

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

Instrument :
 MSVOA_V
 ClientSampleId :

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)

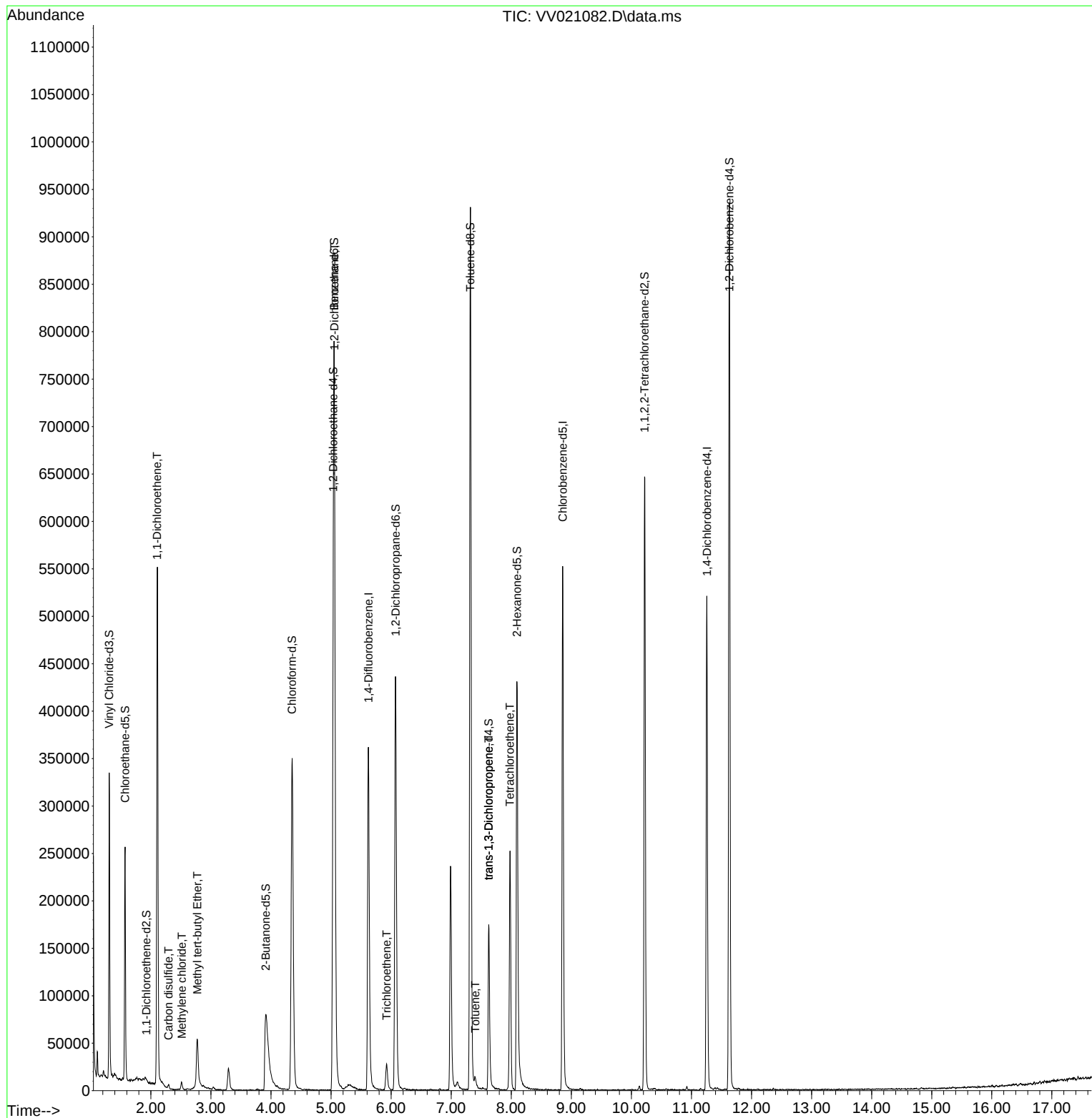
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	322143	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	312437	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.259	152	141473	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	192749	72.82	ug/L	0.00
Spiked Amount 50.000	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	1.925	63	153	0.03	ug/L	-0.18
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.06%#			
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
12) 1,1-Dichloroethene	2.105	96	2408	1.05	ug/L #	1
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
27) 1,2-Dichloroethane	5.056	62	4196	1.17	ug/L	99
34) Trichloroethene	5.928	95	8373	3.47	ug/L	94
42) Toluene	7.400	91	8583	0.90	ug/L	94
44) trans-1,3-Dichloropropene	7.625	75	4666	1.29	ug/L #	74
46) Tetrachloroethene	7.979	164	55607	25.79	ug/L	97

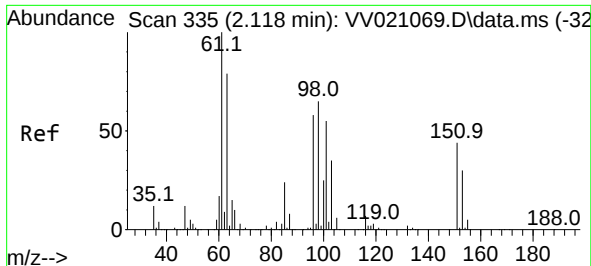
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042121\
Data File : VV021082.D
Acq On : 21 Apr 2021 16:46
Operator : SY/MD
Sample : M2067-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

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





#12

1,1-Dichloroethene

Concen: 1.05 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.013 min

Lab File: VV021082.D

Acq: 21 Apr 2021 16:46

Tgt Ion: 96 Resp: 2408

Ion Ratio Lower Upper

96 100

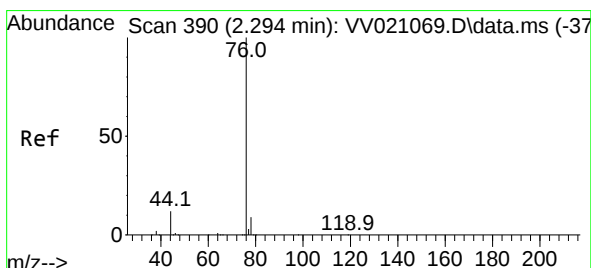
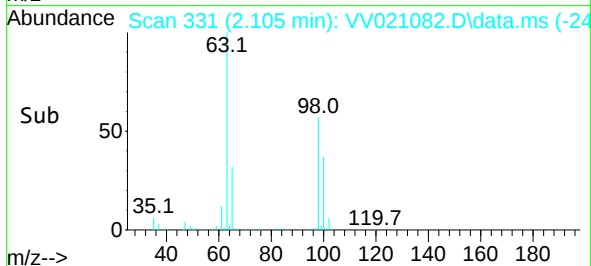
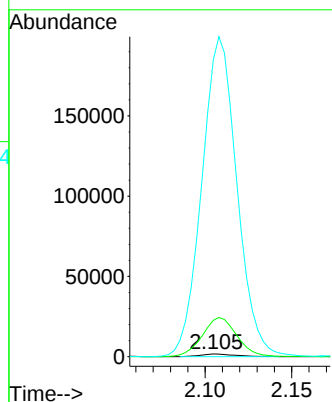
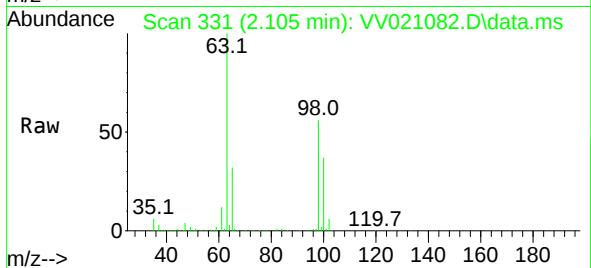
61 1326.8 121.4 225.6#

63 10858.2 98.1 182.1#

Instrument :

MSVOA_V

ClientSampled :



#14

Carbon disulfide

Concen: 0.79 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV021082.D

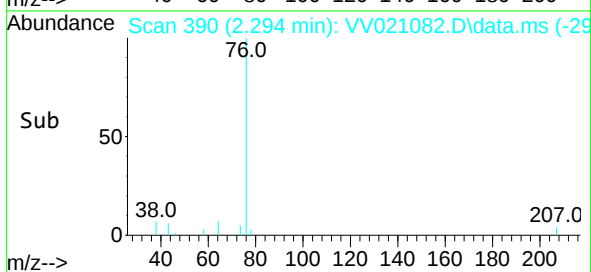
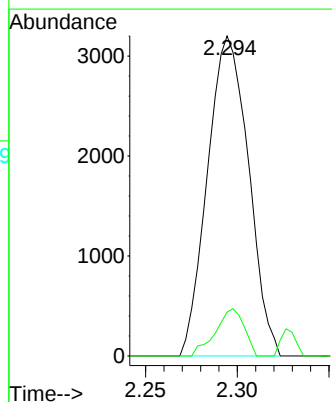
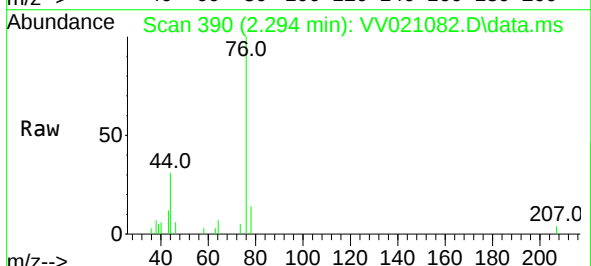
Acq: 21 Apr 2021 16:46

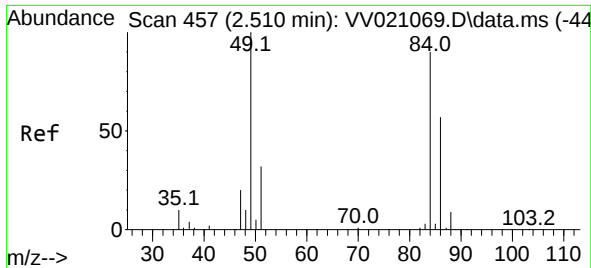
Tgt Ion: 76 Resp: 4980

Ion Ratio Lower Upper

76 100

78 13.7 7.4 11.2#

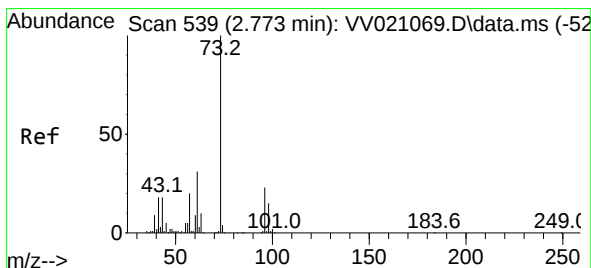
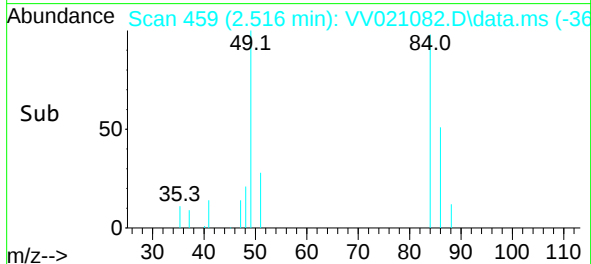
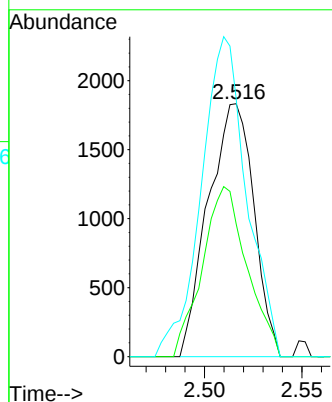
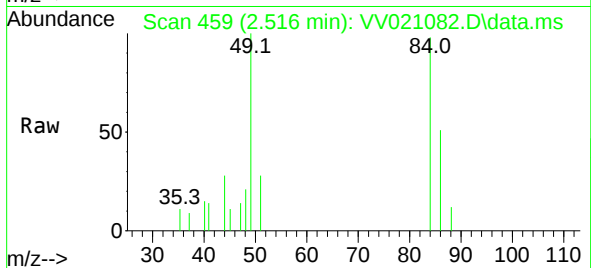




#16
Methylene chloride
Concen: 1.24 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.006 min
Lab File: VV021082.D
Acq: 21 Apr 2021 16:46

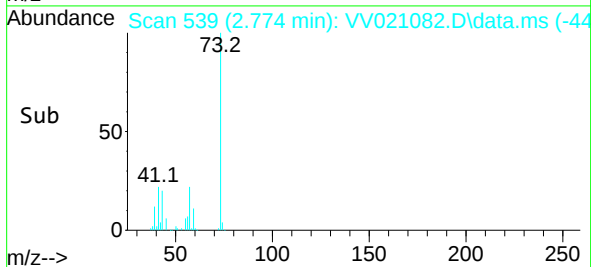
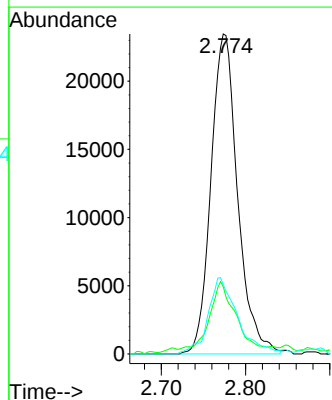
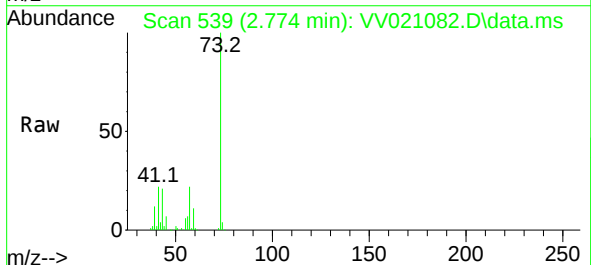
Instrument :
MSVOA_V
ClientSampled :

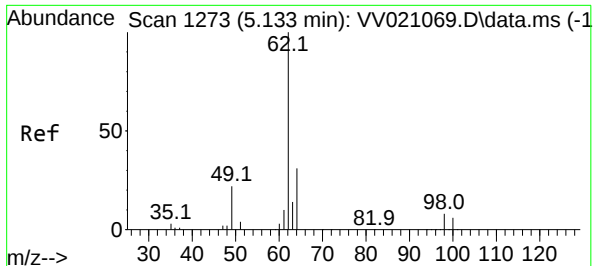
Tgt Ion: 84 Resp: 2981
Ion Ratio Lower Upper
84 100
86 52.4 44.9 83.5
49 102.0 78.1 145.1



#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#





#27

1,2-Dichloroethane

Concen: 1.17 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.077 min

Lab File: VV021082.D

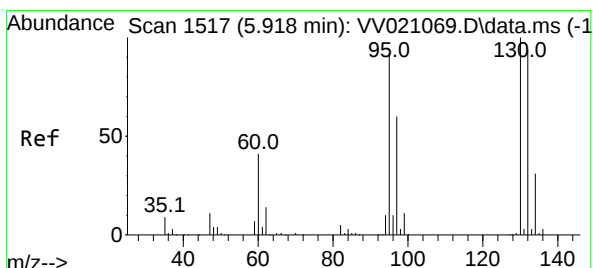
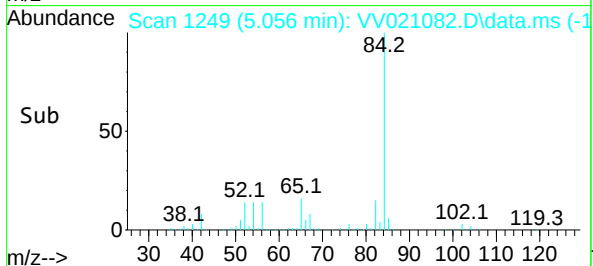
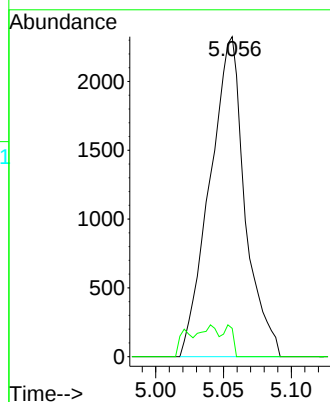
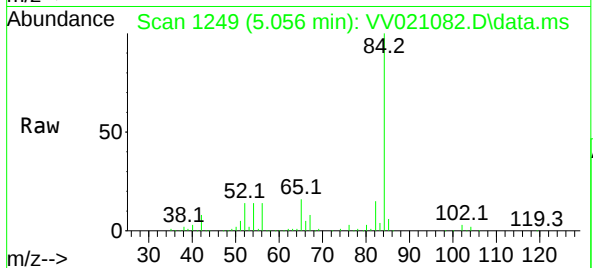
Acq: 21 Apr 2021 16:46

Tgt Ion: 62 Resp: 4196

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.7	10.1

Instrument :
MSVOA_V
ClientSampled :



#34

Trichloroethene

Concen: 3.47 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.010 min

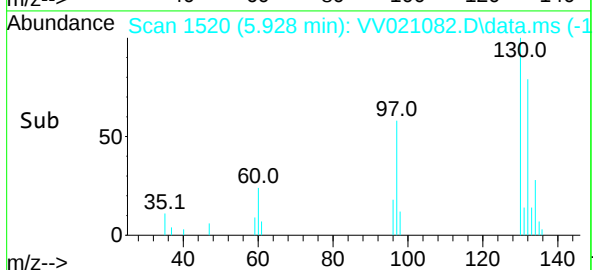
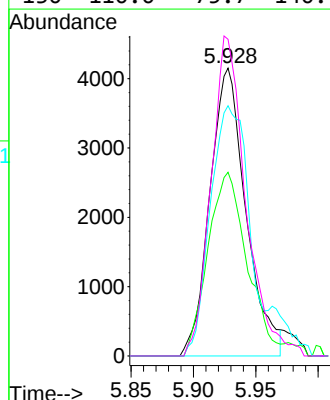
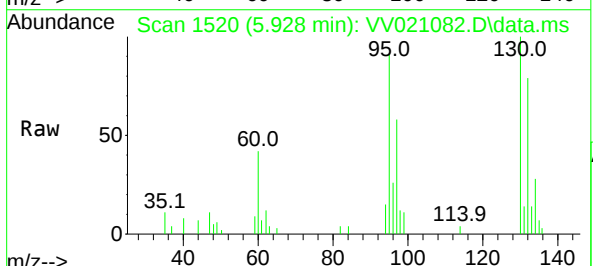
Lab File: VV021082.D

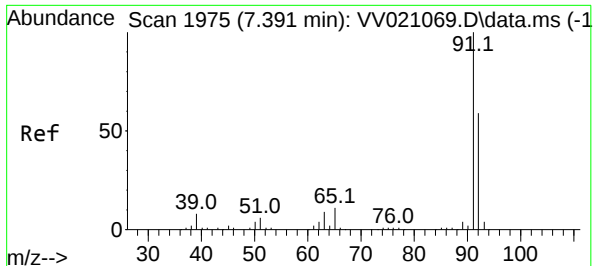
Acq: 21 Apr 2021 16:46

Tgt Ion: 95 Resp: 8373

Ion Ratio Lower Upper

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

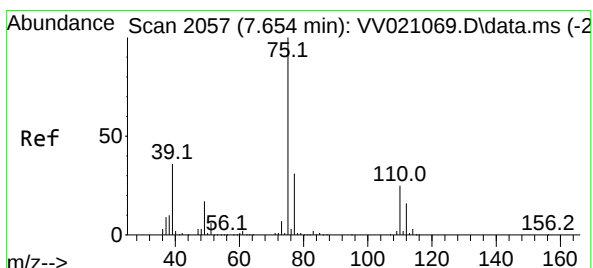
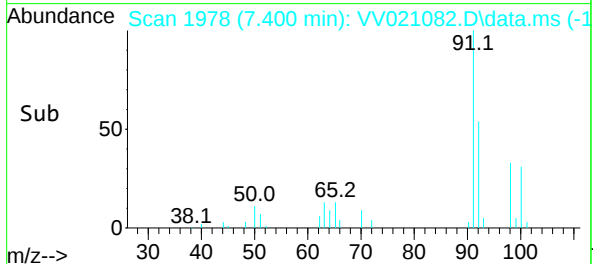
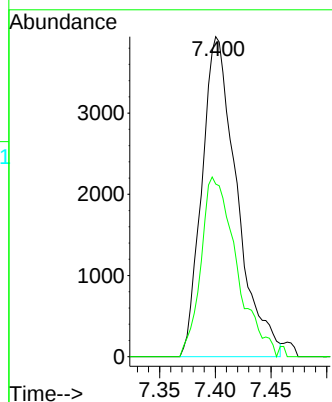
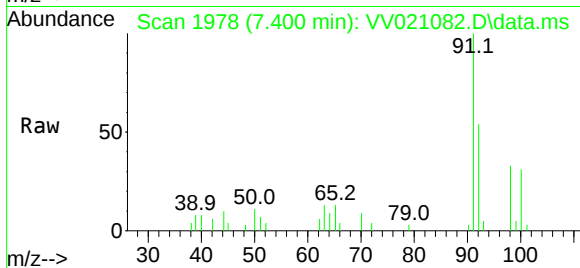
Acq: 21 Apr 2021 16:46

Tgt Ion: 91 Resp: 8583

Ion Ratio Lower Upper

91 100

92 53.9 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 1.29 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.029 min

Lab File: VV021082.D

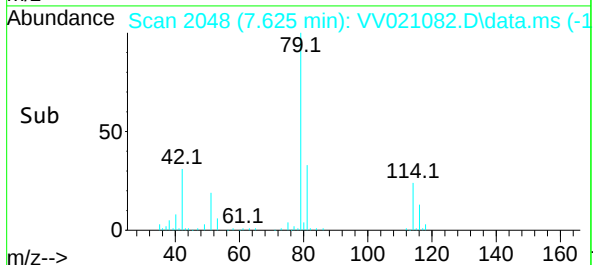
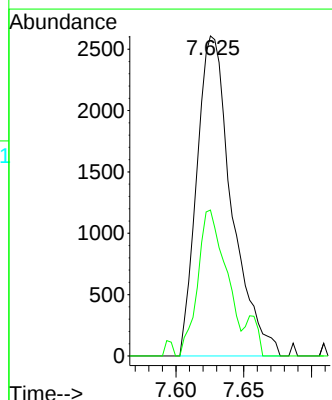
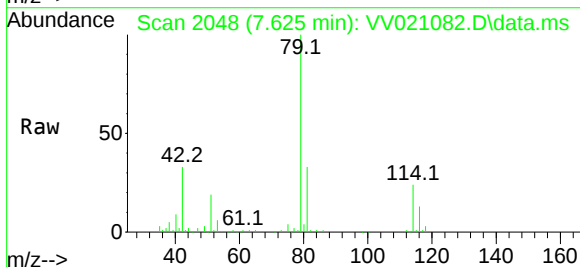
Acq: 21 Apr 2021 16:46

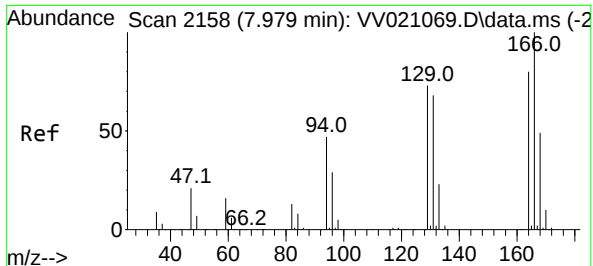
Tgt Ion: 75 Resp: 4666

Ion Ratio Lower Upper

75 100

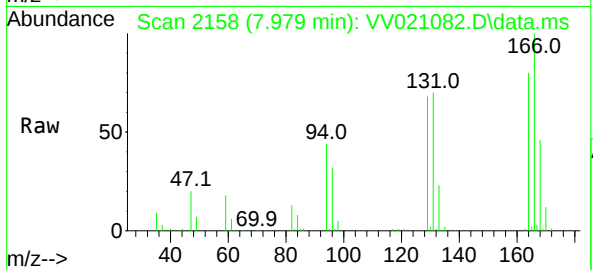
77 45.6 21.8 40.6#





#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

Instrument :
 MSVOA_V
 ClientSampleId :



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

