

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060121\
 Data File : VV021461.D
 Acq On : 01 Jun 2021 15:36
 Operator : SY/MD
 Sample : M2568-07 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GN4

Quant Time: Jun 02 00:50:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 02 00:49:39 2021
 Response via : Initial Calibration

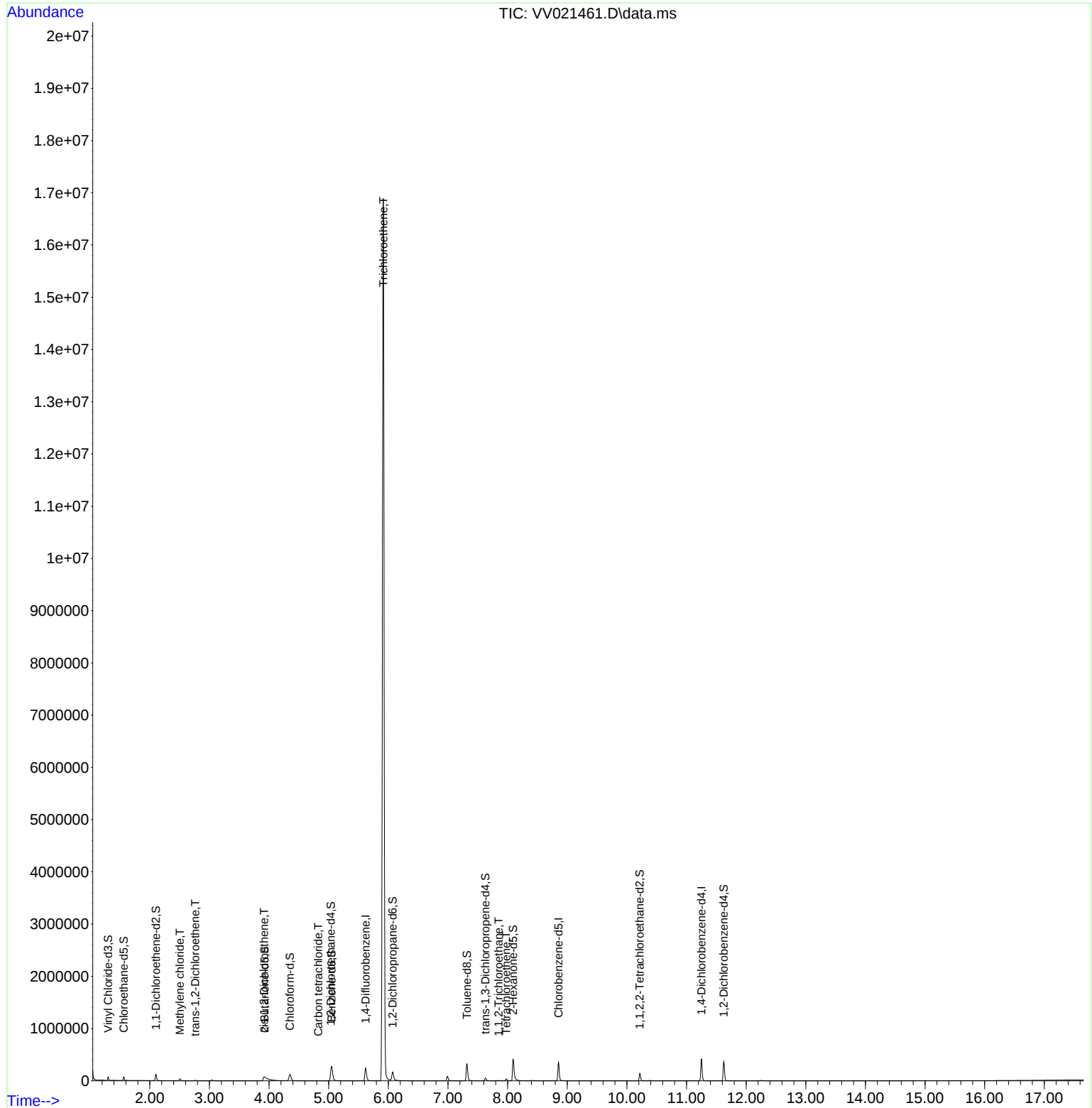
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	230788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	213381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	40051	4.102	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.000%	
7) Chloroethane-d5	1.564	69	44093	4.732	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.600%	
11) 1,1-Dichloroethene-d2	2.101	63	59724	3.227	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.924	46	203509	57.982	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.960%	
24) Chloroform-d	4.349	84	135480	5.003	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.037	65	65927	5.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.050	84	257099	5.008	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6	6.072	67	83283	5.002	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.317	98	229319	4.871	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	7.628	79	33781	4.875	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.400%	
46) 2-Hexanone-d5	8.091	63	178751	54.782	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.560%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	69735	5.197	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	109549	5.221	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
16) Methylene chloride	2.507	84	16841	0.895	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	3977	0.278	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	18189	1.170	ug/L	92
31) Carbon tetrachloride	4.828	117	2382	0.110	ug/L	95
34) Trichloroethene	5.915	95	5831143	381.262	ug/L	99
45) 1,1,2-Trichloroethane	7.850	97	2943	0.288	ug/L	90
47) Tetrachloroethene	7.979	164	9291	0.666	ug/L	93

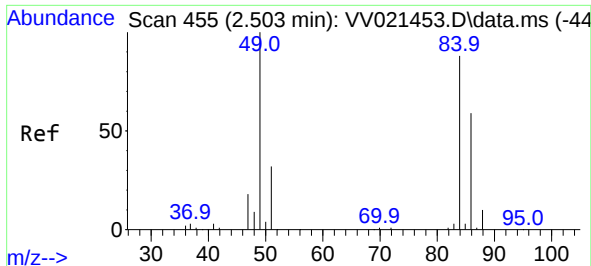
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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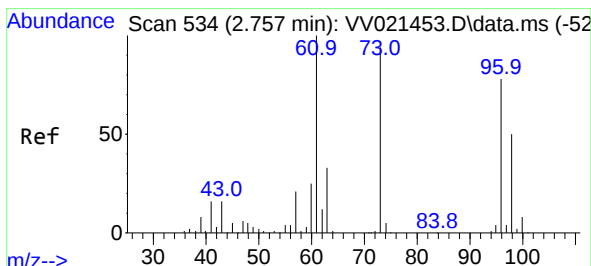
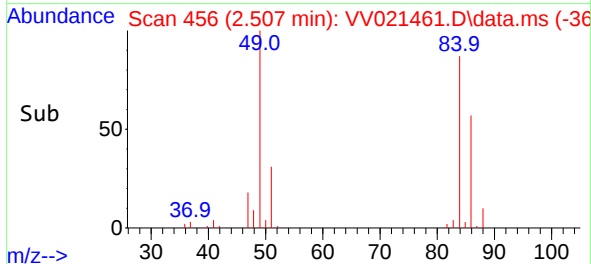
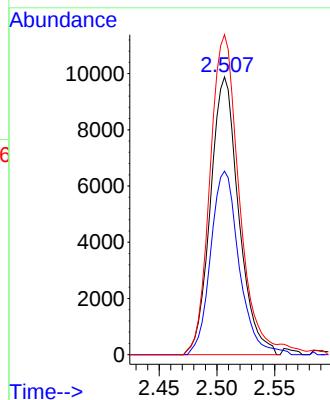
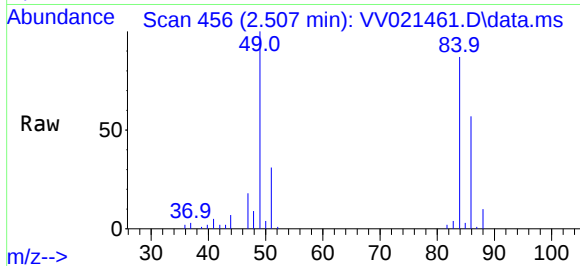




#16
Methylene chloride
Concen: 0.895 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV021461.D
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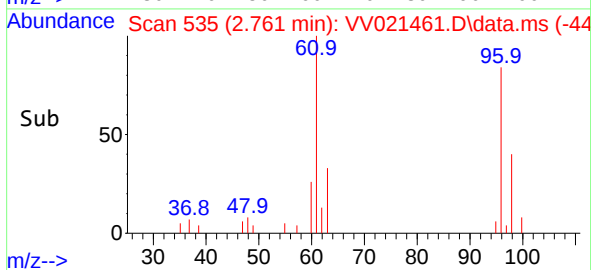
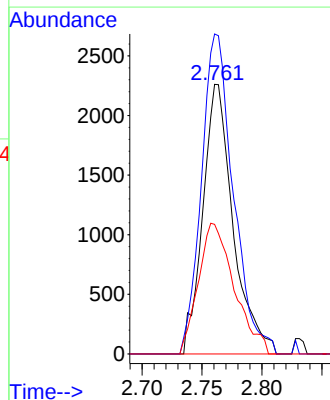
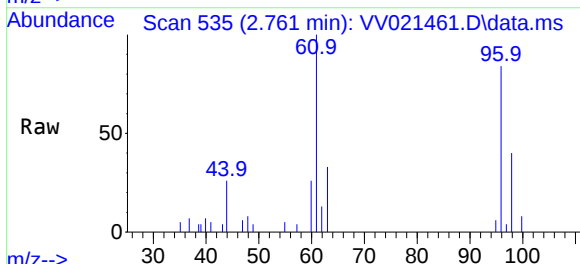
Instrument :
MSVOA_V
ClientSampleId :
C0GN4

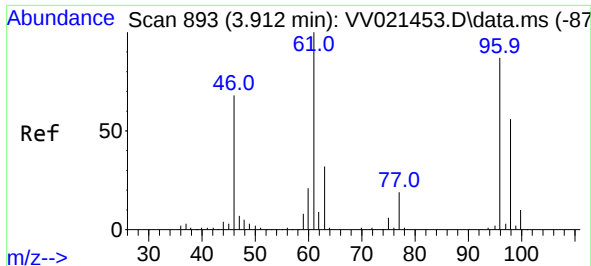
Tgt Ion: 84 Resp: 16841
Ion Ratio Lower Upper
84 100
86 66.1 44.7 82.9
49 115.2 82.7 153.5



#18
trans-1,2-Dichloroethene
Concen: 0.278 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

Tgt Ion: 96 Resp: 3977
Ion Ratio Lower Upper
96 100
61 118.7 88.7 164.7
98 48.1 44.4 82.4

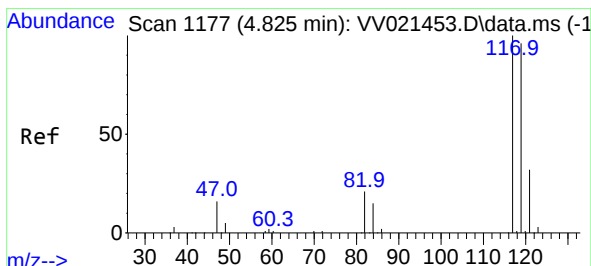
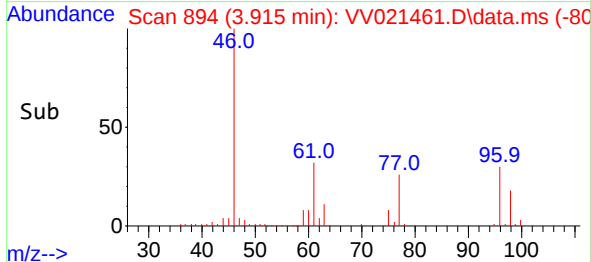
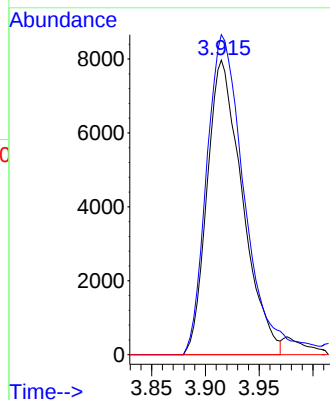
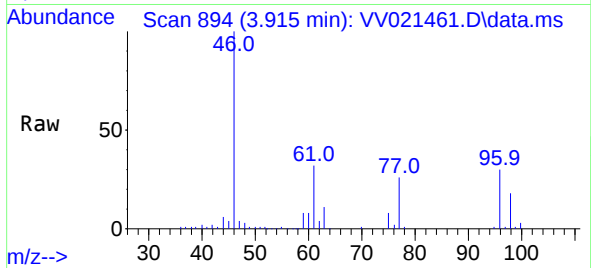




#22
cis-1,2-Dichloroethene
Concen: 1.170 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

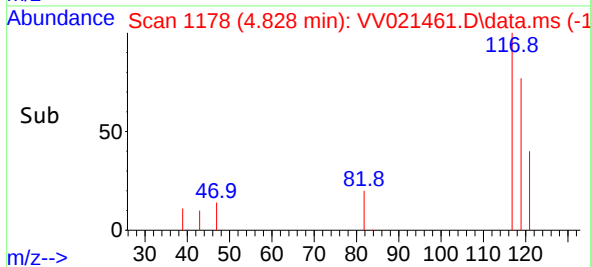
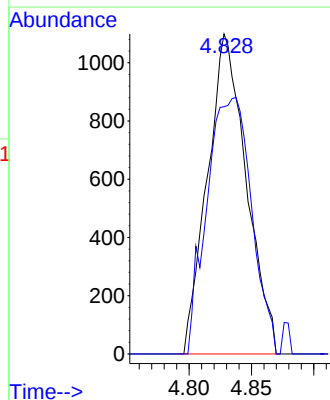
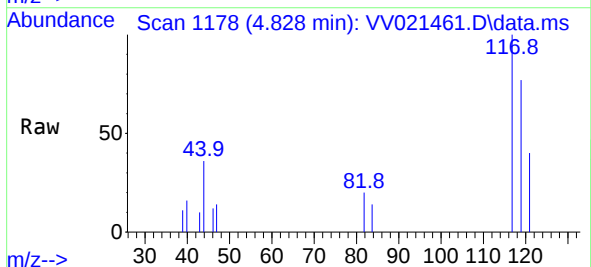
Instrument :
MSVOA_V
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C0GN4

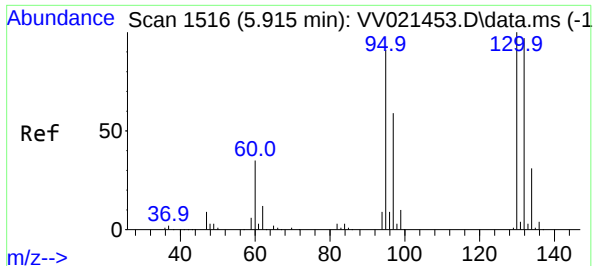
Tgt Ion: 96 Resp: 18189
Ion Ratio Lower Upper
96 100
61 108.6 81.9 152.1
68 0.0 0.0 0.0



#31
Carbon tetrachloride
Concen: 0.110 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

Tgt Ion: 117 Resp: 2382
Ion Ratio Lower Upper
117 100
119 91.9 77.0 115.6





#34

Trichloroethene

Concen: 381.262 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV021461.D

Acq: 01 Jun 2021 15:36

Tgt Ion: 95 Resp: 5831143

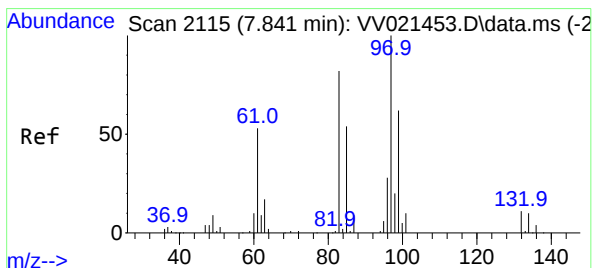
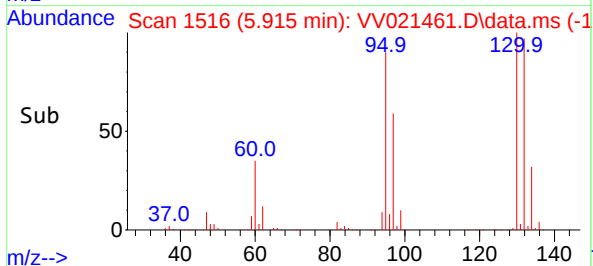
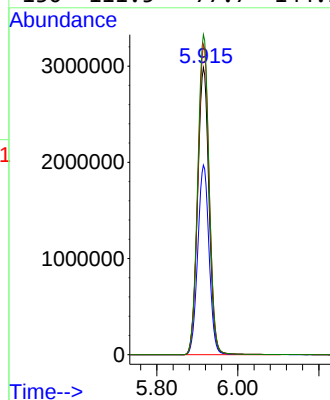
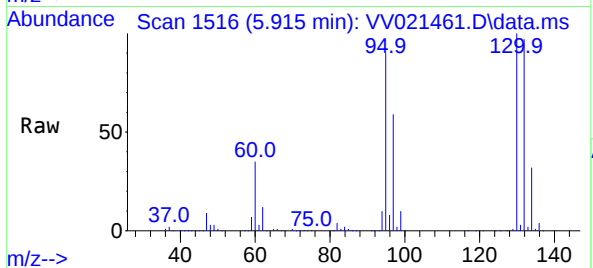
Ion Ratio Lower Upper

95 100

97 66.1 45.4 84.4

132 108.1 74.5 138.3

130 111.5 77.7 144.3



#45

1,1,2-Trichloroethane

Concen: 0.288 ug/L

RT: 7.850 min Scan# 2118

Delta R.T. 0.010 min

Lab File: VV021461.D

Acq: 01 Jun 2021 15:36

Tgt Ion: 97 Resp: 2943

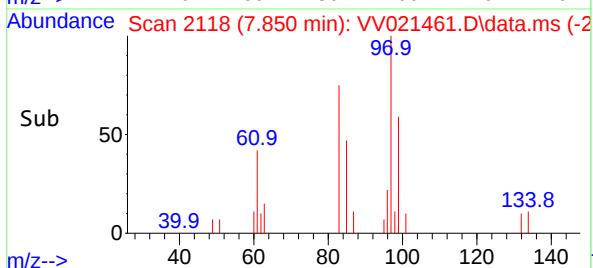
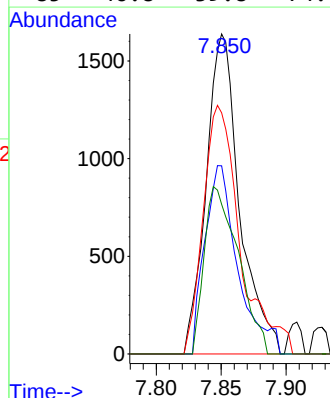
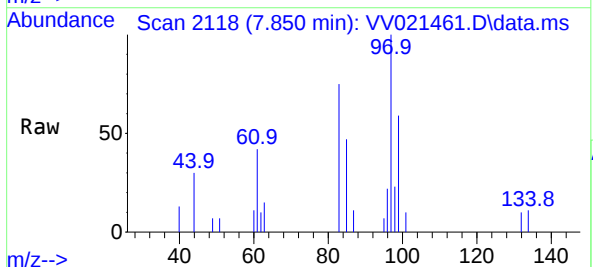
Ion Ratio Lower Upper

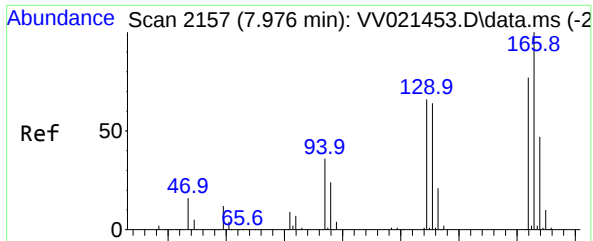
97 100

99 58.8 44.0 81.8

83 75.3 59.0 109.6

85 46.8 39.8 74.0





#47
Tetrachloroethene
Concen: 0.666 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021461.D
Acq: 01 Jun 2021 15:36

Instrument :
MSVOA_V
ClientSampleId :
C0GN4

Tgt Ion:164 Resp: 9291

Ion	Ratio	Lower	Upper
164	100		
129	80.2	61.8	114.8
131	73.8	57.8	107.4
166	120.0	87.4	162.4

