

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
 Data File : VV021311.D
 Acq On : 06 May 2021 16:49
 Operator : SY/MD
 Sample : M2320-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F3A00

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 1:12:15 PM

Quant Time: May 07 03:58:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 07 03:56:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	429047	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	426519	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	226579	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	117228	61.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 123.18%			
7) Chloroethane-d5	1.568	69	96113	56.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.02%			
11) 1,1-Dichloroethene-d2	2.108	63	215699	40.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.26%			
21) 2-Butanone-d5	3.902	46	159355	104.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.34%			
24) Chloroform-d	4.352	84	303692	50.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.26%			
26) 1,2-Dichloroethane-d4	5.037	65	243304	53.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.32%			
32) Benzene-d6	5.053	84	530219	53.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.96%			
36) 1,2-Dichloropropane-d6	6.075	67	137240	54.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.78%			
41) Toluene-d8	7.320	98	518043	50.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.78%			
43) trans-1,3-Dichloroprop...	7.625	79	90122	48.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.04%			
47) 2-Hexanone-d5	8.095	63	121822	104.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.55%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	201752	49.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.94%			
66) 1,2-Dichlorobenzene-d4	11.632	152	239567	53.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.30%			
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.764	96	23641	8.79	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	20588560m	2134.79	ug/L	
20) cis-1,2-Dichloroethene	3.915	96	27797	9.40	ug/L	89
29) Cyclohexane	4.683	56	35624m	9.94	ug/L	
34) Trichloroethene	5.918	95	90559	25.79	ug/L	94
46) Tetrachloroethene	7.985	164	2771	0.92	ug/L	84

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

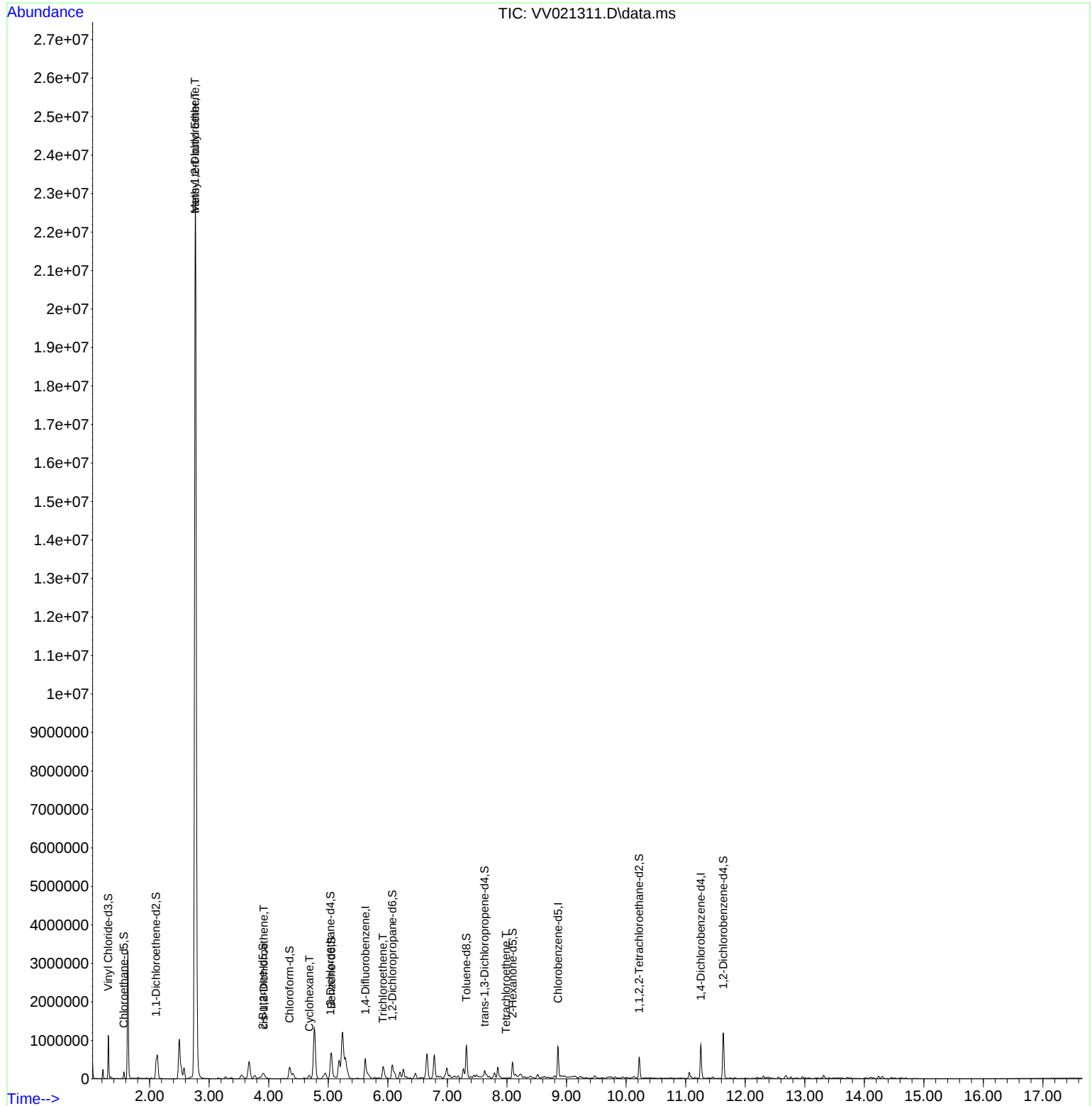
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
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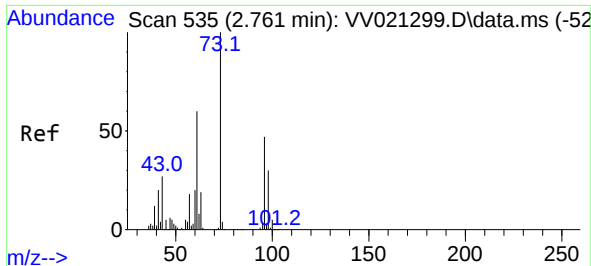
Instrument :
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Quant Time: May 07 03:58:02 2021
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Quant Title : VOC Analysis
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Response via : Initial Calibration





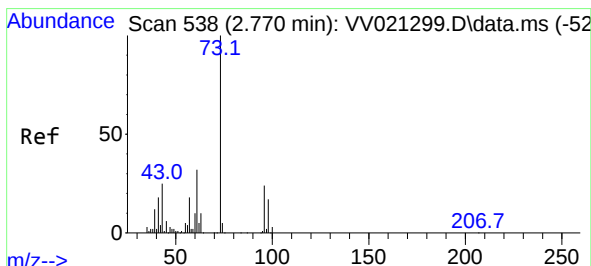
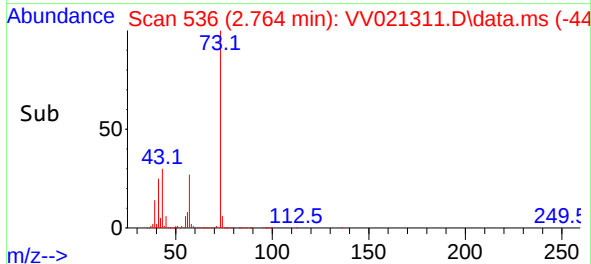
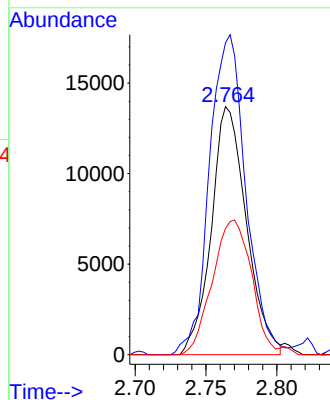
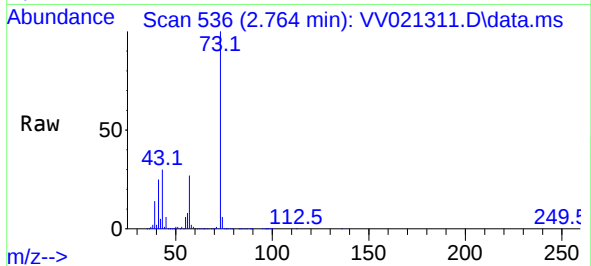
#17
trans-1,2-Dichloroethene
Concen: 8.79 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

Tgt Ion: 96 Resp: 23641
Ion Ratio Lower Upper
96 100
61 125.8 89.3 165.9
98 50.9 44.1 81.9

Instrument :
MSVOA_V
ClientSampleId :
F3A00

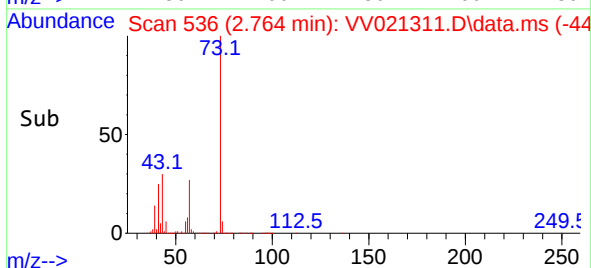
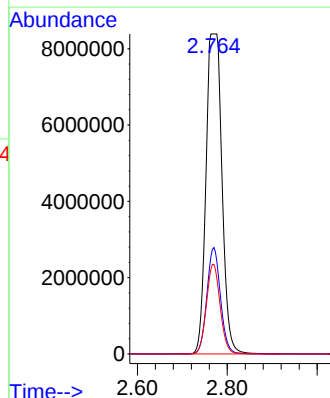
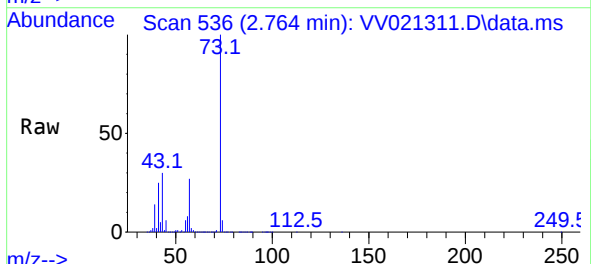
Manual Integrations
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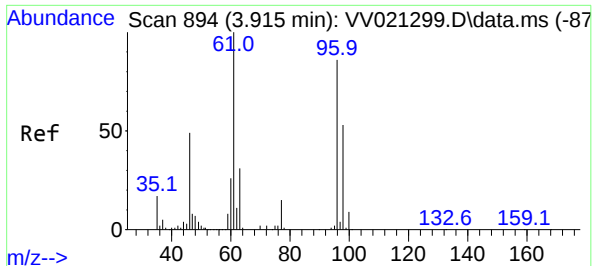
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#18
Methyl tert-butyl Ether
Concen: 2134.79 ug/L m
RT: 2.764 min Scan# 536
Delta R.T. -0.006 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

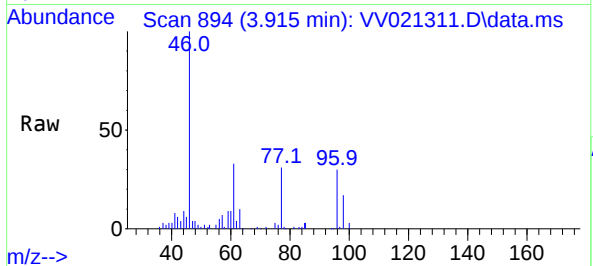
Tgt Ion: 73 Resp: 20588560
Ion Ratio Lower Upper
73 100
43 0.0 14.7 22.1#
57 0.0 15.9 23.9#





#20
cis-1,2-Dichloroethene
Concen: 9.40 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49

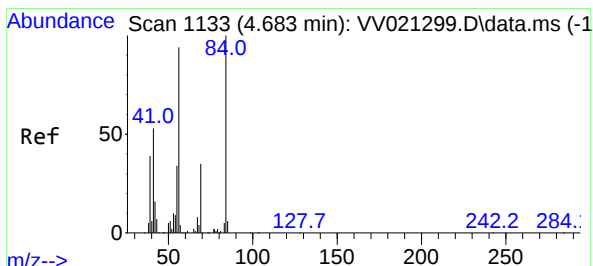
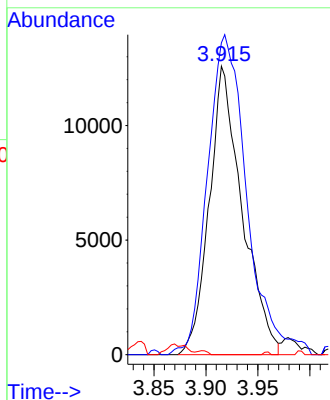
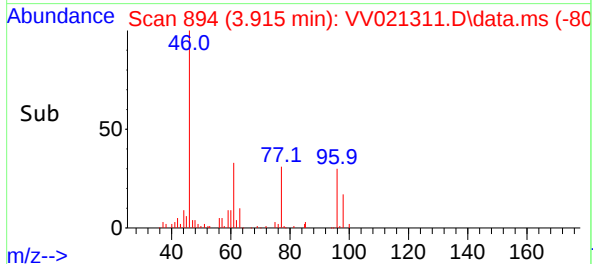
Instrument :
MSVOA_V
ClientSampleId :
F3A00



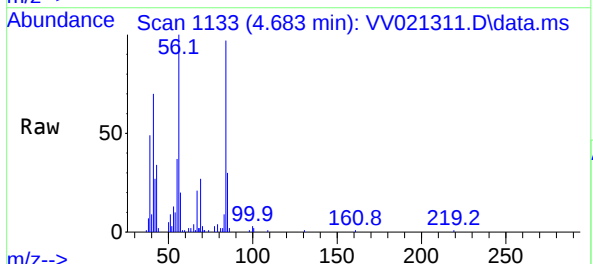
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Ion Ratio Lower Upper
96 100
61 108.1 84.4 156.7
68 0.0 0.0 0.0

Manual Integrations
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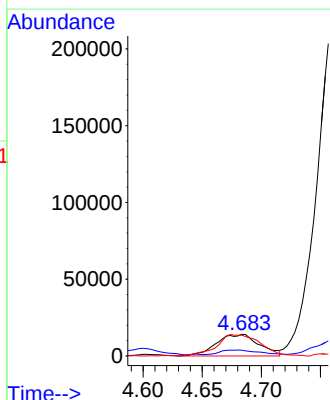
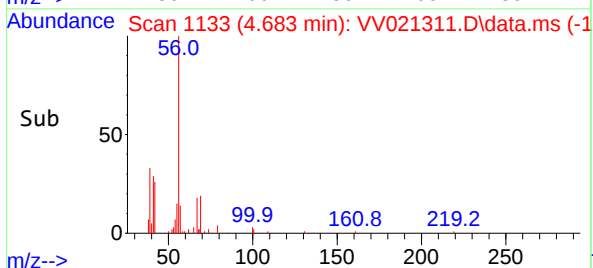
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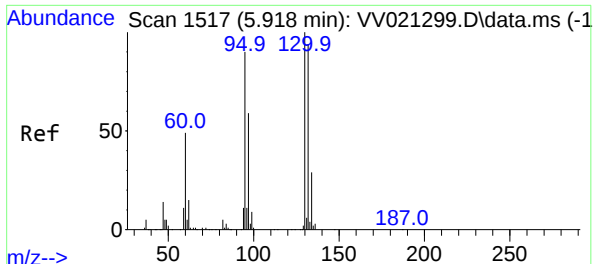


#29
Cyclohexane
Concen: 9.94 ug/L m
RT: 4.683 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VV021311.D
Acq: 06 May 2021 16:49



Tgt Ion: 56 Resp: 35624
Ion Ratio Lower Upper
56 100
69 17.2 25.7 38.5#
84 51.5 75.7 113.5#





#34

Trichloroethene

Concen: 25.79 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VV021311.D

Acq: 06 May 2021 16:49

Tgt Ion: 95 Resp: 90559

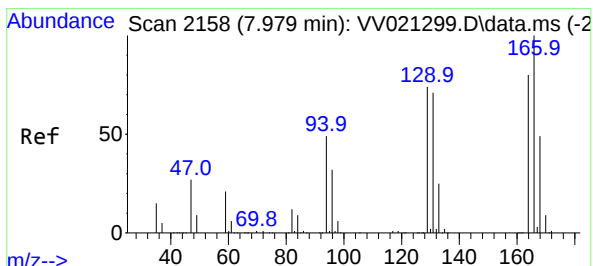
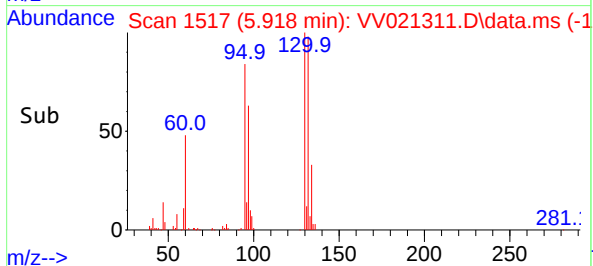
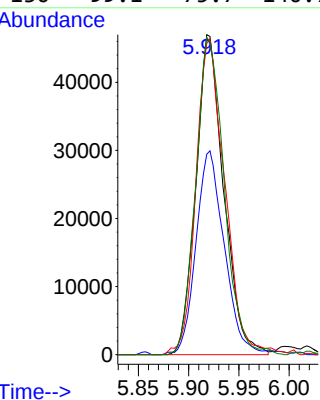
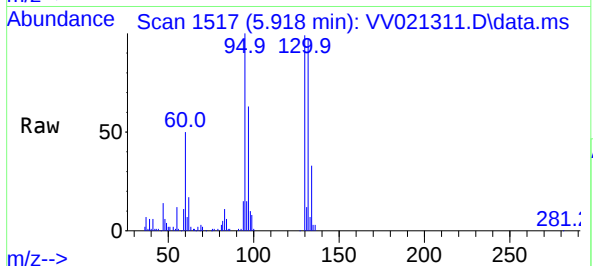
Ion Ratio Lower Upper

95 100

97 62.6 45.5 84.5

132 97.3 71.0 131.8

130 99.1 75.7 140.7



#46

Tetrachloroethene

Concen: 0.92 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.006 min

Lab File: VV021311.D

Acq: 06 May 2021 16:49

Tgt Ion: 164 Resp: 2771

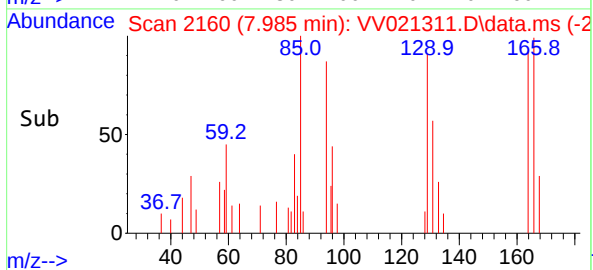
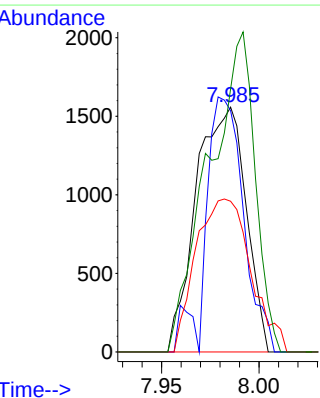
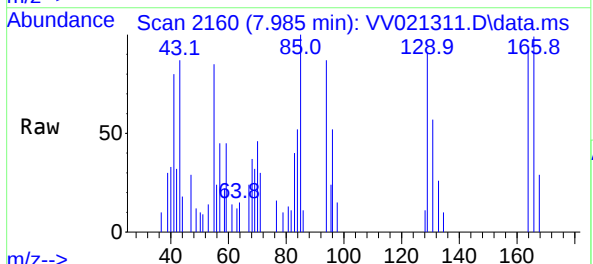
Ion Ratio Lower Upper

164 100

129 98.6 63.8 118.4

131 61.6 59.3 110.1

166 107.4 87.7 162.9



Instrument :

MSVOA_V

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F3A00

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