

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022507.D
 Acq On : 02 Oct 2021 13:13
 Operator : SY/MD
 Sample : M4024-09DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 01:03:17 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)

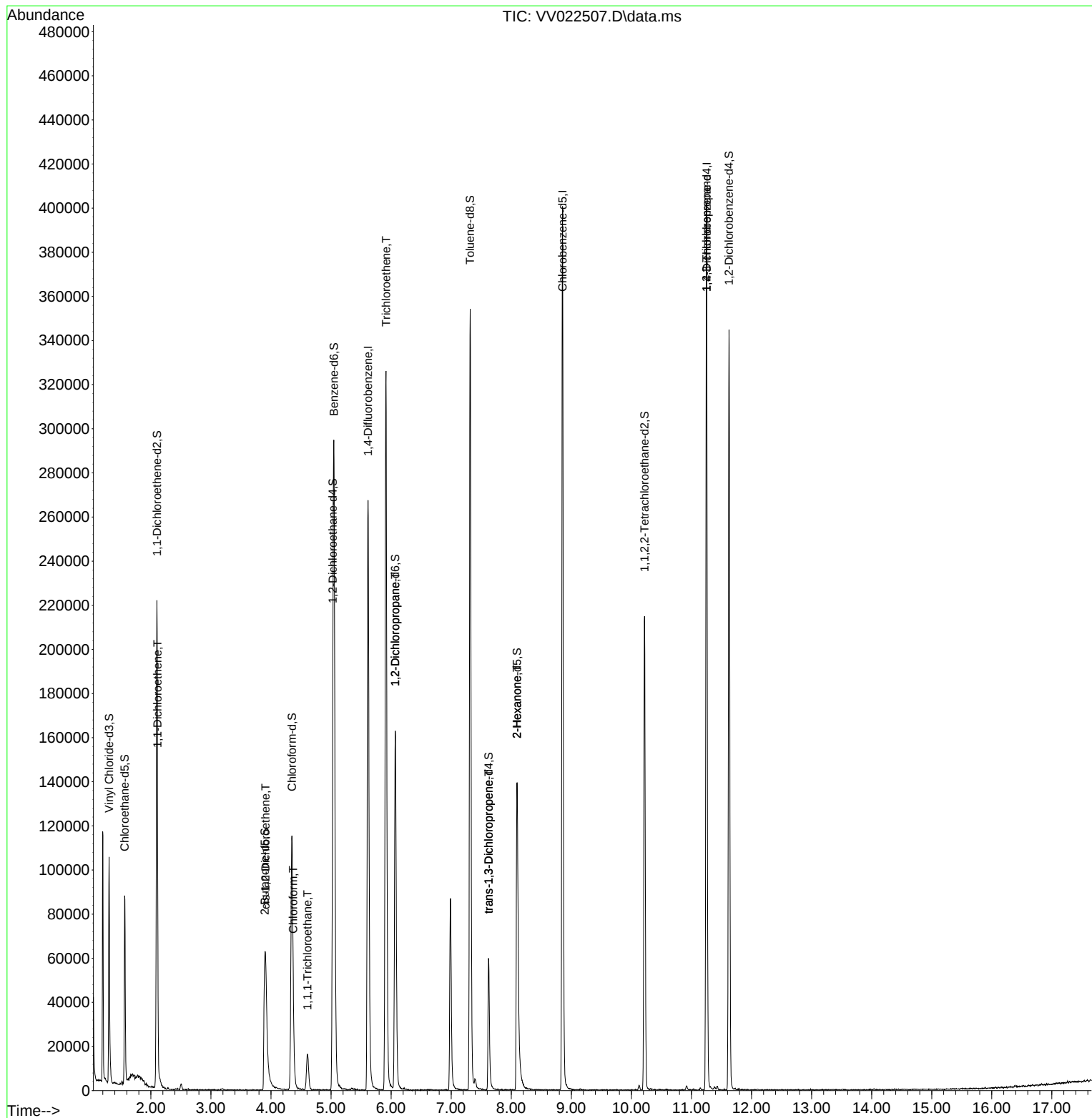
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	239692	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	226710	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	110305	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71396	48.163	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.320%		
7) Chloroethane-d5	1.565	69	53427	45.850	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.700%		
11) 1,1-Dichloroethene-d2	2.102	63	110759	37.893	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.780%		
21) 2-Butanone-d5	3.896	46	94604	115.939	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.940%		
24) Chloroform-d	4.349	84	119050	43.956	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.920%		
26) 1,2-Dichloroethane-d4	5.031	65	76802	48.884	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.760%		
32) Benzene-d6	5.050	84	259862	49.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.960%		
36) 1,2-Dichloropropane-d6	6.069	67	79003	48.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.720%		
41) Toluene-d8	7.317	98	232888	48.340	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.680%		
43) trans-1,3-Dichloroprop...	7.622	79	34677	45.330	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.660%		
47) 2-Hexanone-d5	8.095	63	59479	88.802	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.800%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	101950	45.345	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.700%		
66) 1,2-Dichlorobenzene-d4	11.625	152	91343	50.780	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.560%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.111	96	9390	5.608	ug/L #	1
20) cis-1,2-Dichloroethene	3.909	96	14676	7.495	ug/L	99
25) Chloroform	4.372	83	7511	2.295	ug/L	87
30) 1,1,1-Trichloroethane	4.609	97	13877	4.900	ug/L	98
34) Trichloroethene	5.915	95	109255	59.777	ug/L	98
37) 1,2-Dichloropropane	6.069	63	8842	4.933	ug/L #	85
44) trans-1,3-Dichloropropene	7.622	75	1623	0.625	ug/L	97
48) 2-Hexanone	8.098	43	6701	3.479	ug/L #	67
61) 1,2,3-Trichloropropane	11.249	75	11815	5.632	ug/L #	64

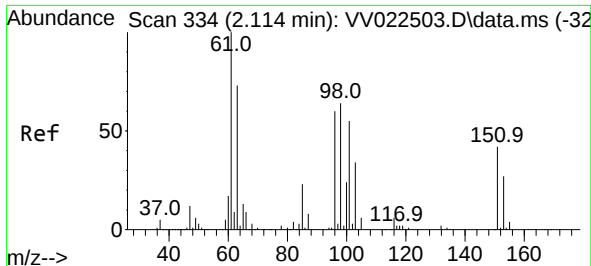
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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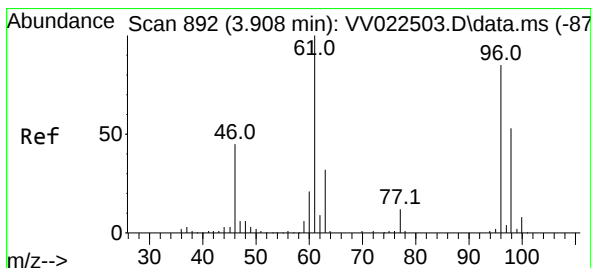
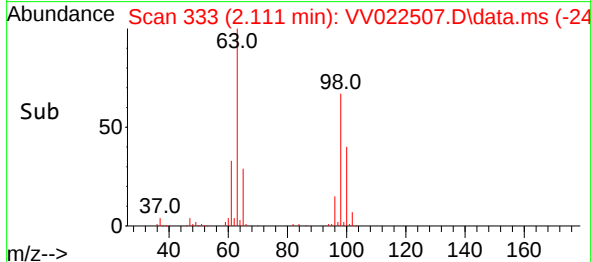
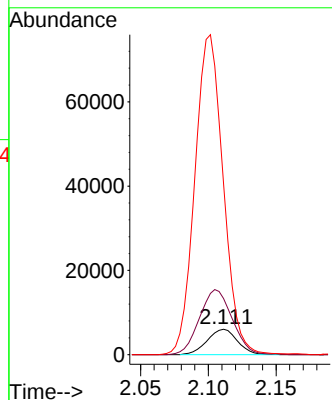
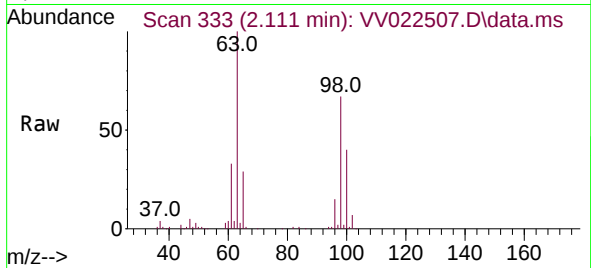




#12
1,1-Dichloroethene
Concen: 5.608 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV022507.D
Acq: 02 Oct 2021 13:13

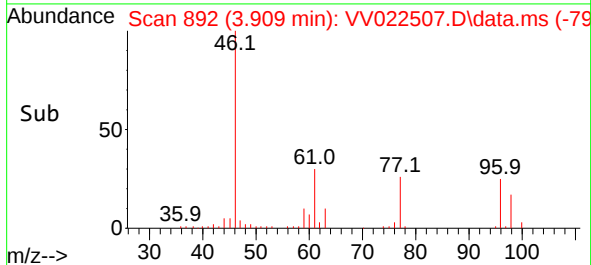
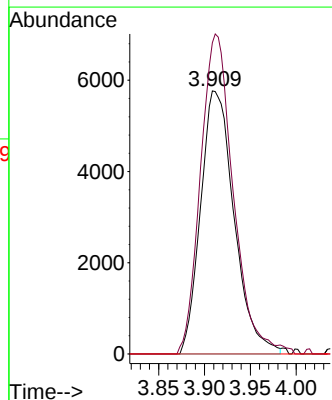
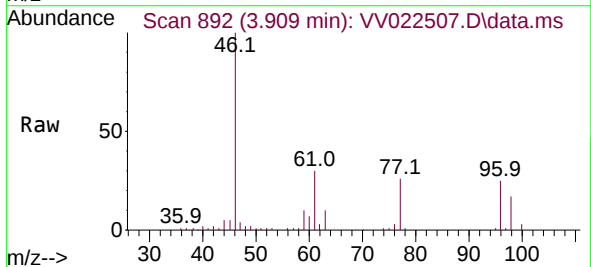
Instrument :
MSVOA_V
ClientSampled :

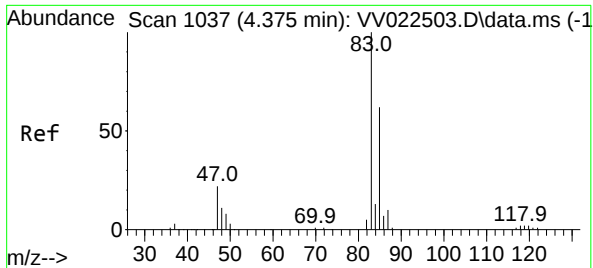
Tgt Ion: 96 Resp: 9390
Ion Ratio Lower Upper
96 100
61 221.1 118.0 219.2#
63 672.9 86.4 160.4#



#20
cis-1,2-Dichloroethene
Concen: 7.495 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV022507.D
Acq: 02 Oct 2021 13:13

Tgt Ion: 96 Resp: 14676
Ion Ratio Lower Upper
96 100
61 118.3 81.9 152.1
68 0.0 0.0 0.0

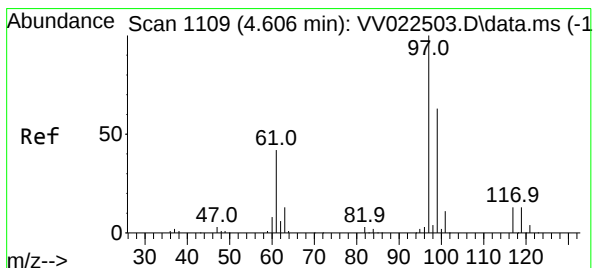
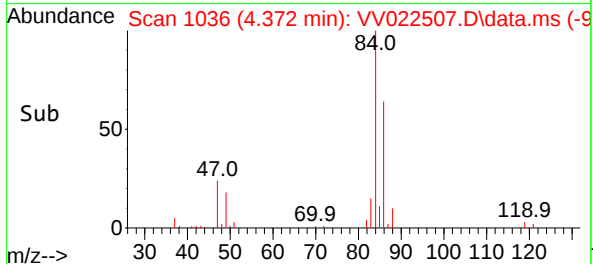
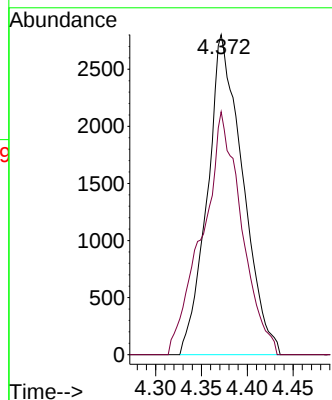
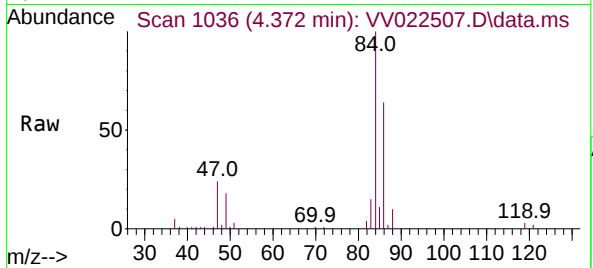




#25
Chloroform
Concen: 2.295 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV022507.D
Acq: 02 Oct 2021 13:13

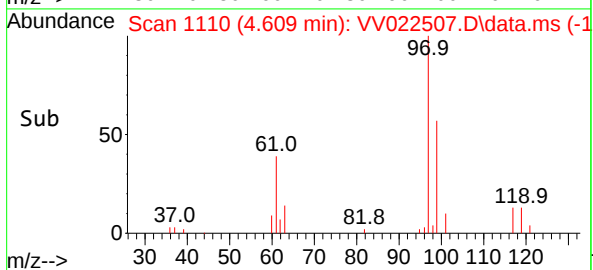
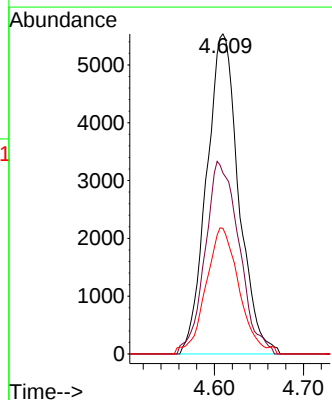
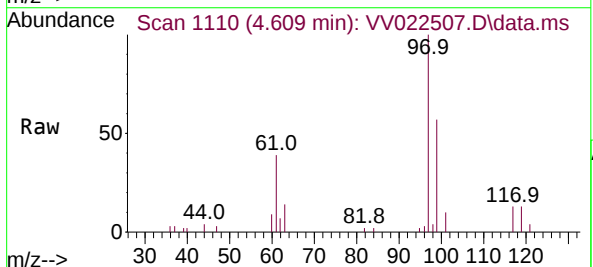
Instrument :
MSVOA_V
ClientSampled :

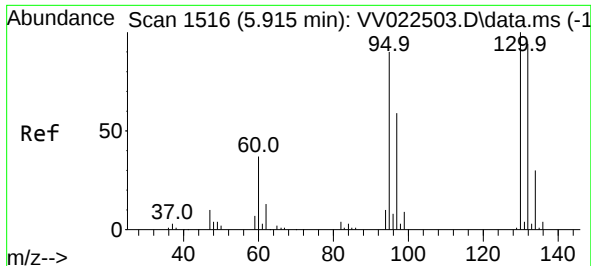
Tgt Ion: 83 Resp: 7511
Ion Ratio Lower Upper
83 100
85 75.9 45.8 85.0



#30
1,1,1-Trichloroethane
Concen: 4.900 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022507.D
Acq: 02 Oct 2021 13:13

Tgt Ion: 97 Resp: 13877
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 39.7 32.9 49.3

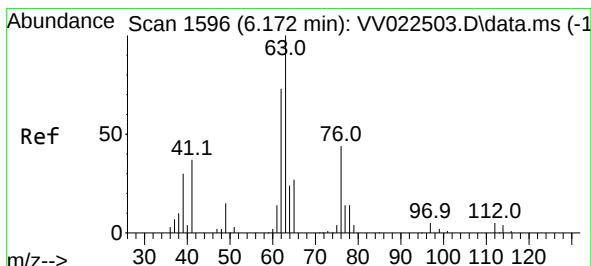
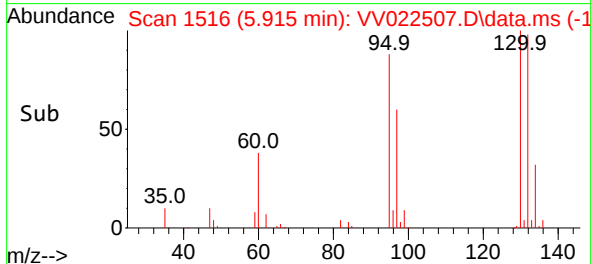
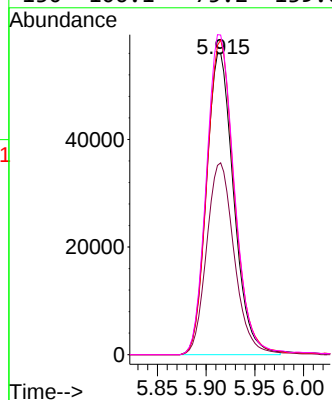
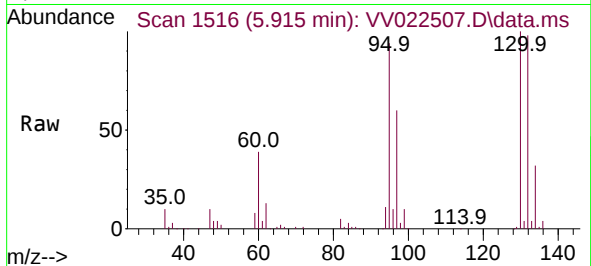




#34
Trichloroethene
Concen: 59.777 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022507.D
Acq: 02 Oct 2021 13:13

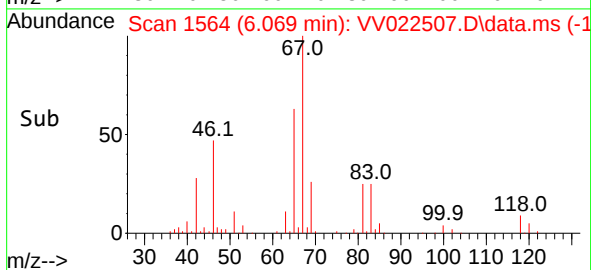
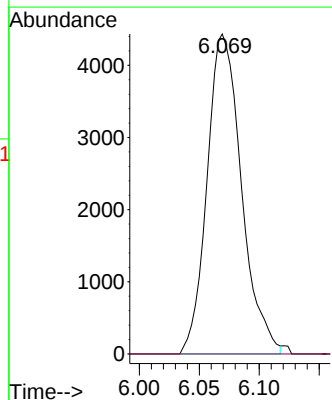
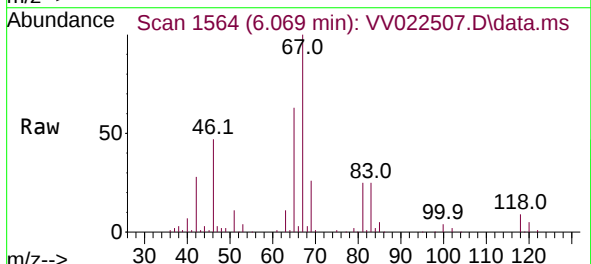
Instrument :
MSVOA_V
ClientSampled :

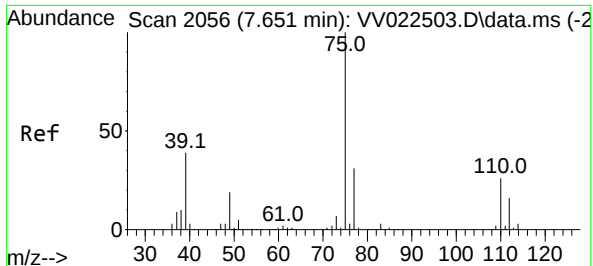
Tgt Ion: 95 Resp: 109255
Ion Ratio Lower Upper
95 100
97 63.6 45.4 84.4
132 104.4 71.5 132.9
130 106.1 75.2 139.6



#37
1,2-Dichloropropane
Concen: 4.933 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022507.D
Acq: 02 Oct 2021 13:13

Tgt Ion: 63 Resp: 8842
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

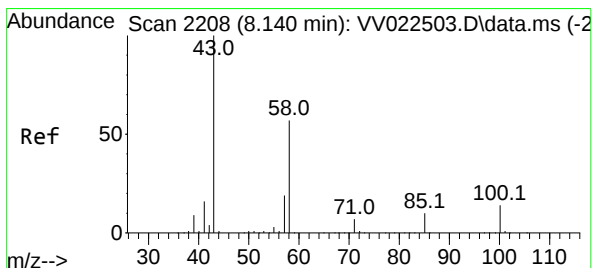
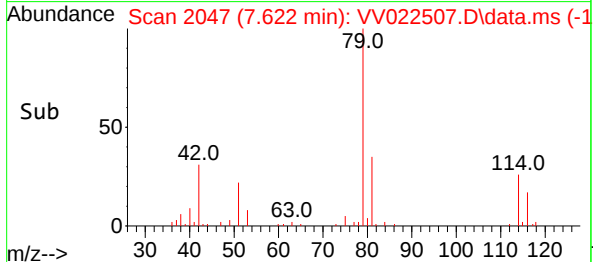
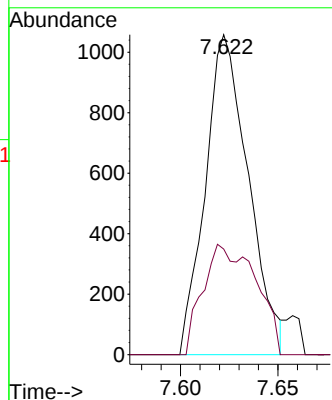
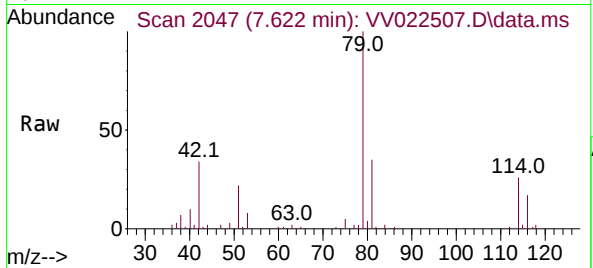




#44
trans-1,3-Dichloropropene
Concen: 0.625 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022507.D
Acq: 02 Oct 2021 13:13

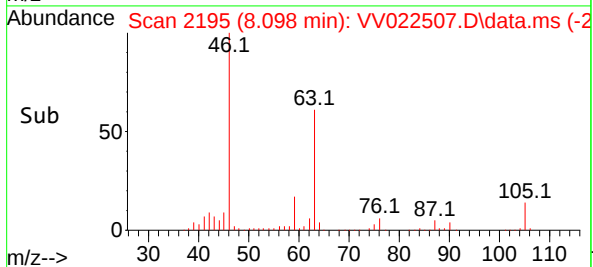
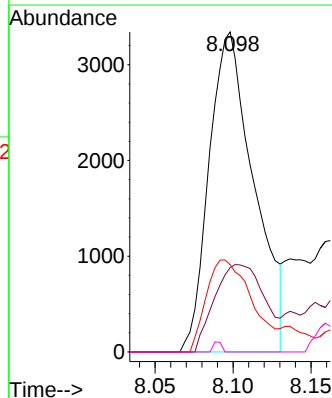
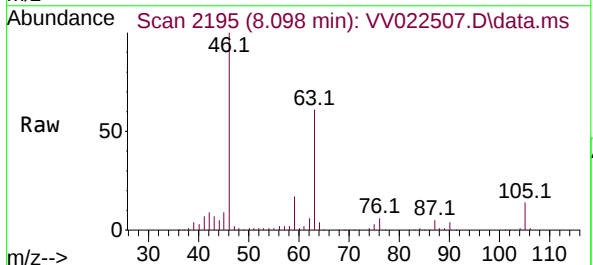
Instrument :
MSVOA_V
ClientSampled :

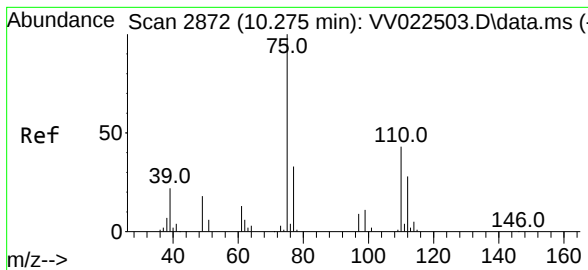
Tgt Ion: 75 Resp: 1623
Ion Ratio Lower Upper
75 100
77 33.0 22.0 40.8



#48
2-Hexanone
Concen: 3.479 ug/L
RT: 8.098 min Scan# 2195
Delta R.T. -0.042 min
Lab File: VV022507.D
Acq: 02 Oct 2021 13:13

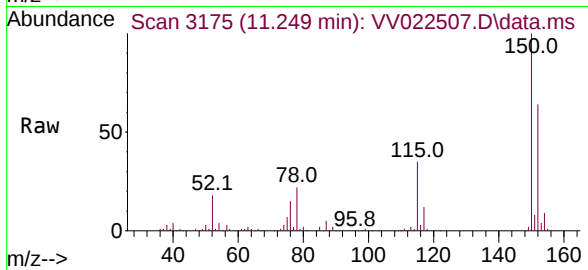
Tgt Ion: 43 Resp: 6701
Ion Ratio Lower Upper
43 100
58 30.7 47.0 70.4#
57 29.0 15.8 23.6#
100 0.6 11.8 17.6#





#61
 1,2,3-Trichloropropane
 Concen: 5.632 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022507.D
 Acq: 02 Oct 2021 13:13

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 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	11815
Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.0	39.0
110	3.6	34.3	51.5#

