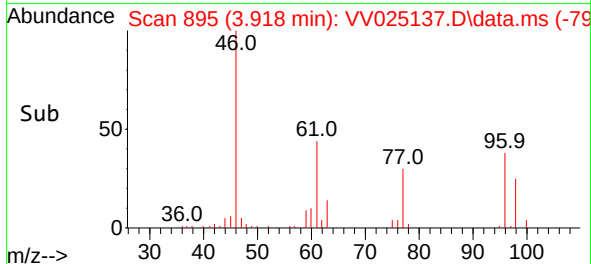
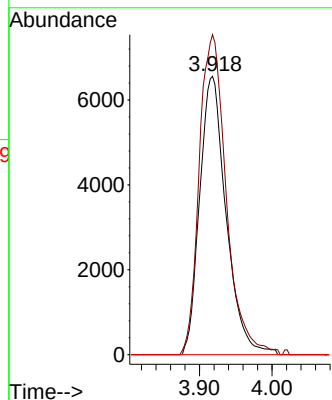
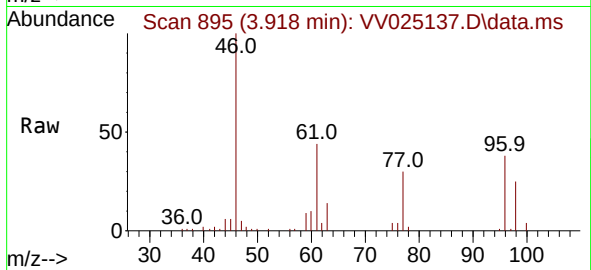




#22
 cis-1,2-Dichloroethene
 Concen: 1.682 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.009 min
 Lab File: VV025137.D
 Acq: 23 Mar 2022 17:06

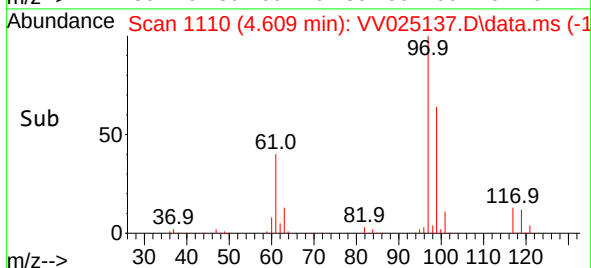
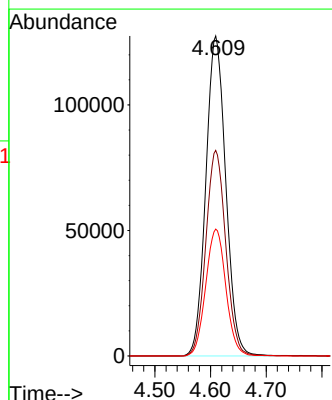
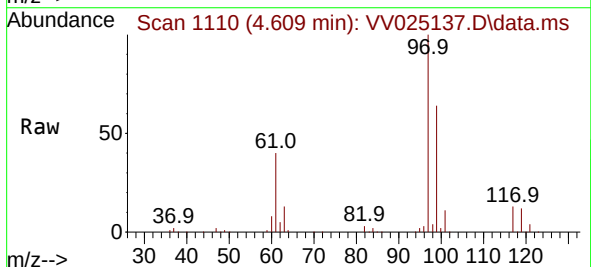
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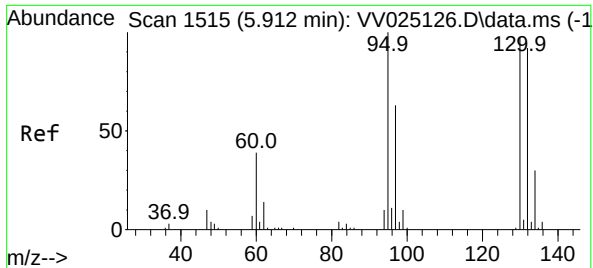
Tgt Ion: 96 Resp: 16603
 Ion Ratio Lower Upper
 96 100
 61 114.9 79.7 147.9
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 20.233 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: VV025137.D
 Acq: 23 Mar 2022 17:06

Tgt Ion: 97 Resp: 317543
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.7 76.1
 61 40.0 32.4 48.6





#34
 Trichloroethene
 Concen: 0.784 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.009 min
 Lab File: VV025137.D
 Acq: 23 Mar 2022 17:06

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Z7

Tgt Ion: 95	Resp:	8358
Ion	Ratio	Lower Upper
95	100	
97	63.7	44.5 82.7
132	96.2	66.5 123.5
130	107.4	68.0 126.2

