

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022524.D
 Acq On : 02 Oct 2021 20:28
 Operator : SY/MD
 Sample : M4023-08DL 1000X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:02:51 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)

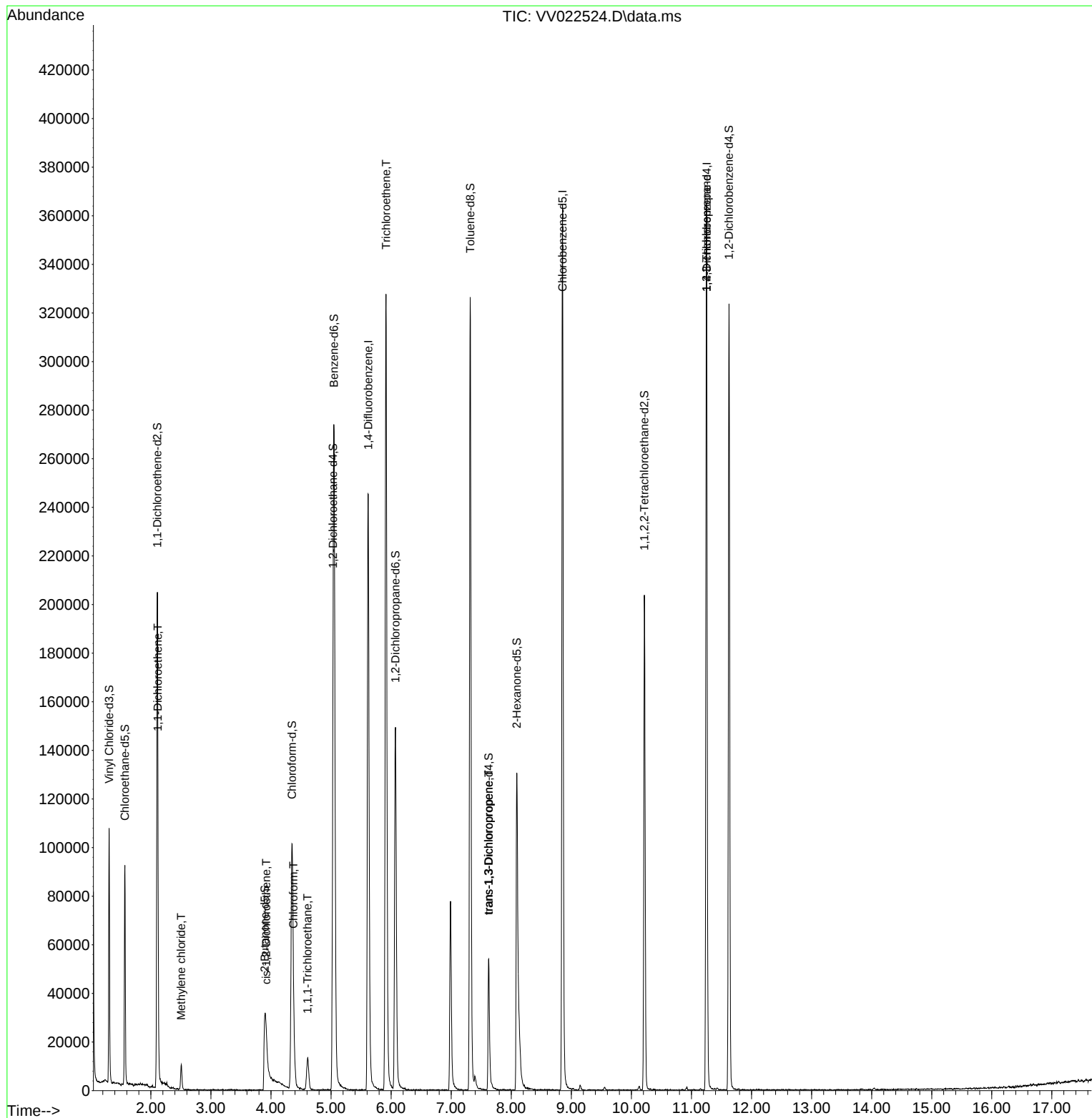
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	222973	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	210694	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	98319	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65163	47.254	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.500%		
7) Chloroethane-d5	1.568	69	54004	49.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.640%		
11) 1,1-Dichloroethene-d2	2.108	63	100979	37.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.280%		
21) 2-Butanone-d5	3.896	46	60925	80.263	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.260%		
24) Chloroform-d	4.349	84	102316	40.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.220%		
26) 1,2-Dichloroethane-d4	5.034	65	73061	49.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.980%		
32) Benzene-d6	5.050	84	240561	49.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.560%		
36) 1,2-Dichloropropane-d6	6.072	67	73609	48.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.980%		
41) Toluene-d8	7.317	98	219322	48.985	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.960%		
43) trans-1,3-Dichloroprop...	7.622	79	31460	44.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.500%		
47) 2-Hexanone-d5	8.092	63	55413	89.021	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.020%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	93136	44.574	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.140%		
66) 1,2-Dichlorobenzene-d4	11.625	152	85388	53.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.520%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	8304	5.331	ug/L #	1
16) Methylene chloride	2.507	84	4304	2.199	ug/L	92
20) cis-1,2-Dichloroethene	3.921	96	4751	2.608	ug/L	97
25) Chloroform	4.375	83	15536	5.103	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	10960	4.164	ug/L	98
34) Trichloroethene	5.915	95	109555	64.498	ug/L	99
44) trans-1,3-Dichloropropene	7.625	75	1454	0.603	ug/L #	79
61) 1,2,3-Trichloropropane	11.249	75	10612	5.675	ug/L #	63

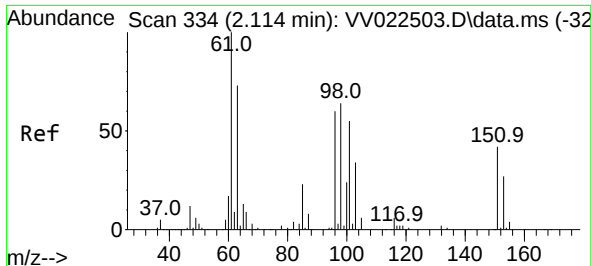
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
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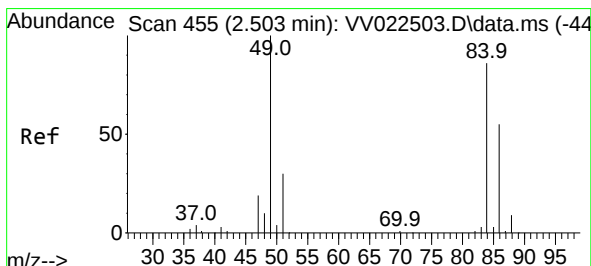
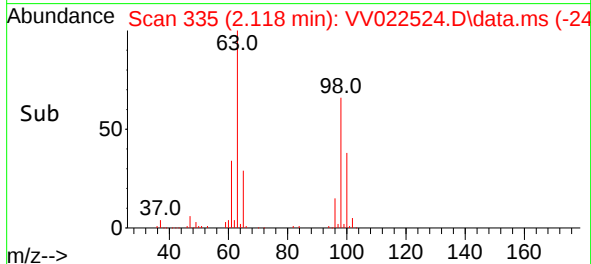
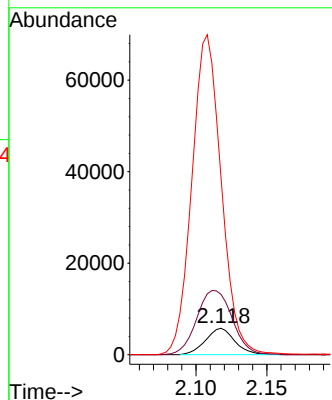
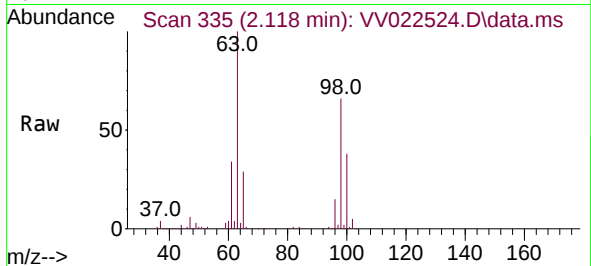




#12
1,1-Dichloroethene
Concen: 5.331 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022524.D
Acq: 02 Oct 2021 20:28

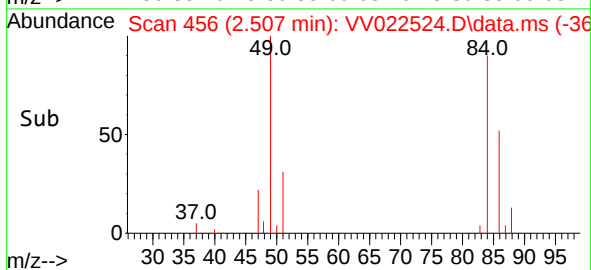
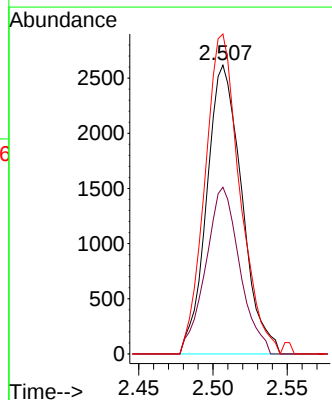
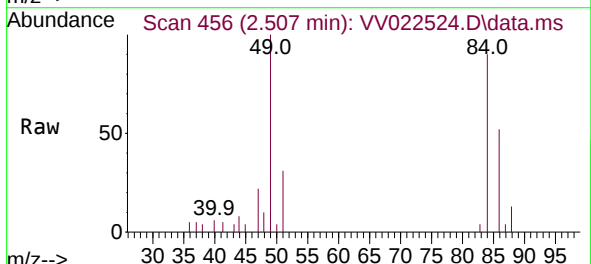
Instrument :
MSVOA_V
ClientSampled :

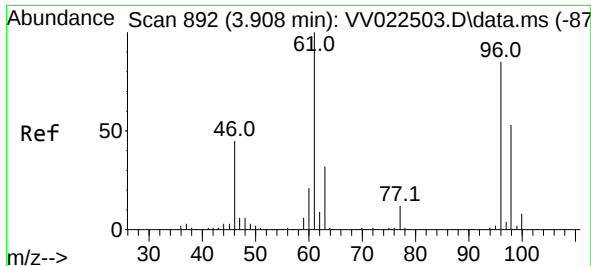
Tgt Ion: 96 Resp: 8304
Ion Ratio Lower Upper
96 100
61 229.1 118.0 219.2#
63 673.7 86.4 160.4#



#16
Methylene chloride
Concen: 2.199 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022524.D
Acq: 02 Oct 2021 20:28

Tgt Ion: 84 Resp: 4304
Ion Ratio Lower Upper
84 100
86 57.7 45.6 84.6
49 110.8 82.7 153.7

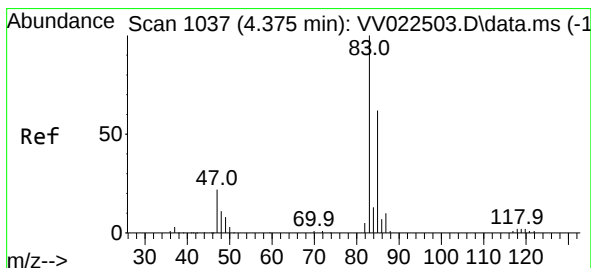
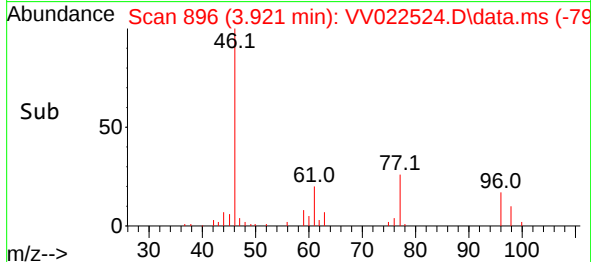
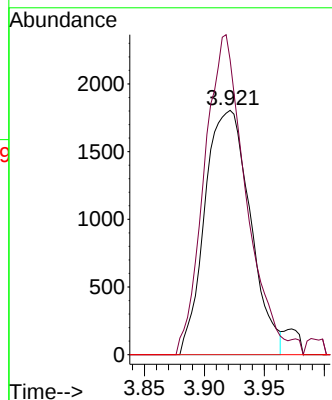
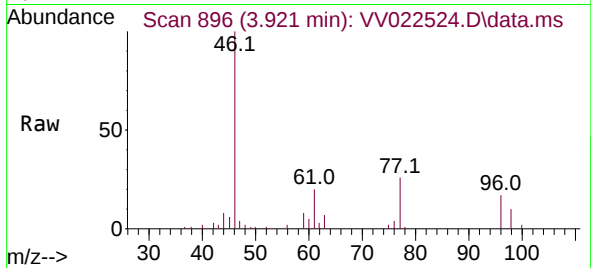




#20
cis-1,2-Dichloroethene
Concen: 2.608 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV022524.D
Acq: 02 Oct 2021 20:28

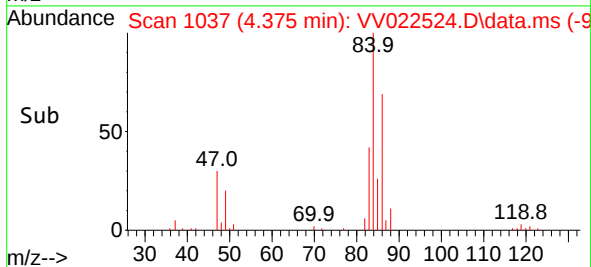
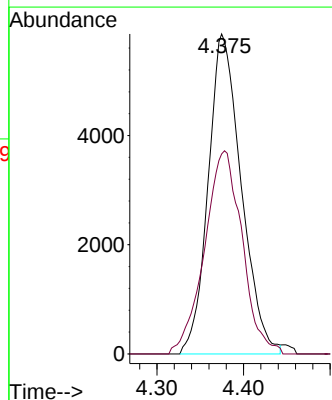
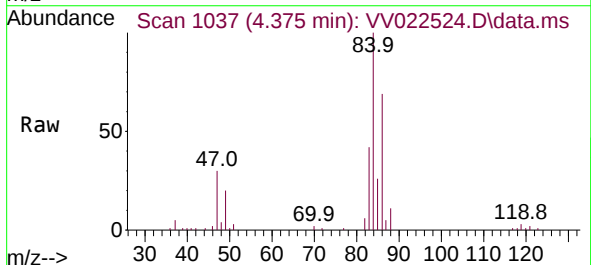
Instrument :
MSVOA_V
ClientSampled :

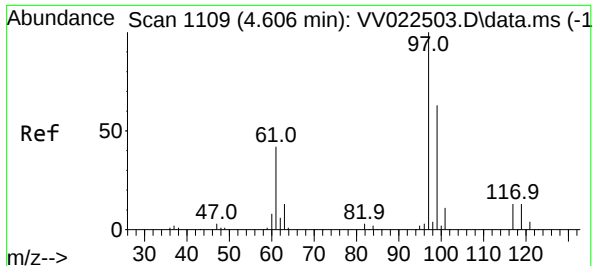
Tgt Ion: 96 Resp: 4751
Ion Ratio Lower Upper
96 100
61 120.7 81.9 152.1
68 0.0 0.0 0.0



#25
Chloroform
Concen: 5.103 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV022524.D
Acq: 02 Oct 2021 20:28

Tgt Ion: 83 Resp: 15536
Ion Ratio Lower Upper
83 100
85 62.5 45.8 85.0

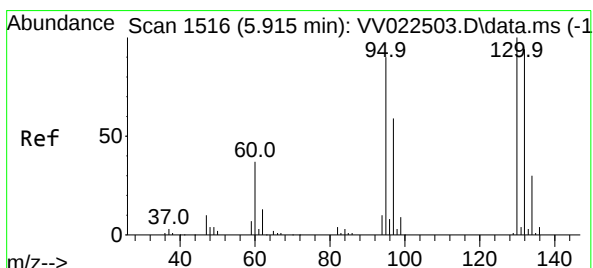
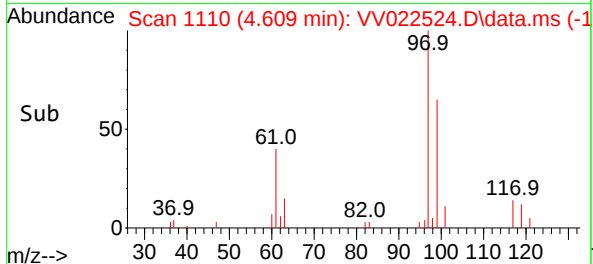
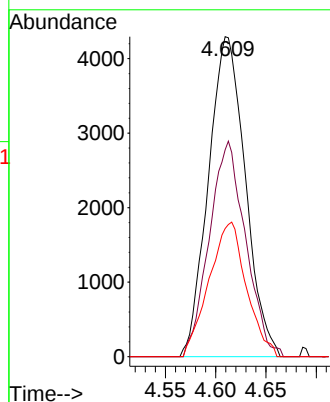
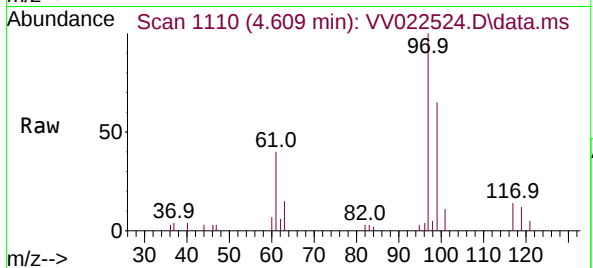




#30
1,1,1-Trichloroethane
Concen: 4.164 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022524.D
Acq: 02 Oct 2021 20:28

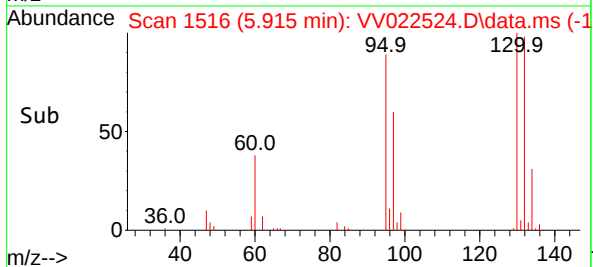
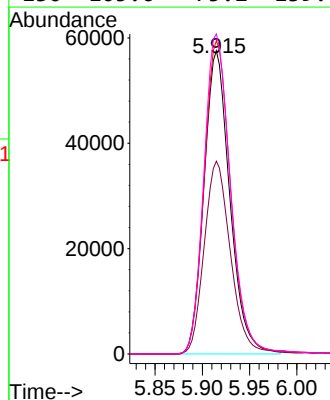
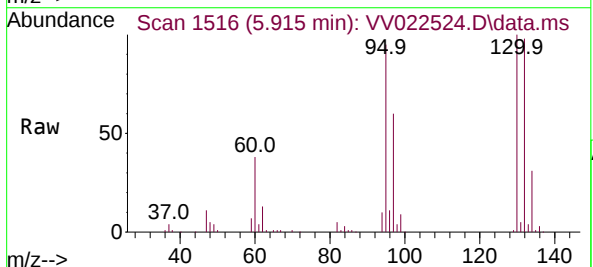
Instrument :
MSVOA_V
ClientSampled :

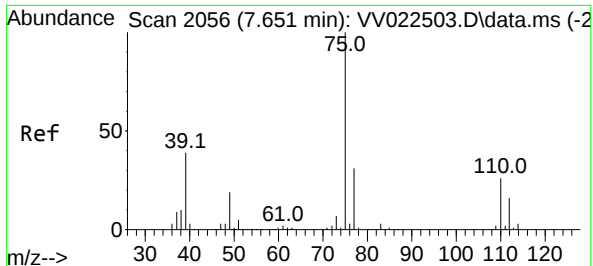
Tgt Ion: 97 Resp: 10960
Ion Ratio Lower Upper
97 100
99 65.8 51.7 77.5
61 42.6 32.9 49.3



#34
Trichloroethene
Concen: 64.498 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022524.D
Acq: 02 Oct 2021 20:28

Tgt Ion: 95 Resp: 109555
Ion Ratio Lower Upper
95 100
97 63.6 45.4 84.4
132 103.3 71.5 132.9
130 105.6 75.2 139.6

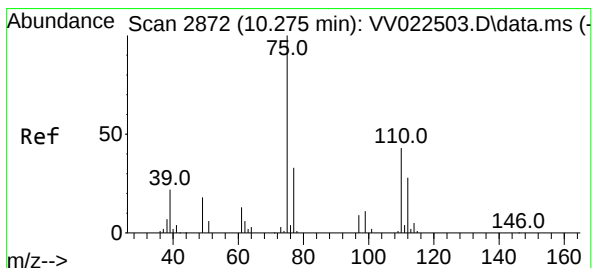
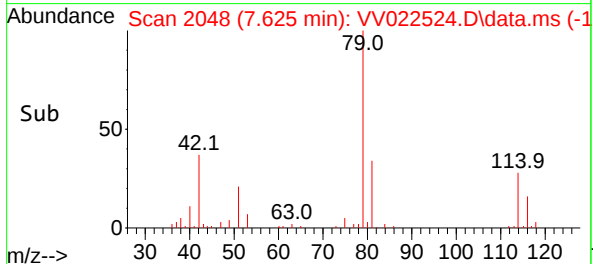
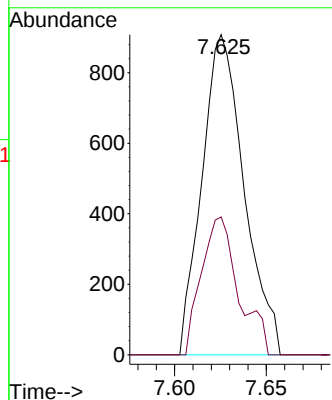
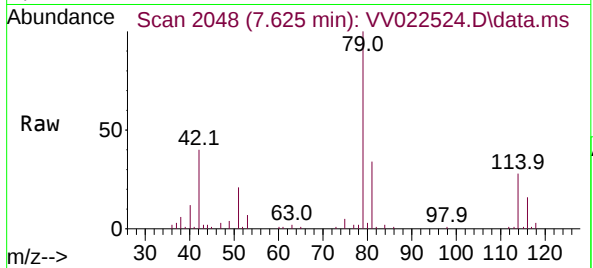




#44
trans-1,3-Dichloropropene
Concen: 0.603 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022524.D
Acq: 02 Oct 2021 20:28

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 1454
Ion Ratio Lower Upper
75 100
77 43.1 22.0 40.8#



#61
1,2,3-Trichloropropane
Concen: 5.675 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022524.D
Acq: 02 Oct 2021 20:28

Tgt Ion: 75 Resp: 10612
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
110 2.4 34.3 51.5#

