

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022523.D
 Acq On : 02 Oct 2021 20:04
 Operator : SY/MD
 Sample : M4023-07DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:02:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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

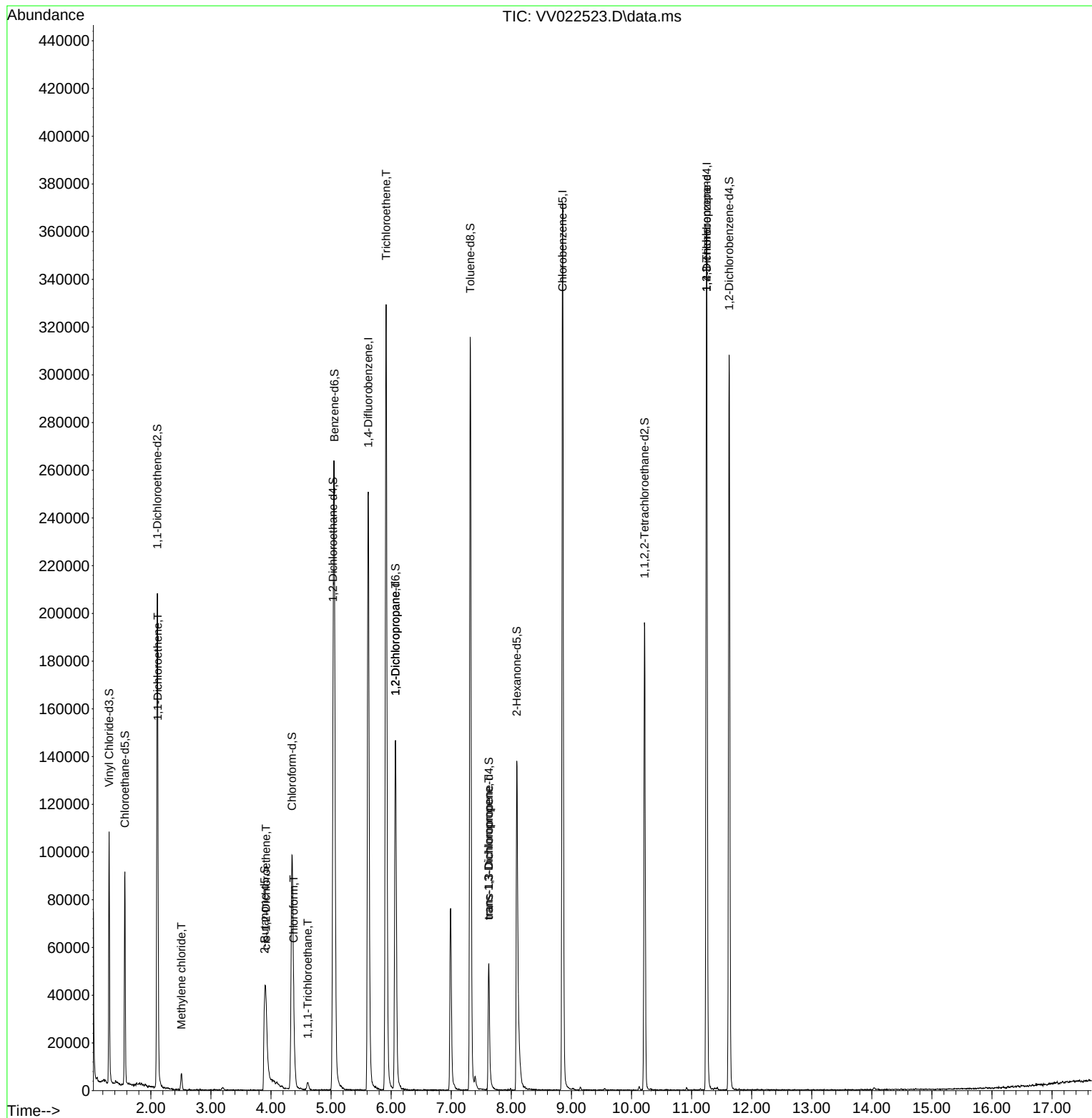
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	226149	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	211438	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	99240	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64338	46.000	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.000%		
7) Chloroethane-d5	1.568	69	54372	49.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.920%		
11) 1,1-Dichloroethene-d2	2.108	63	102386	37.126	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.260%		
21) 2-Butanone-d5	3.892	46	63802	82.873	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.870%		
24) Chloroform-d	4.349	84	100195	39.210	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.420%		
26) 1,2-Dichloroethane-d4	5.034	65	70670	47.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.340%		
32) Benzene-d6	5.053	84	236771	48.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.680%		
36) 1,2-Dichloropropane-d6	6.072	67	73378	48.661	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.320%		
41) Toluene-d8	7.317	98	209945	46.725	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.460%		
43) trans-1,3-Dichloroprop...	7.625	79	31589	44.276	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.560%		
47) 2-Hexanone-d5	8.091	63	53014	84.867	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.870%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	91707	43.735	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.480%		
66) 1,2-Dichlorobenzene-d4	11.625	152	83443	51.560	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.120%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	10388	6.576	ug/L #	1
16) Methylene chloride	2.510	84	2765	1.393	ug/L	95
20) cis-1,2-Dichloroethene	3.915	96	12568	6.803	ug/L	95
25) Chloroform	4.378	83	16910	5.477	ug/L	97
30) 1,1,1-Trichloroethane	4.612	97	1871	0.708	ug/L #	70
34) Trichloroethene	5.915	95	112678	66.103	ug/L	99
37) 1,2-Dichloropropane	6.072	63	7968	4.767	ug/L #	85
44) trans-1,3-Dichloropropene	7.622	75	1575	0.651	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	10753	5.698	ug/L #	63

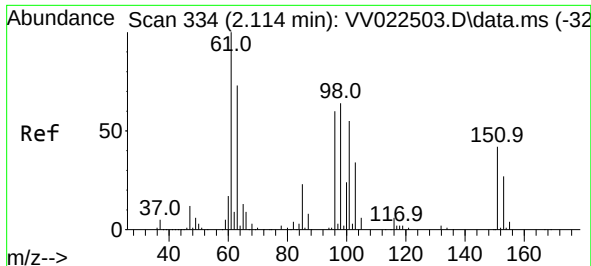
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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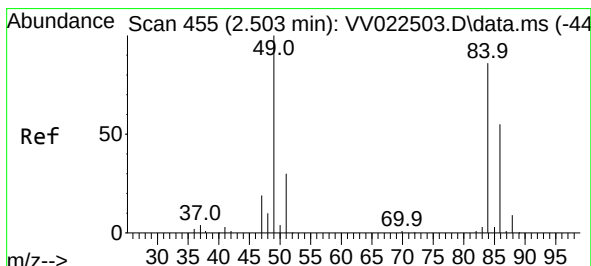
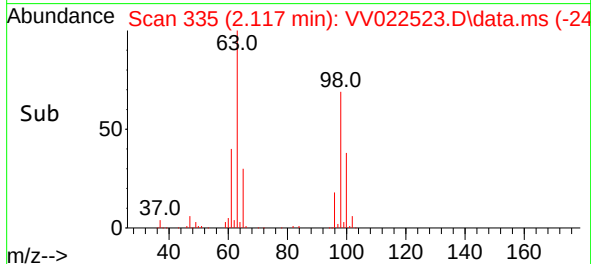
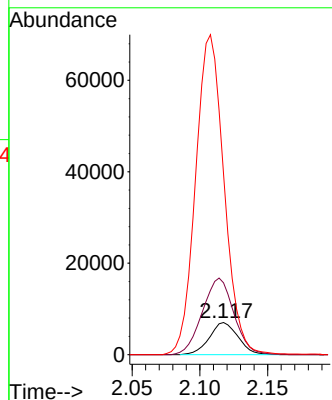
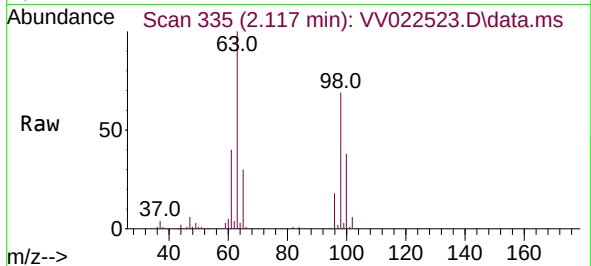




#12
1,1-Dichloroethene
Concen: 6.576 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022523.D
Acq: 02 Oct 2021 20:04

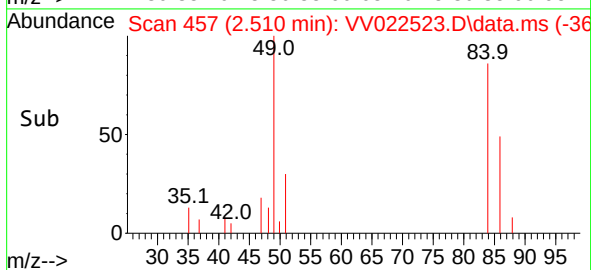
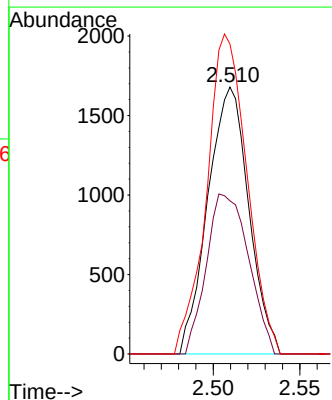
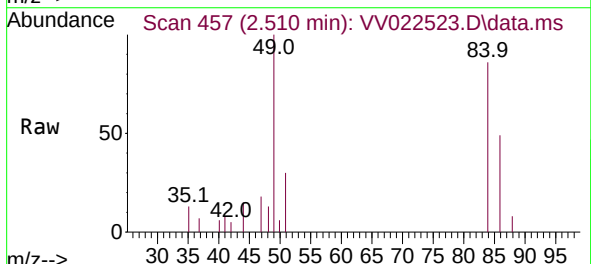
Instrument :
MSVOA_V
ClientSampled :

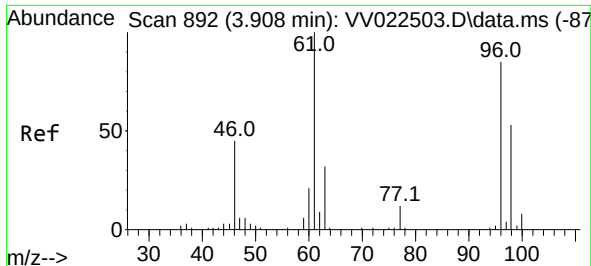
Tgt Ion: 96 Resp: 10388
Ion Ratio Lower Upper
96 100
61 223.1 118.0 219.2#
63 559.9 86.4 160.4#



#16
Methylene chloride
Concen: 1.393 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV022523.D
Acq: 02 Oct 2021 20:04

Tgt Ion: 84 Resp: 2765
Ion Ratio Lower Upper
84 100
86 57.4 45.6 84.6
49 116.1 82.7 153.7

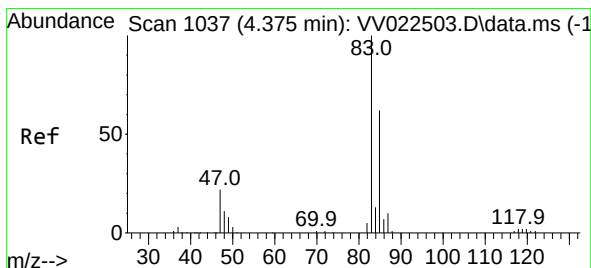
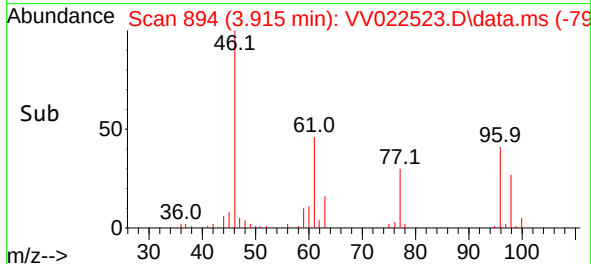
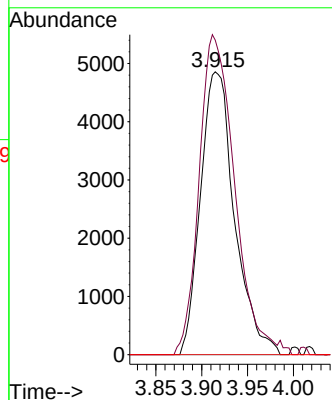
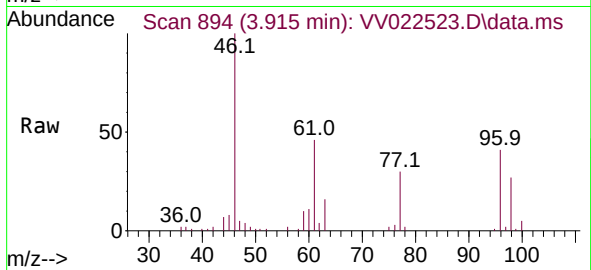




#20
cis-1,2-Dichloroethene
Concen: 6.803 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022523.D
Acq: 02 Oct 2021 20:04

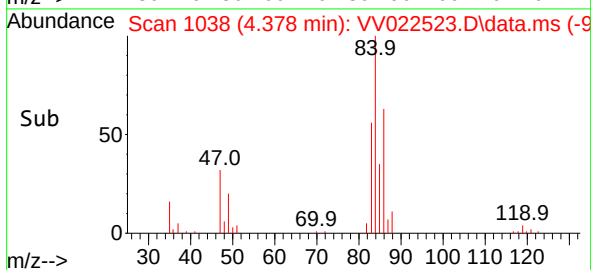
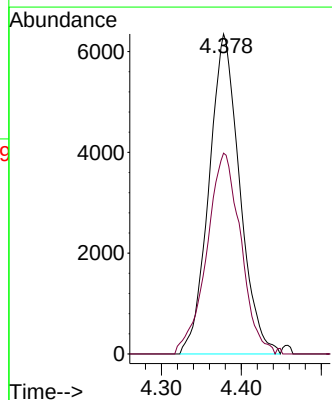
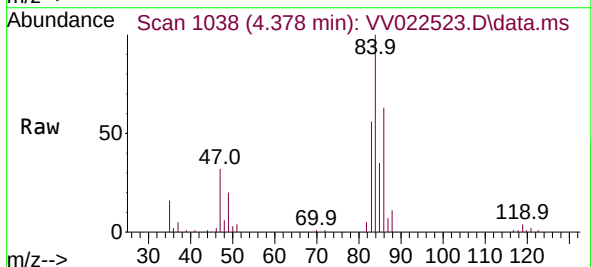
Instrument :
MSVOA_V
ClientSampleId :

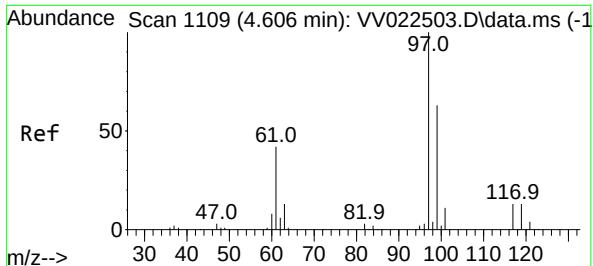
Tgt Ion: 96 Resp: 12568
Ion Ratio Lower Upper
96 100
61 111.2 81.9 152.1
68 0.0 0.0 0.0



#25
Chloroform
Concen: 5.477 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022523.D
Acq: 02 Oct 2021 20:04

Tgt Ion: 83 Resp: 16910
Ion Ratio Lower Upper
83 100
85 62.7 45.8 85.0

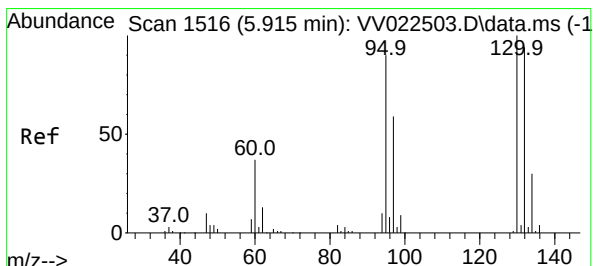
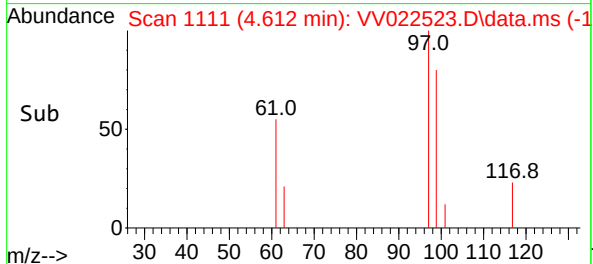
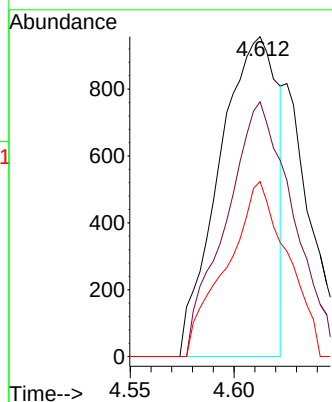
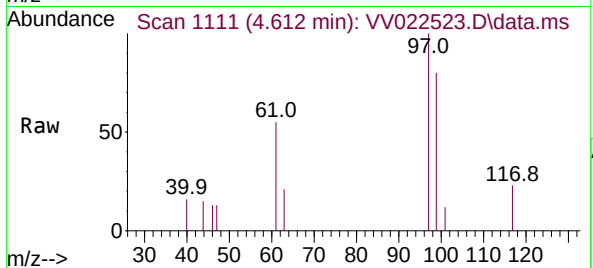




#30
1,1,1-Trichloroethane
Concen: 0.708 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV022523.D
Acq: 02 Oct 2021 20:04

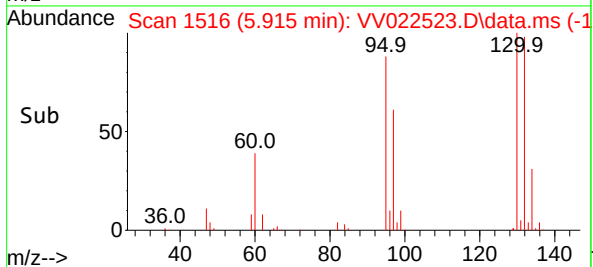
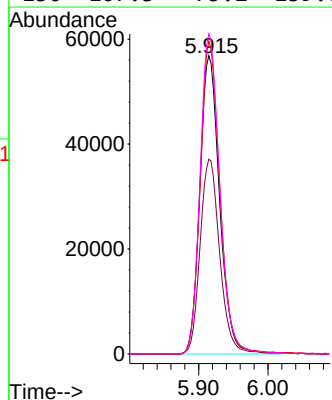
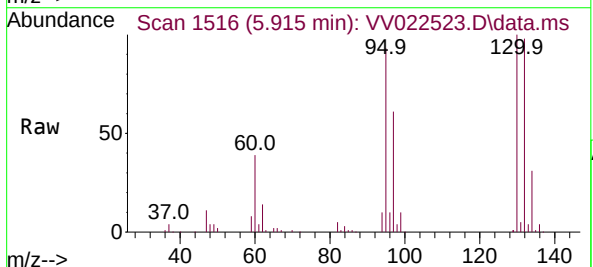
Instrument :
MSVOA_V
ClientSampled :

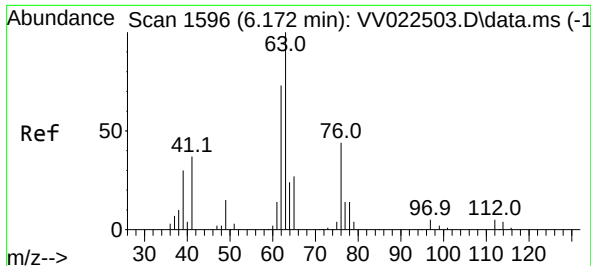
Tgt Ion: 97 Resp: 1871
Ion Ratio Lower Upper
97 100
99 91.2 51.7 77.5#
61 56.8 32.9 49.3#



#34
Trichloroethene
Concen: 66.103 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022523.D
Acq: 02 Oct 2021 20:04

Tgt Ion: 95 Resp: 112678
Ion Ratio Lower Upper
95 100
97 65.3 45.4 84.4
132 104.8 71.5 132.9
130 107.3 75.2 139.6





#37

1,2-Dichloropropane

Concen: 4.767 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV022523.D

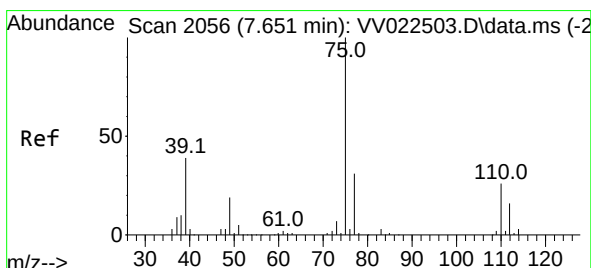
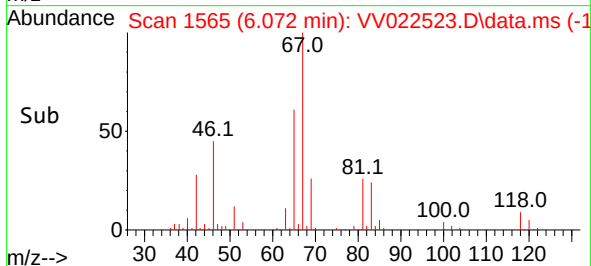
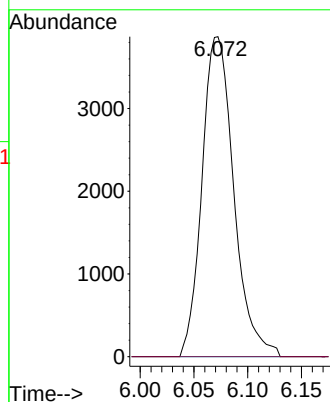
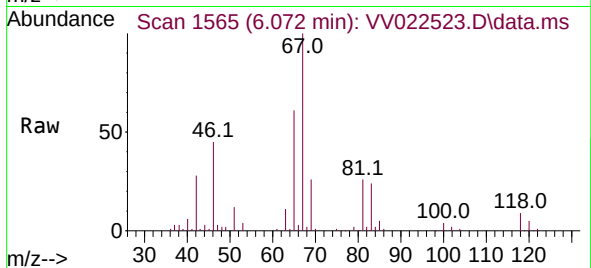
Acq: 02 Oct 2021 20:04

Tgt Ion: 63 Resp: 7968

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#44

trans-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV022523.D

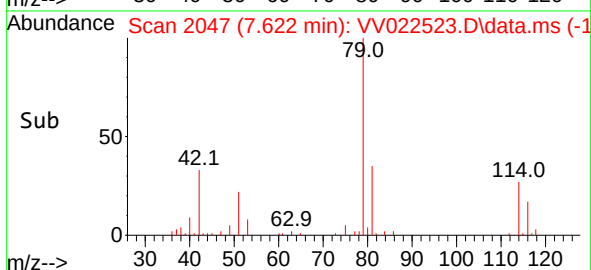
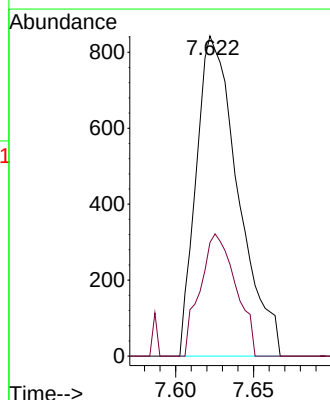
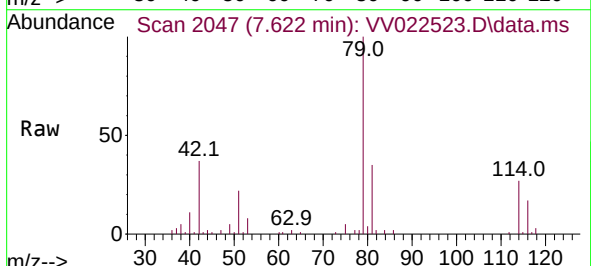
Acq: 02 Oct 2021 20:04

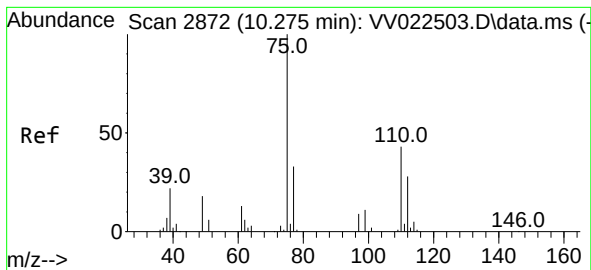
Tgt Ion: 75 Resp: 1575

Ion Ratio Lower Upper

75 100

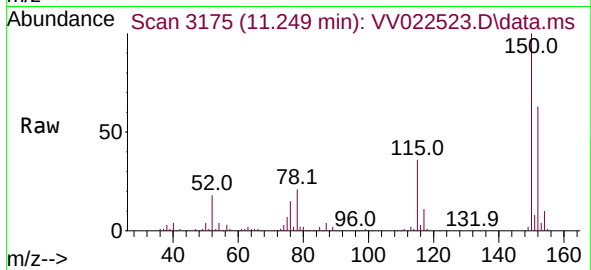
77 35.5 22.0 40.8





#61
 1,2,3-Trichloropropane
 Concen: 5.698 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022523.D
 Acq: 02 Oct 2021 20:04

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 10753
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.0 39.0
 110 2.5 34.3 51.5#

