

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021082.D
 Acq On : 21 Apr 2021 16:46
 Operator : SY/MD
 Sample : M2067-11RE
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7A3RE

Manual Integrations
 APPROVED

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 4/23/2021 2:49:39 PM

Quant Time: Apr 22 06:43:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:32:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	322143	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	312437	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.259	152	141473	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	192749	72.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 145.64%#			
7) Chloroethane-d5	1.571	69	149449	76.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 153.50%#			
11) 1,1-Dichloroethene-d2	2.108	63	282553m	57.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.74%			
21) 2-Butanone-d5	3.912	46	199988	154.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 154.72%#			
24) Chloroform-d	4.352	84	361671	76.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 153.28%#			
26) 1,2-Dichloroethane-d4	5.037	65	247500	82.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 165.02%#			
32) Benzene-d6	5.053	84	670696	80.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 161.20%#			
36) 1,2-Dichloropropane-d6	6.076	67	203617	81.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 163.96%#			
41) Toluene-d8	7.320	98	621808	77.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 154.42%#			
43) trans-1,3-Dichloroprop...	7.625	79	104184	76.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 153.52%#			
47) 2-Hexanone-d5	8.095	63	157845	160.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 160.23%#			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	286776	76.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 153.10%#			
66) 1,2-Dichlorobenzene-d4	11.632	152	246548	88.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 176.44%#			
Target Compounds					Qvalue	
13) Acetone	2.208	43	8906m	7.38	ug/L	
14) Carbon disulfide	2.294	76	4980	0.79	ug/L #	88
16) Methylene chloride	2.516	84	2981	1.24	ug/L	89
18) Methyl tert-butyl Ether	2.774	73	51541	7.60	ug/L #	91
34) Trichloroethene	5.928	95	8373	3.47	ug/L	94
42) Toluene	7.400	91	8583	0.90	ug/L	94
46) Tetrachloroethene	7.979	164	55607	25.79	ug/L	97

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

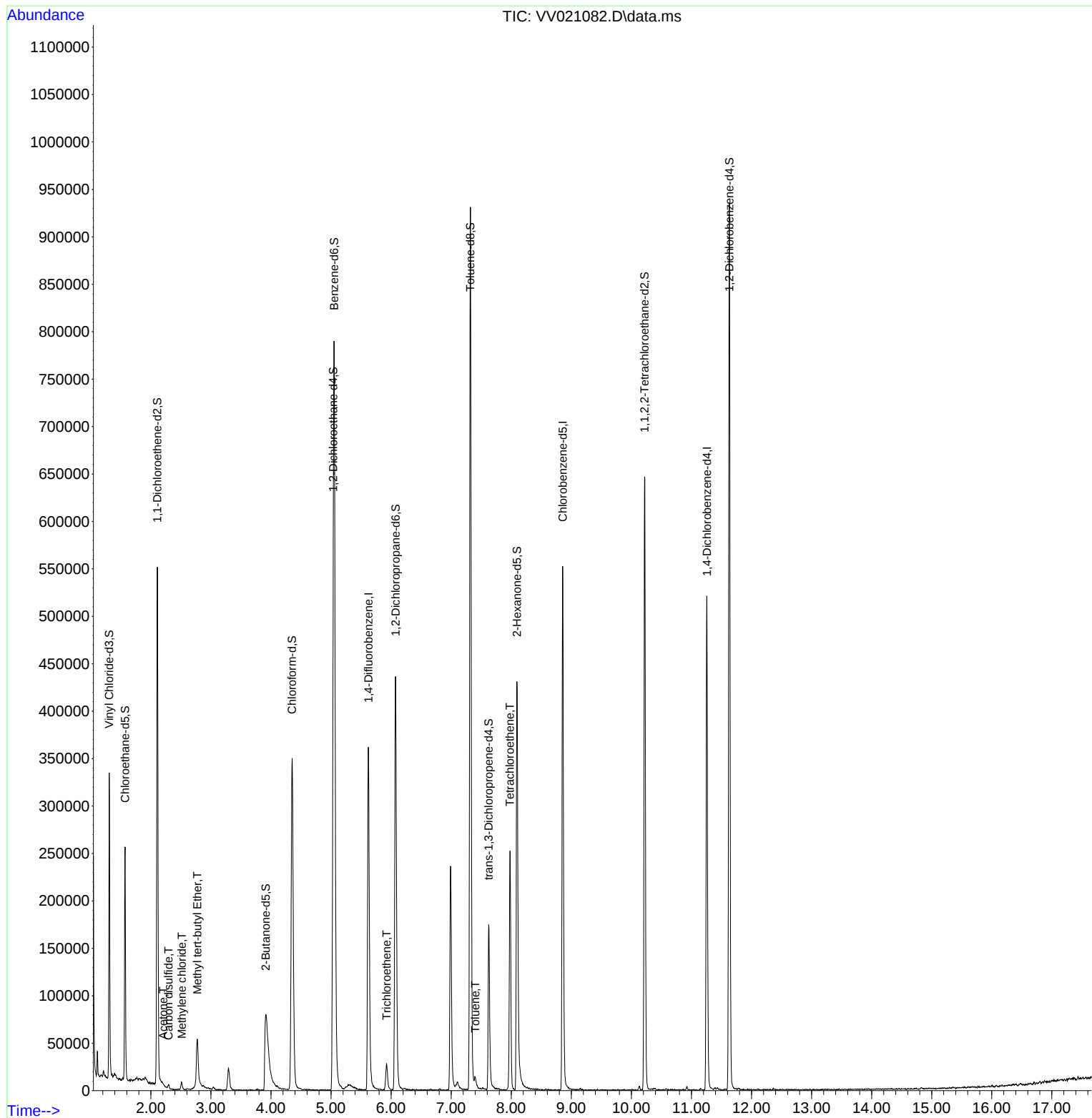
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042121\
Data File : VV021082.D
Acq On : 21 Apr 2021 16:46
Operator : SY/MD
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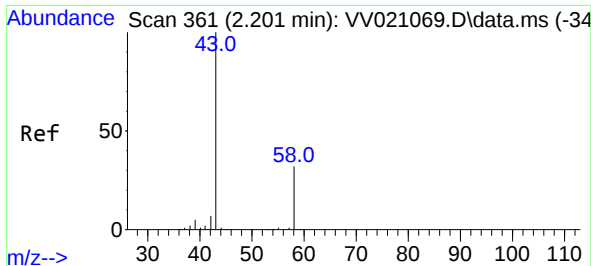
Instrument :
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Quant Time: Apr 22 06:43:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 22 06:32:19 2021
Response via : Initial Calibration





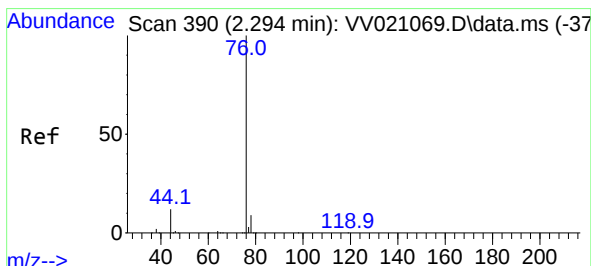
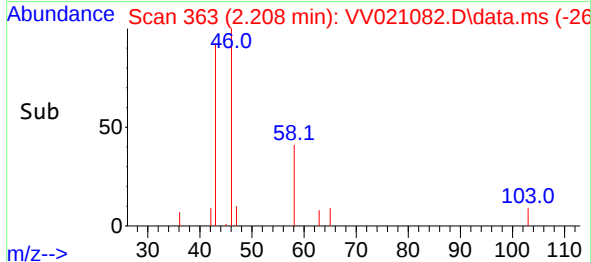
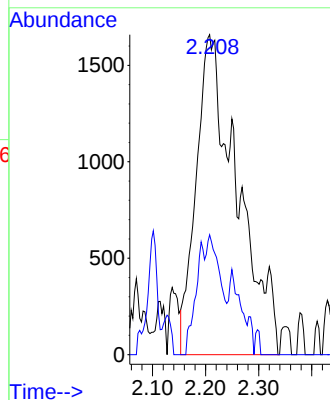
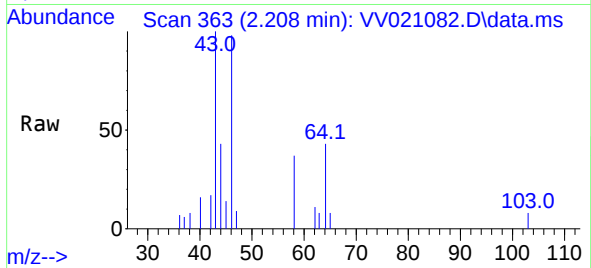
#13
Acetone
Concen: 7.38 ug/L m
RT: 2.208 min Scan# 363
Delta R.T. 0.006 min
Lab File: VV021082.D
Acq: 21 Apr 2021 16:46

Tgt Ion: 43 Resp: 8906
Ion Ratio Lower Upper
43 100
58 6.4 0.0 30.8

Instrument :
MSVOA_V
ClientSampleId :
BG7A3RE

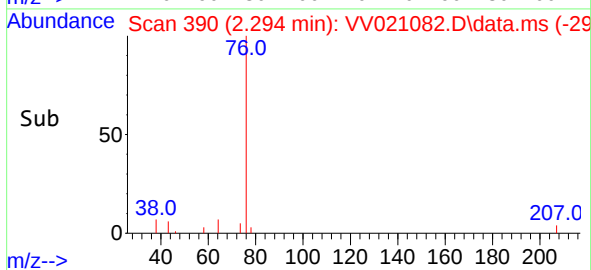
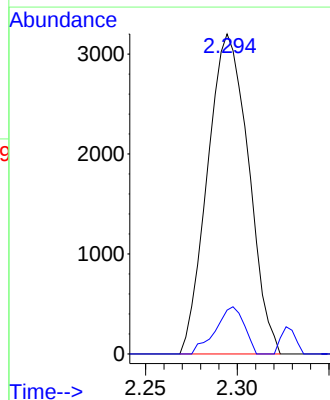
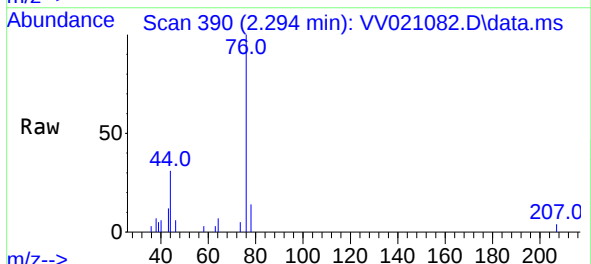
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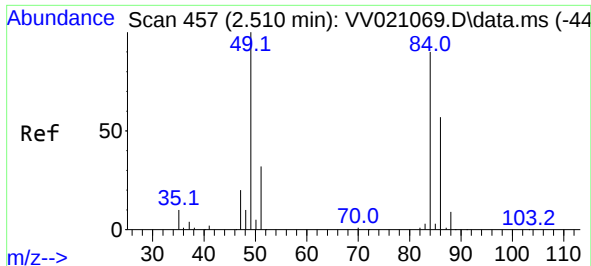
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#14
Carbon disulfide
Concen: 0.79 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV021082.D
Acq: 21 Apr 2021 16:46

Tgt Ion: 76 Resp: 4980
Ion Ratio Lower Upper
76 100
78 13.7 7.4 11.2#





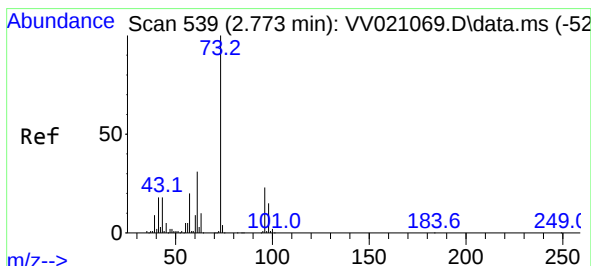
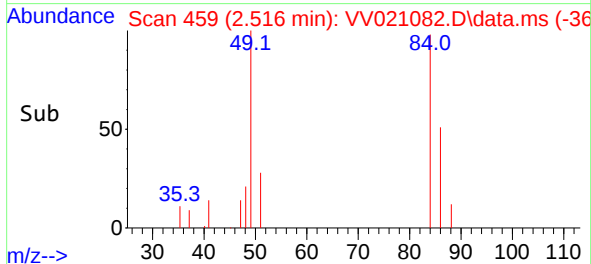
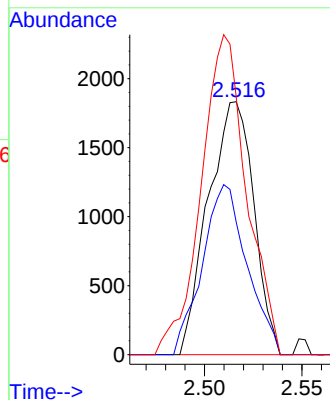
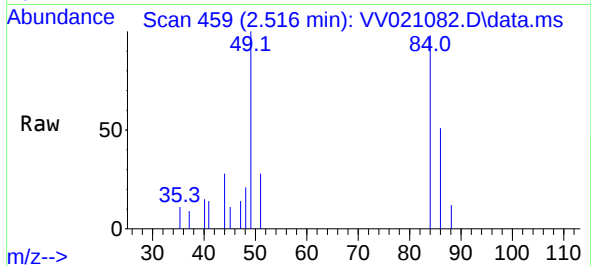
#16
Methylene chloride
Concen: 1.24 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.006 min
Lab File: VV021082.D
Acq: 21 Apr 2021 16:46

Tgt Ion: 84 Resp: 2981
Ion Ratio Lower Upper
84 100
86 52.4 44.9 83.5
49 102.0 78.1 145.1

Instrument :
MSVOA_V
ClientSampled :
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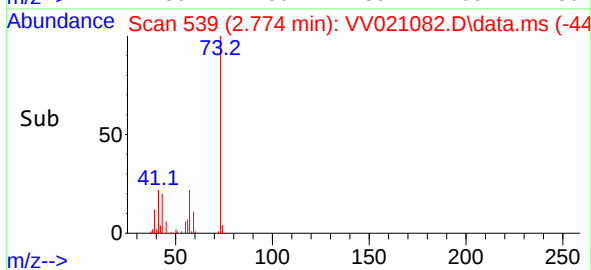
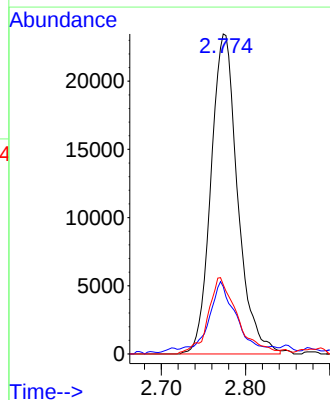
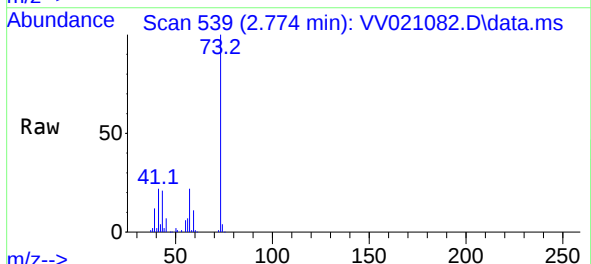
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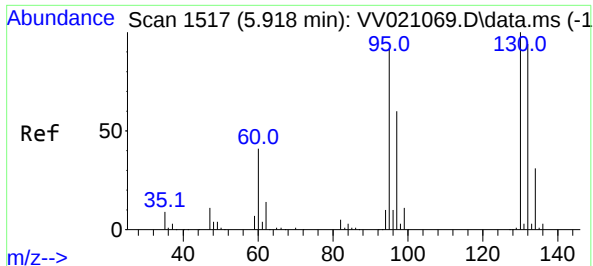
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#18
Methyl tert-butyl Ether
Concen: 7.60 ug/L
RT: 2.774 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV021082.D
Acq: 21 Apr 2021 16:46

Tgt Ion: 73 Resp: 51541
Ion Ratio Lower Upper
73 100
43 21.6 14.7 22.1
57 24.7 15.9 23.9#





#34

Trichloroethene

Concen: 3.47 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.010 min

Lab File: VV021082.D

Acq: 21 Apr 2021 16:46

Tgt Ion: 95 Resp: 8373

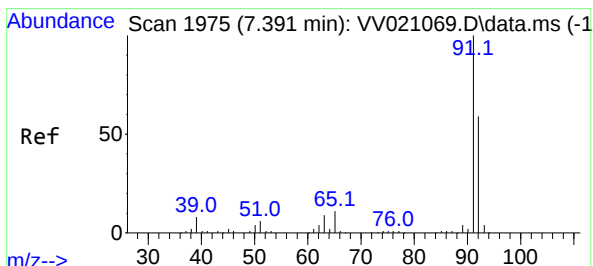
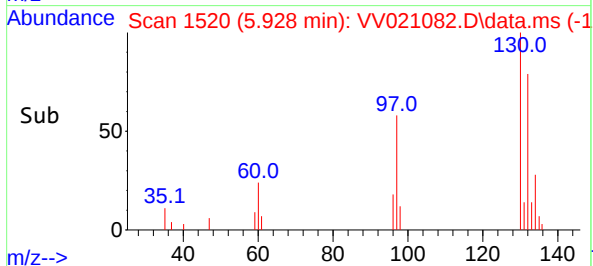
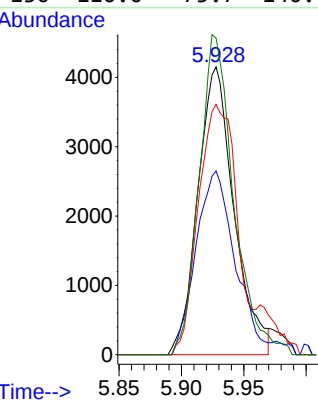
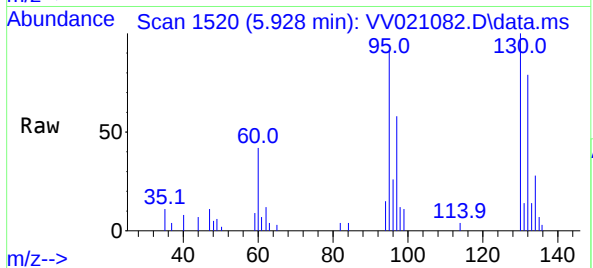
Ion Ratio Lower Upper

95 100

97 63.8 45.5 84.5

132 86.9 71.0 131.8

130 110.0 75.7 140.7



#42

Toluene

Concen: 0.90 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV021082.D

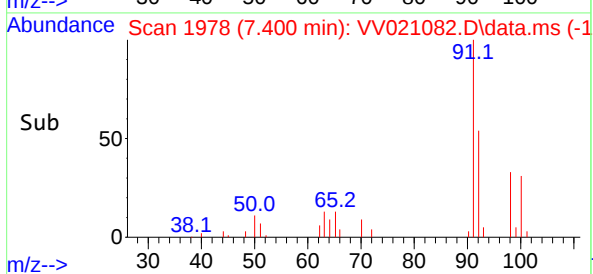
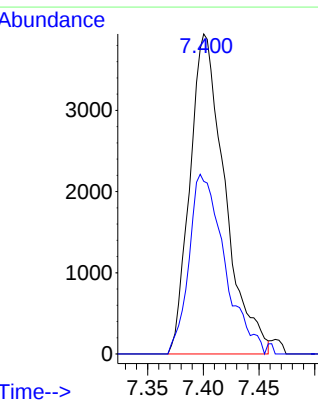
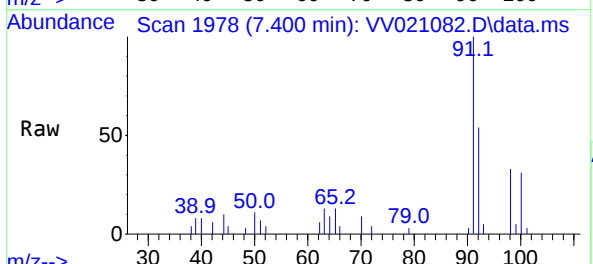
Acq: 21 Apr 2021 16:46

Tgt Ion: 91 Resp: 8583

Ion Ratio Lower Upper

91 100

92 53.9 41.0 76.2



Instrument :

MSVOA_V

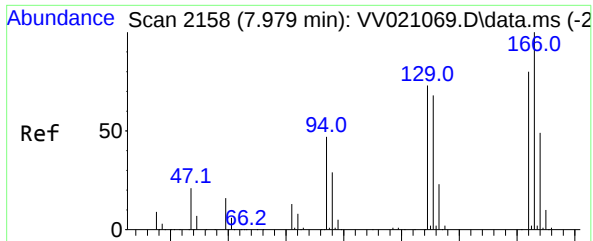
ClientSampled :

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#46
Tetrachloroethene
Concen: 25.79 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021082.D
Acq: 21 Apr 2021 16:46

Tgt Ion:164	Resp:	55607
Ion	Ratio	Lower Upper
164	100	
129	85.6	63.8 118.4
131	87.2	59.3 110.1
166	125.2	87.7 162.9

Instrument :
MSVOA_V
ClientSampleId :
BG7A3RE

Manual Integrations
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