

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022481.D
 Acq On : 01 Oct 2021 22:53
 Operator : SY/MD
 Sample : M4024-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG9

Quant Time: Oct 02 01:38:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:27:14 2021
 Response via : Initial Calibration

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

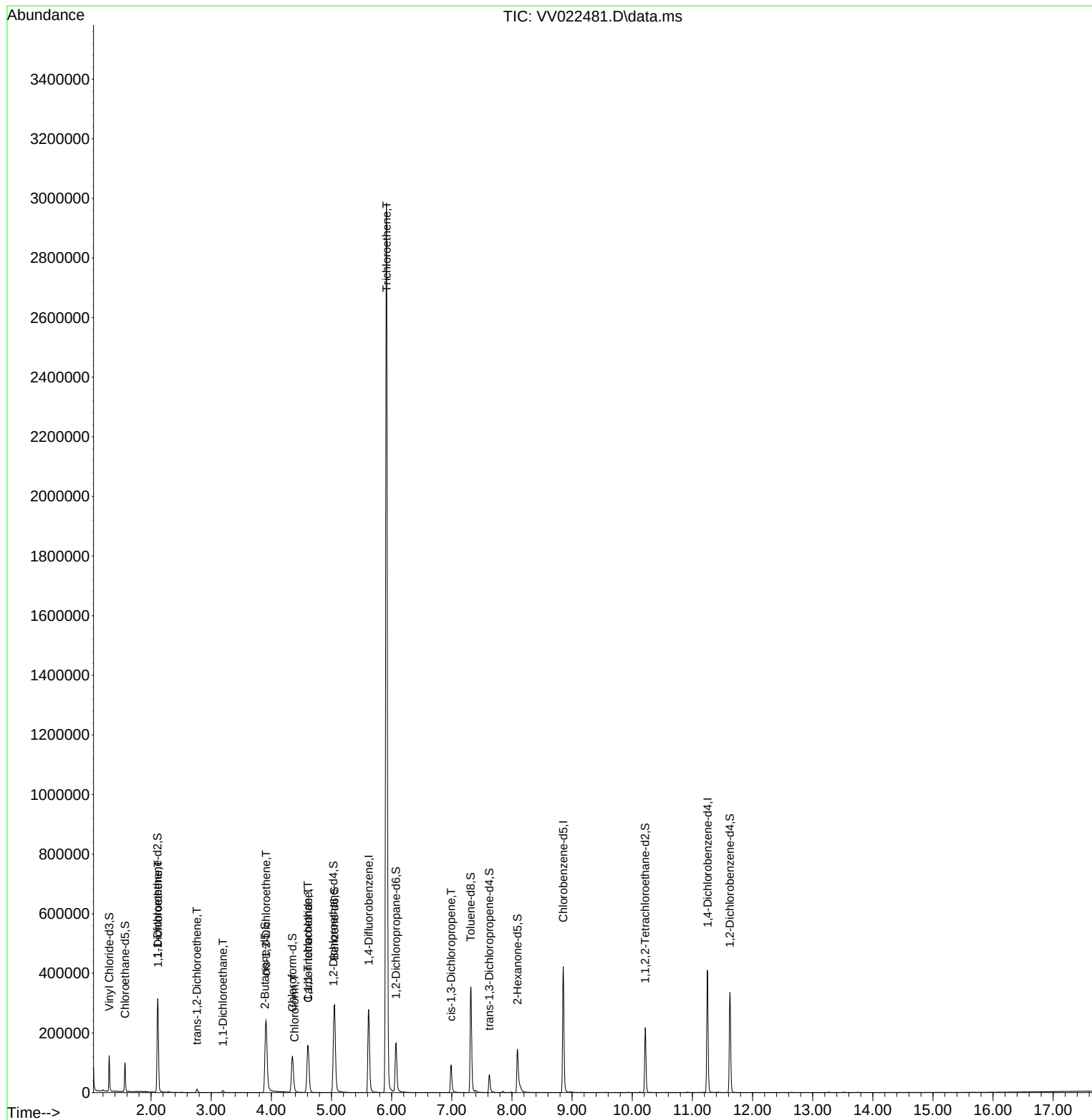
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	249901	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	234772	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	110850	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73940	47.841	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.680%		
7) Chloroethane-d5	1.568	69	59584	49.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.080%		
11) 1,1-Dichloroethene-d2	2.108	63	132342	43.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.860%		
21) 2-Butanone-d5	3.892	46	57638	67.751	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	67.750%		
24) Chloroform-d	4.349	84	125603	44.481	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.960%		
26) 1,2-Dichloroethane-d4	5.034	65	77026	47.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.040%		
32) Benzene-d6	5.050	84	263993	48.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.080%		
36) 1,2-Dichloropropane-d6	6.072	67	80237	47.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.840%		
41) Toluene-d8	7.317	98	236850	47.474	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.940%		
43) trans-1,3-Dichloroprop...	7.625	79	35067	44.266	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.540%		
47) 2-Hexanone-d5	8.091	63	60596	87.363	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.360%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	100881	43.329	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.660%		
66) 1,2-Dichlorobenzene-d4	11.625	152	90447	50.035	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.060%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	51060	29.250	ug/L	87
17) trans-1,2-Dichloroethene	2.761	96	4102	2.141	ug/L	99
19) 1,1-Dichloroethane	3.195	63	6809	2.008	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	129361	63.366	ug/L	99
25) Chloroform	4.384	83	2805	0.822	ug/L	88
30) 1,1,1-Trichloroethane	4.609	97	130581	44.525	ug/L	99
31) Carbon tetrachloride	4.613	117	17232	6.688	ug/L	99
34) Trichloroethene	5.915	95	1015206	536.378	ug/L	99
39) cis-1,3-Dichloropropene	6.989	75	2159	0.773	ug/L #	63

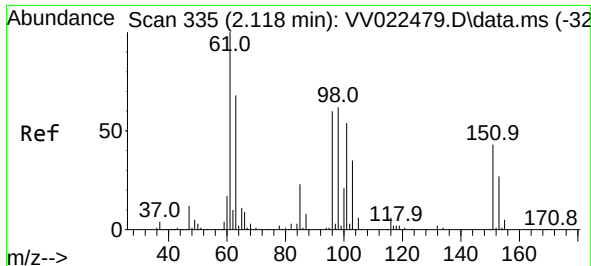
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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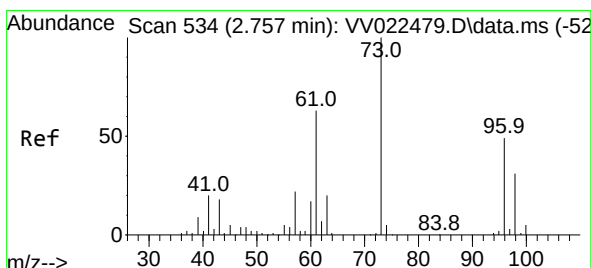
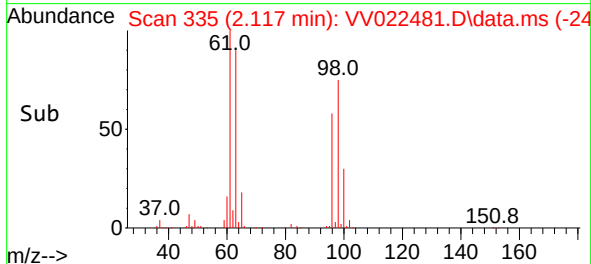
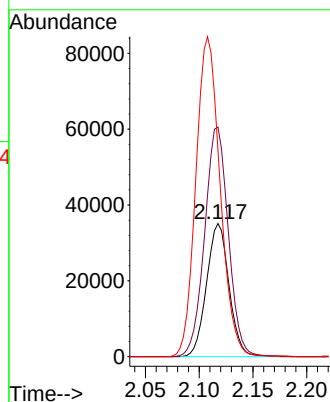
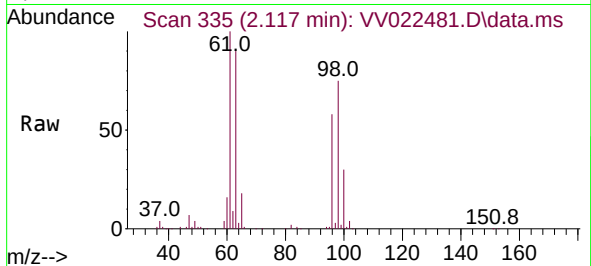




#12
1,1-Dichloroethene
Concen: 29.250 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV022481.D
Acq: 01 Oct 2021 22:53

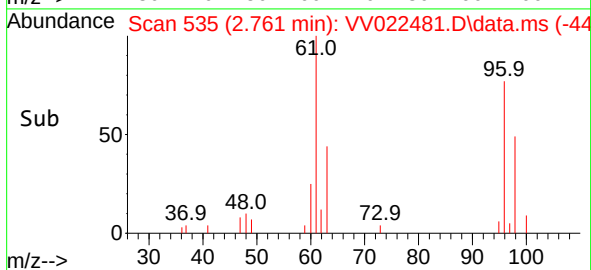
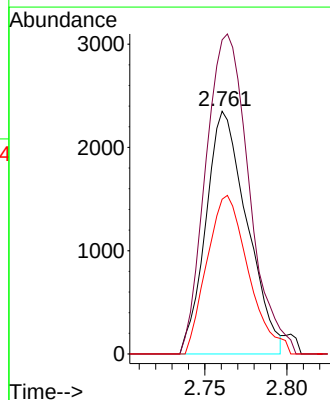
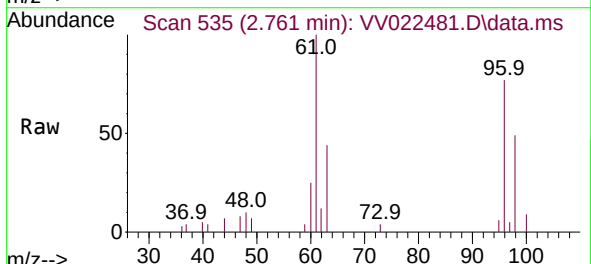
Instrument :
MSVOA_V
ClientSampleId :
C0AG9

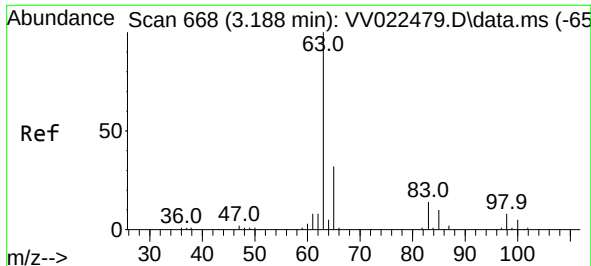
Tgt Ion: 96 Resp: 51060
Ion Ratio Lower Upper
96 100
61 172.4 118.0 219.2
63 155.0 86.4 160.4



#17
trans-1,2-Dichloroethene
Concen: 2.141 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022481.D
Acq: 01 Oct 2021 22:53

Tgt Ion: 96 Resp: 4102
Ion Ratio Lower Upper
96 100
61 129.3 90.8 168.6
98 63.7 44.0 81.8





#19

1,1-Dichloroethane

Concen: 2.008 ug/L

RT: 3.195 min Scan# 670

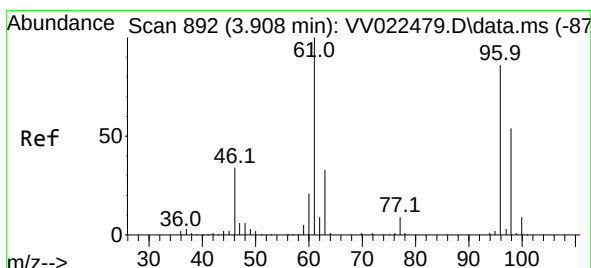
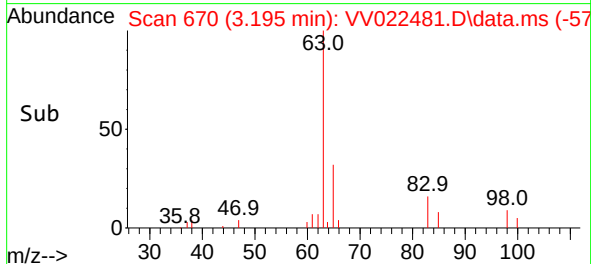
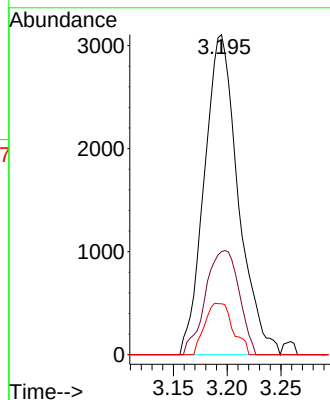
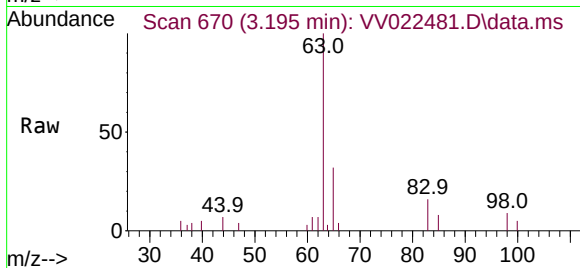
Delta R.T. 0.006 min

Lab File: VV022481.D

Acq: 01 Oct 2021 22:53

Tgt Ion: 63	Resp: 6809
Ion Ratio	Lower Upper
63 100	
65 32.2	22.9 42.5
83 15.9	9.4 17.4

Instrument :
MSVOA_V
ClientSampleId :
C0AG9



#20

cis-1,2-Dichloroethene

Concen: 63.366 ug/L

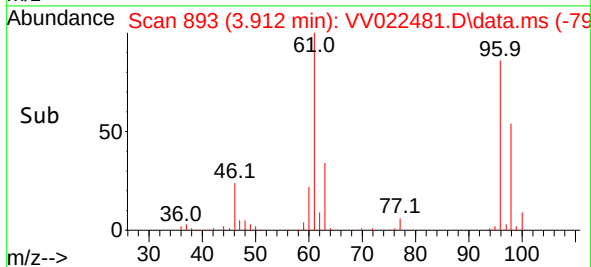
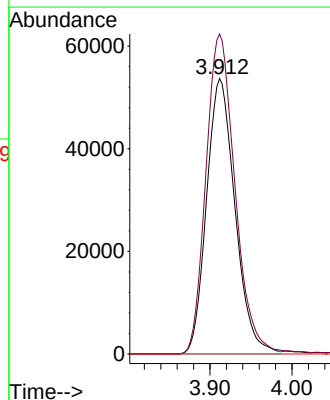
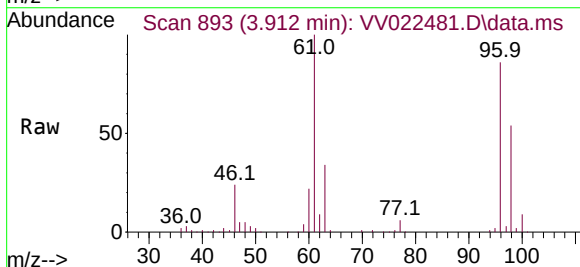
RT: 3.912 min Scan# 893

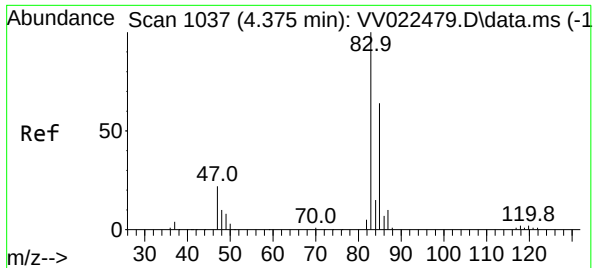
Delta R.T. 0.003 min

Lab File: VV022481.D

Acq: 01 Oct 2021 22:53

Tgt Ion: 96	Resp: 129361
Ion Ratio	Lower Upper
96 100	
61 116.1	81.9 152.1
68 0.0	0.0 0.0

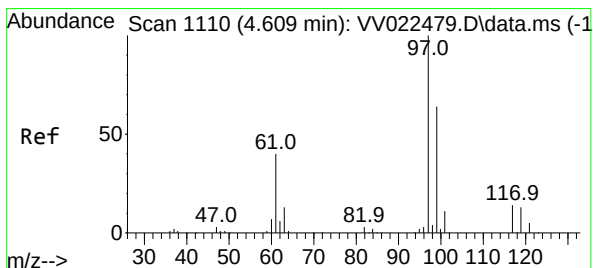
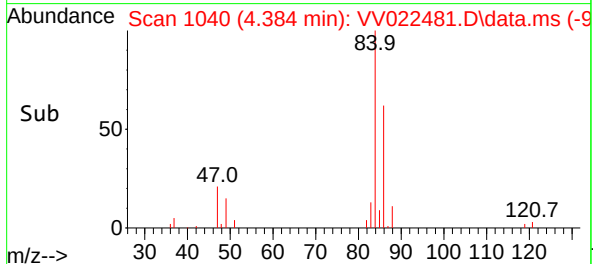
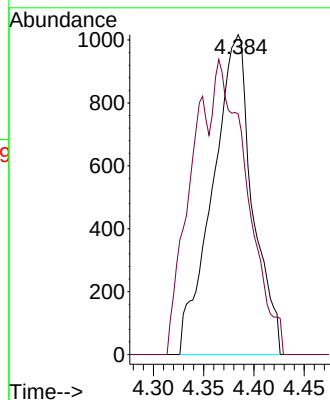
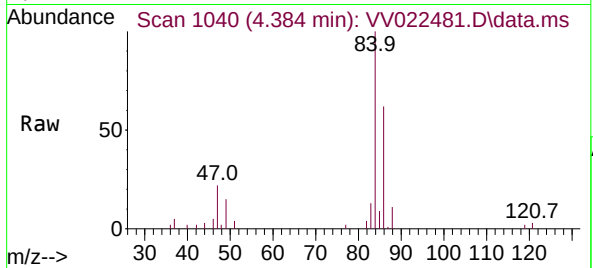




#25
Chloroform
Concen: 0.822 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.010 min
Lab File: VV022481.D
Acq: 01 Oct 2021 22:53

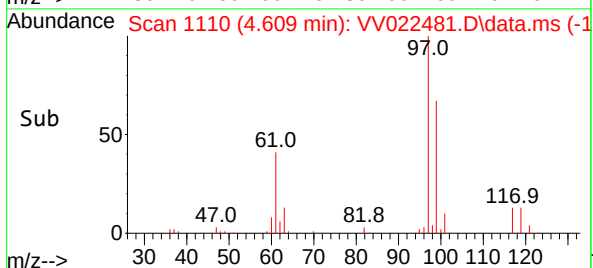
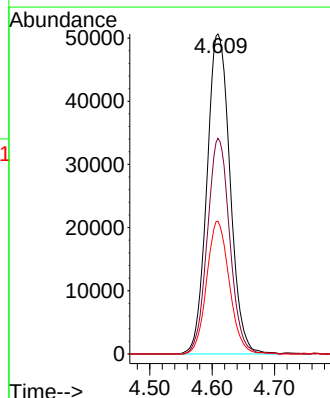
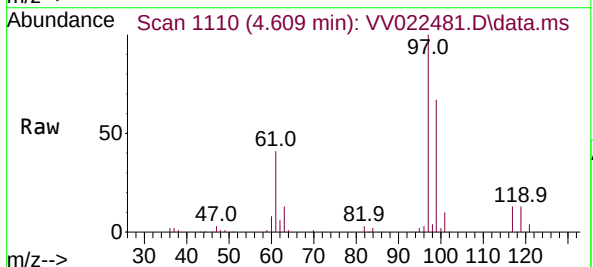
Instrument :
MSVOA_V
ClientSampled :
C0AG9

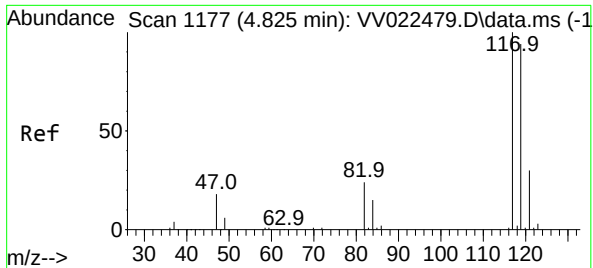
Tgt Ion: 83 Resp: 2805
Ion Ratio Lower Upper
83 100
85 75.2 45.8 85.0



#30
1,1,1-Trichloroethane
Concen: 44.525 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV022481.D
Acq: 01 Oct 2021 22:53

Tgt Ion: 97 Resp: 130581
Ion Ratio Lower Upper
97 100
99 65.2 51.7 77.5
61 40.5 32.9 49.3

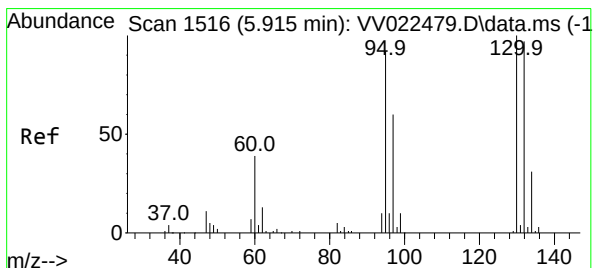
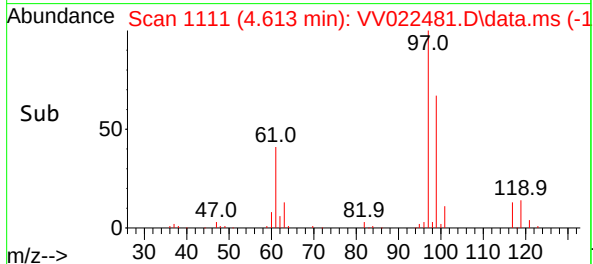
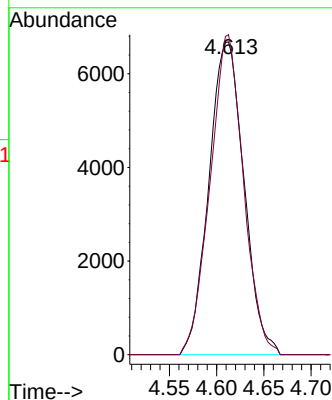
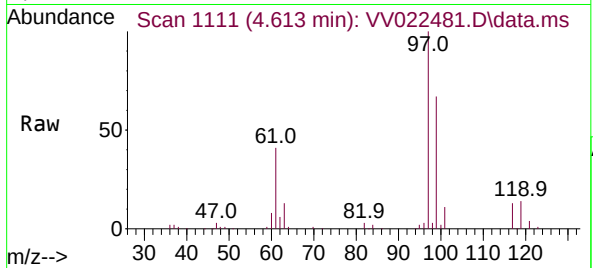




#31
Carbon tetrachloride
Concen: 6.688 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. -0.212 min
Lab File: VV022481.D
Acq: 01 Oct 2021 22:53

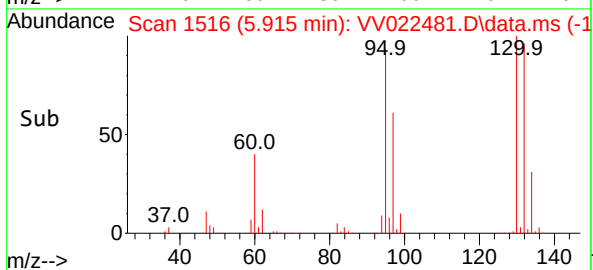
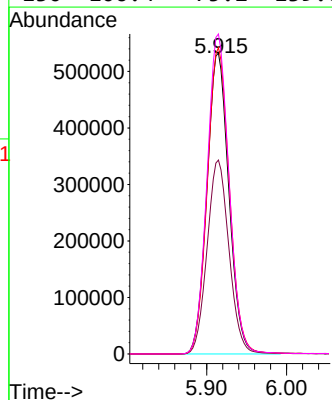
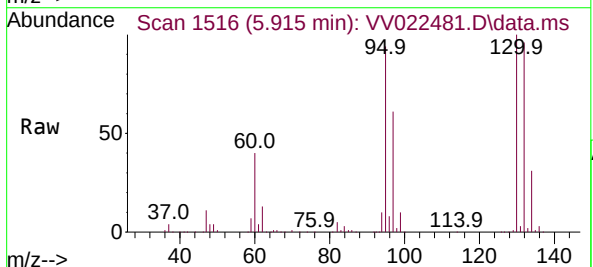
Instrument :
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ClientSampleId :
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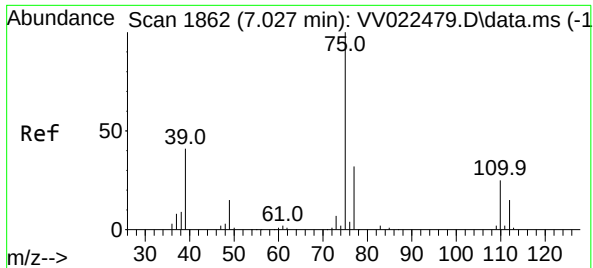
Tgt Ion:117 Resp: 17232
Ion Ratio Lower Upper
117 100
119 97.2 78.3 117.5



#34
Trichloroethene
Concen: 536.378 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022481.D
Acq: 01 Oct 2021 22:53

Tgt Ion: 95 Resp: 1015206
Ion Ratio Lower Upper
95 100
97 64.5 45.4 84.4
132 101.8 71.5 132.9
130 106.4 75.2 139.6





#39
 cis-1,3-Dichloropropene
 Concen: 0.773 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.039 min
 Lab File: VV022481.D
 Acq: 01 Oct 2021 22:53

Instrument :
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Tgt Ion: 75 Resp: 2159
 Ion Ratio Lower Upper
 75 100
 77 51.2 21.6 40.2#

