

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041921\
 Data File : VW021057.D
 Acq On : 19 Apr 2021 16:15
 Operator : SY/MD
 Sample : M2067-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7A1

Manual Integrations
 APPROVED

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 4/20/2021 12:26:11 PM

Quant Time: Apr 20 01:40:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 20 01:39:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	356289	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	347370	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	163413	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	68766	35.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.96%		
7) Chloroethane-d5	1.571	69	62931	41.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.60%		
11) 1,1-Dichloroethene-d2	2.108	63	129574	31.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.34%		
21) 2-Butanone-d5	3.896	46	103440m	81.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.15%		
24) Chloroform-d	4.349	84	221063	45.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.88%		
26) 1,2-Dichloroethane-d4	5.034	65	168511	51.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.64%		
32) Benzene-d6	5.050	84	366487	42.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.46%		
36) 1,2-Dichloropropane-d6	6.072	67	98622	41.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.84%		
41) Toluene-d8	7.317	98	368680	43.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.76%		
43) trans-1,3-Dichloroprop...	7.625	79	52825	36.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.00%		
47) 2-Hexanone-d5	8.092	63	84189	82.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.32%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	158726	41.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.26%		
66) 1,2-Dichlorobenzene-d4	11.632	152	164000	49.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.32%		
Target Compounds					Qvalue	
13) Acetone	2.195	43	24338	22.79	ug/L	61
14) Carbon disulfide	2.298	76	6541	1.11	ug/L #	94
15) Methyl Acetate	2.442	43	13493	7.51	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	319477	44.82	ug/L	97
34) Trichloroethene	5.921	95	17366	6.95	ug/L	92
46) Tetrachloroethene	7.979	164	100800	42.37	ug/L	91

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

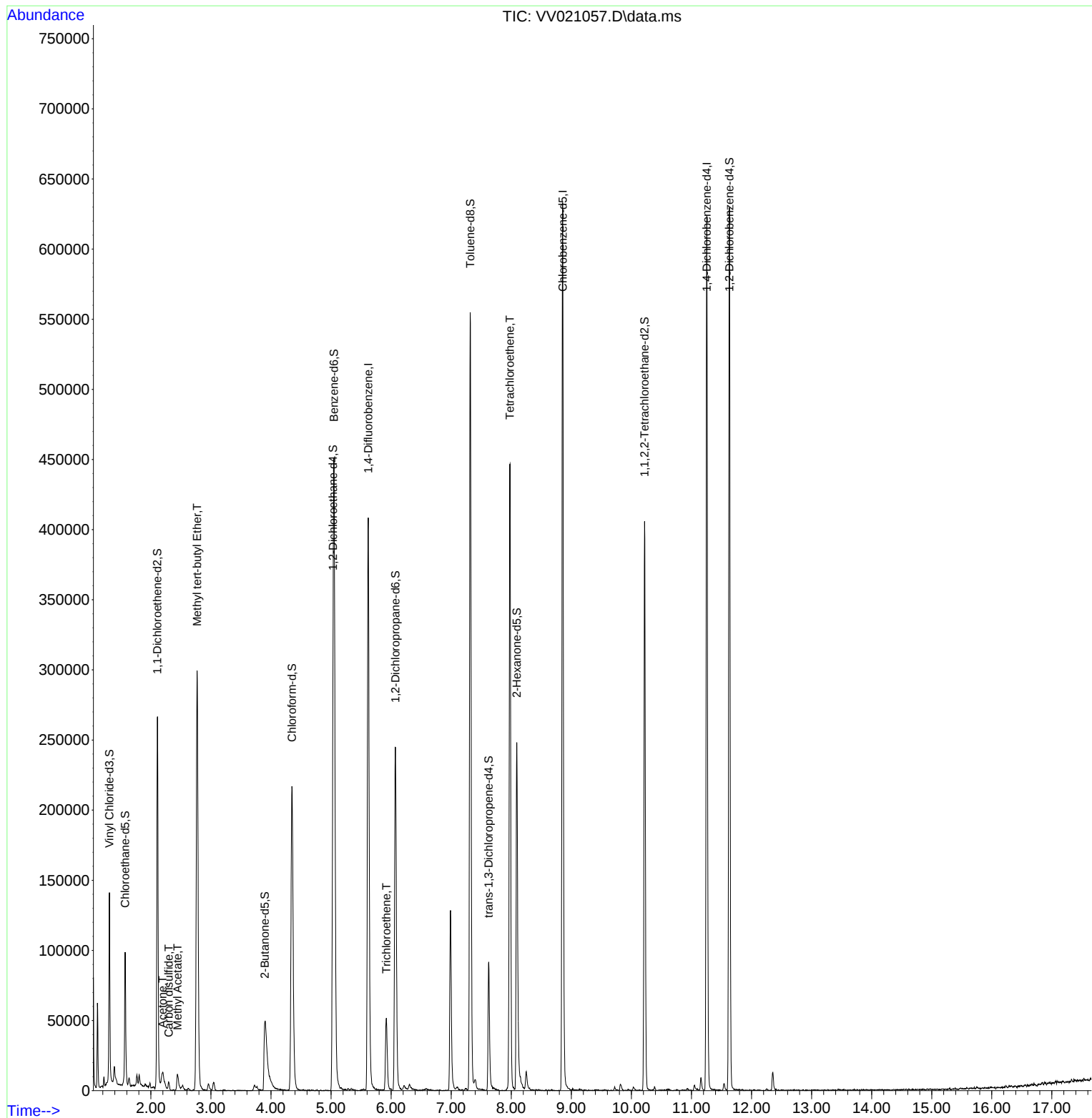
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041921\
Data File : VV021057.D
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Operator : SY/MD
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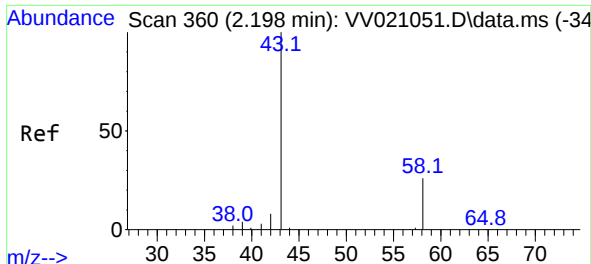
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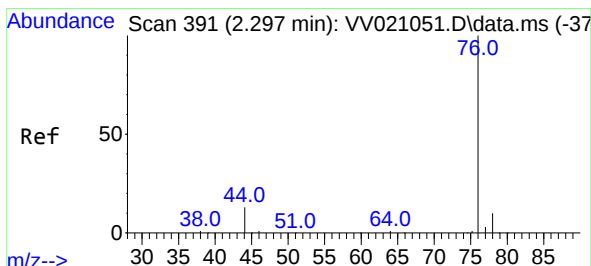
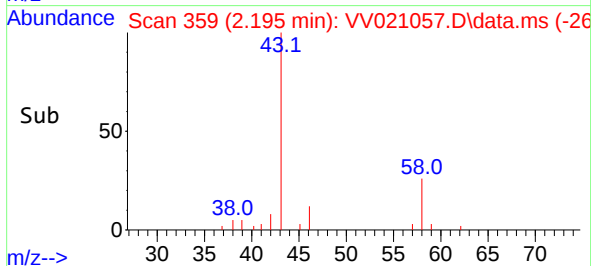
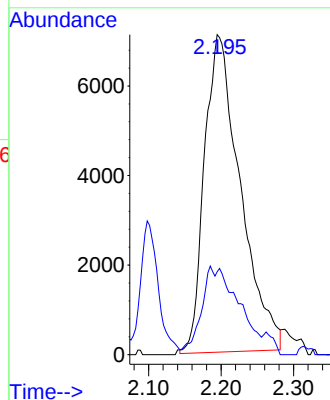
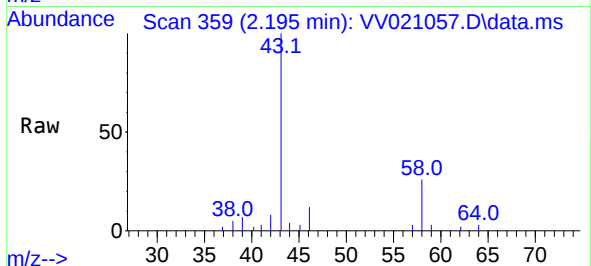
#13
Acetone
Concen: 22.79 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV021057.D
Acq: 19 Apr 2021 16:15

Tgt Ion: 43 Resp: 24338
Ion Ratio Lower Upper
43 100
58 9.7 0.0 61.8

Instrument :
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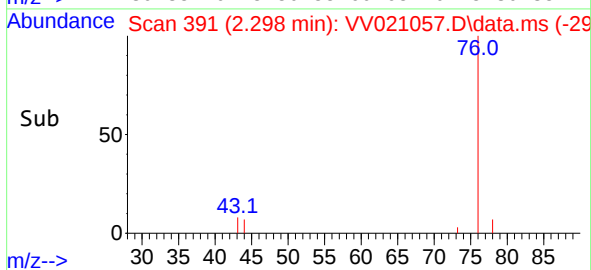
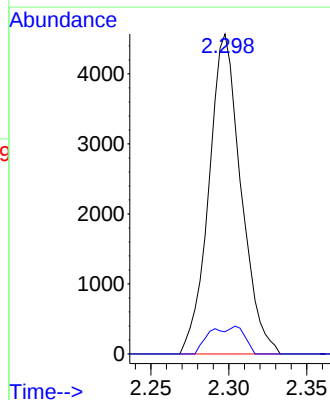
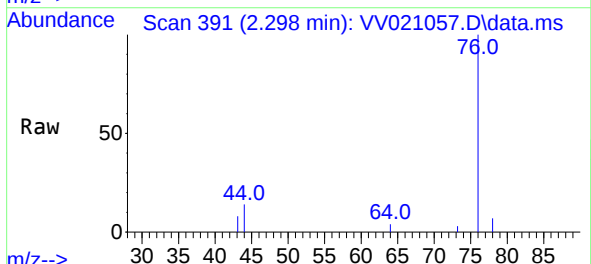
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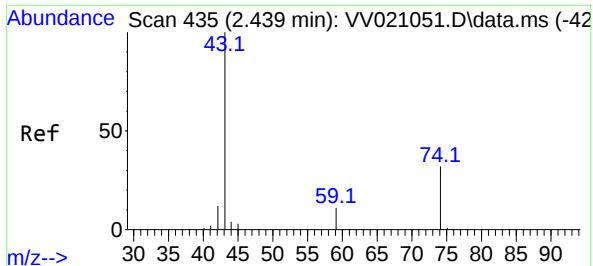
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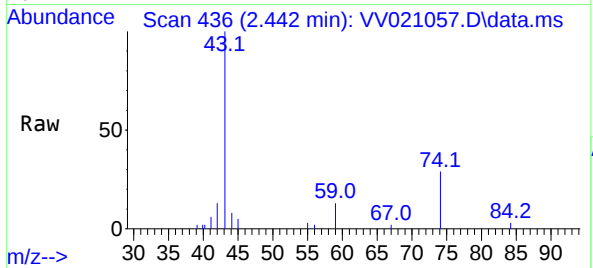
#14
Carbon disulfide
Concen: 1.11 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV021057.D
Acq: 19 Apr 2021 16:15

Tgt Ion: 76 Resp: 6541
Ion Ratio Lower Upper
76 100
78 7.0 7.4 11.2#

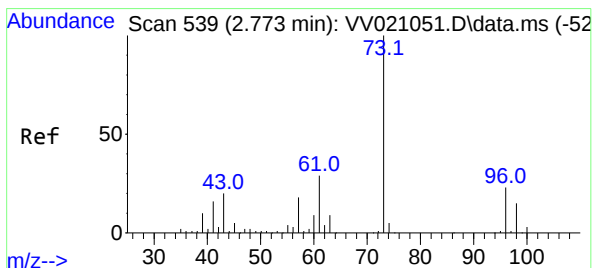
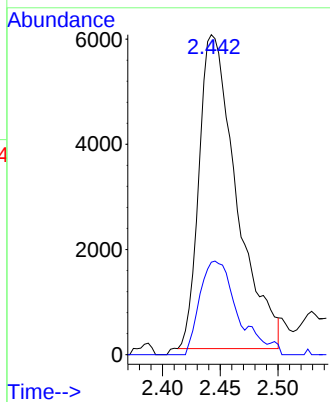
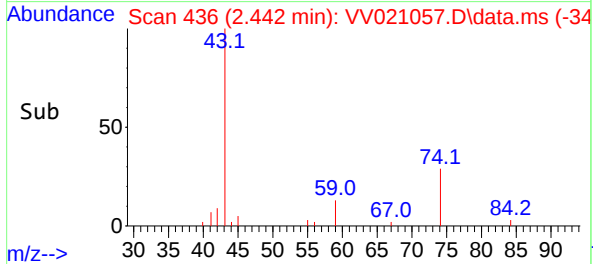




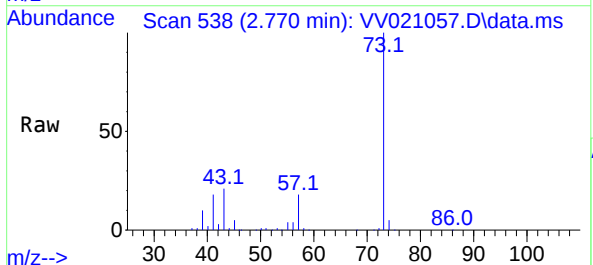
#15
Methyl Acetate
Concen: 7.51 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV021057.D
Acq: 19 Apr 2021 16:15



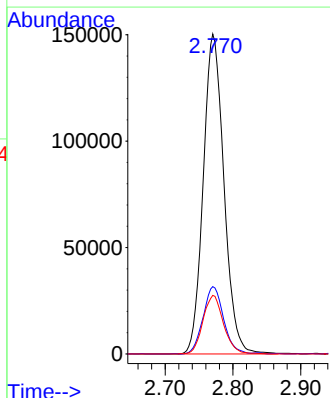
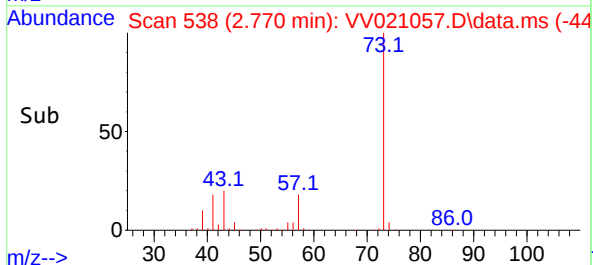
Tgt Ion: 43 Resp: 13493
Ion Ratio Lower Upper
43 100
74 26.1 22.9 34.3



#18
Methyl tert-butyl Ether
Concen: 44.82 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV021057.D
Acq: 19 Apr 2021 16:15



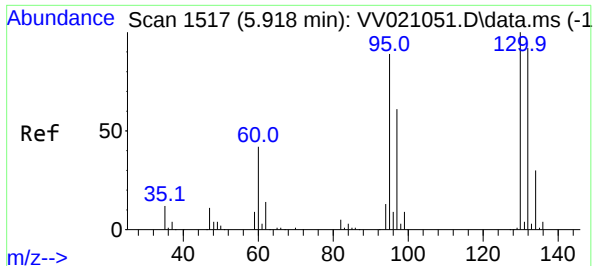
Tgt Ion: 73 Resp: 319477
Ion Ratio Lower Upper
73 100
43 20.8 15.3 22.9
57 18.0 14.9 22.3



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#34

Trichloroethene

Concen: 6.95 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV021057.D

Acq: 19 Apr 2021 16:15

Tgt Ion: 95 Resp: 17366

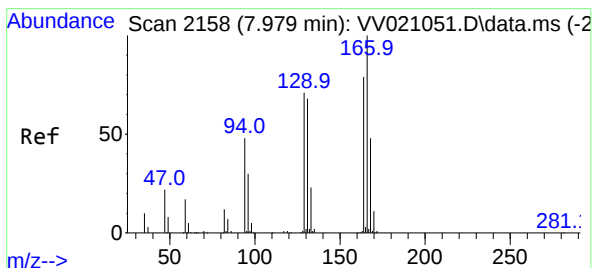
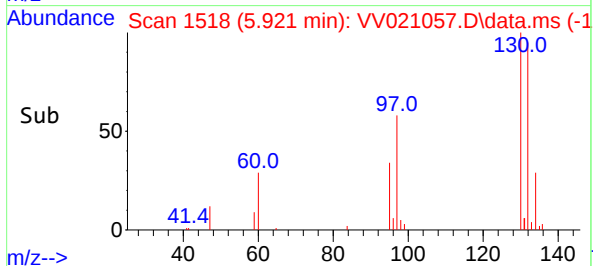
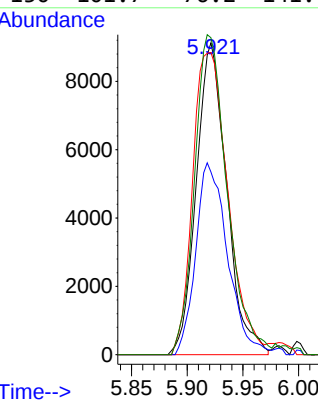
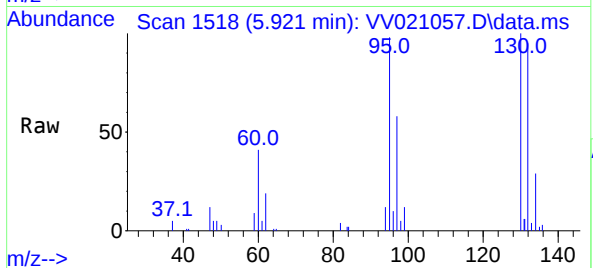
Ion Ratio Lower Upper

95 100

97 58.6 45.1 83.9

132 96.9 74.2 137.8

130 101.7 76.2 141.4



#46

Tetrachloroethene

Concen: 42.37 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV021057.D

Acq: 19 Apr 2021 16:15

Tgt Ion: 164 Resp: 100800

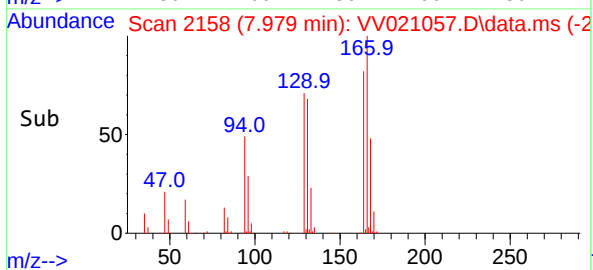
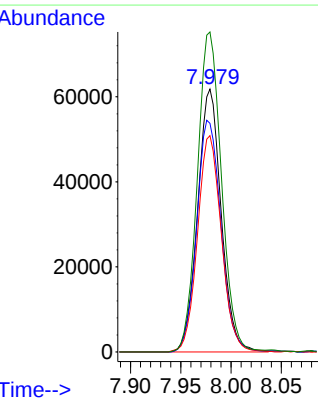
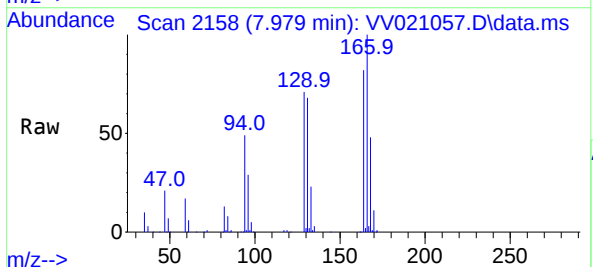
Ion Ratio Lower Upper

164 100

129 87.0 66.5 123.5

131 82.3 63.8 118.4

166 121.7 93.4 173.4



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