

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022525.D
 Acq On : 02 Oct 2021 20:52
 Operator : SY/MD
 Sample : M4023-09DL 1000X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:03:02 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)

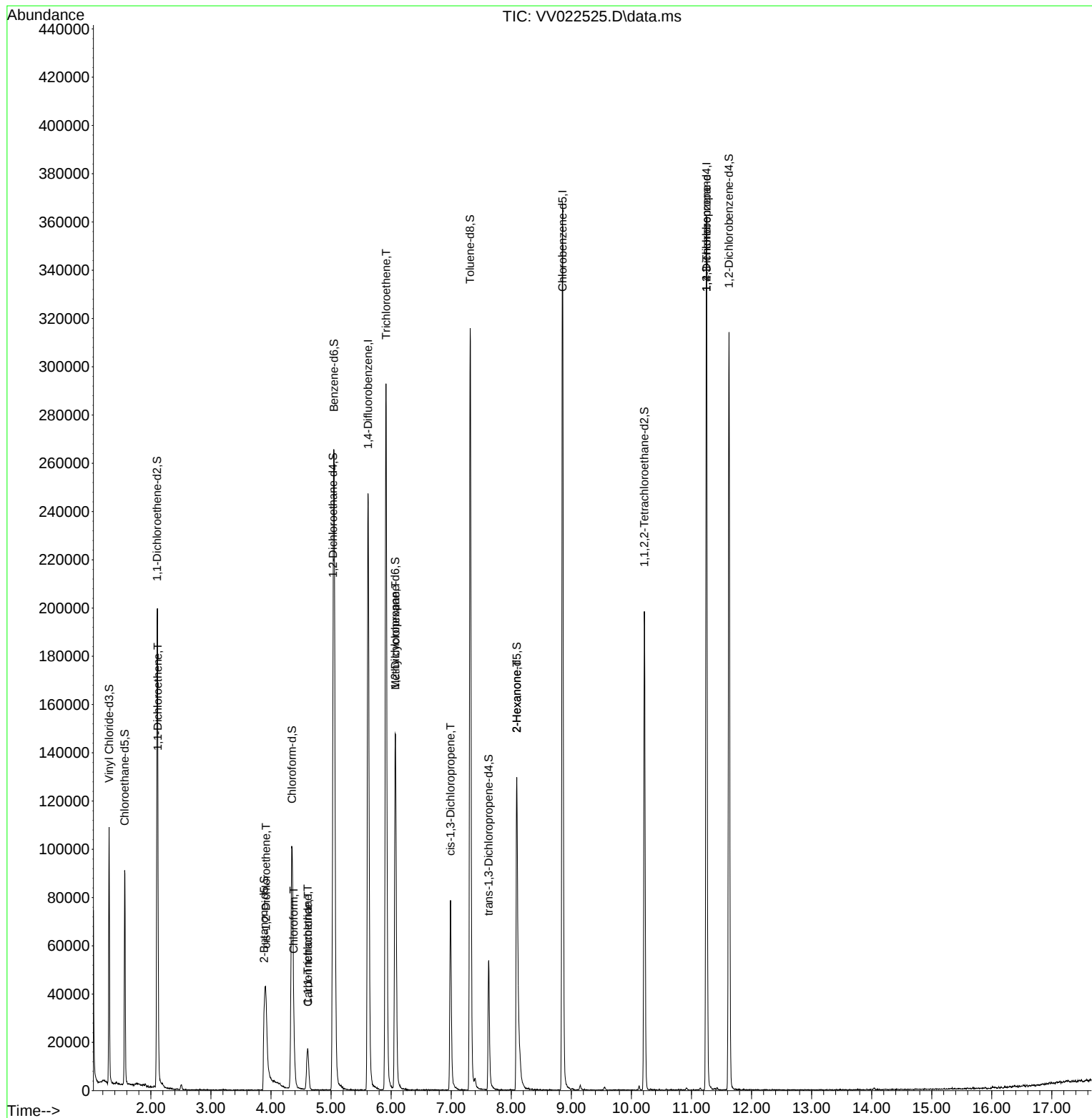
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	220571	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	209885	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98839	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63734	46.721	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.440%		
7) Chloroethane-d5	1.565	69	53346	49.749	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.500%		
11) 1,1-Dichloroethene-d2	2.105	63	98992	36.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.600%		
21) 2-Butanone-d5	3.886	46	55142	73.436	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	73.440%		
24) Chloroform-d	4.349	84	102993	41.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.640%		
26) 1,2-Dichloroethane-d4	5.034	65	72734	50.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.620%		
32) Benzene-d6	5.050	84	235856	48.507	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.020%		
36) 1,2-Dichloropropane-d6	6.069	67	73888	49.362	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.720%		
41) Toluene-d8	7.317	98	214498	48.092	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.180%		
43) trans-1,3-Dichloroprop...	7.625	79	32066	45.277	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.560%		
47) 2-Hexanone-d5	8.092	63	52913	85.332	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.330%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	91472	43.946	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.900%		
66) 1,2-Dichlorobenzene-d4	11.625	152	82763	51.348	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.700%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	8097	5.255	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	14471	8.031	ug/L	99
25) Chloroform	4.378	83	14808	4.917	ug/L	96
30) 1,1,1-Trichloroethane	4.613	97	14045	5.357	ug/L	97
31) Carbon tetrachloride	4.616	117	2056	0.893	ug/L	85
34) Trichloroethene	5.915	95	98070	57.959	ug/L	99
35) Methylcyclohexane	6.072	83	17747	6.917	ug/L #	20
39) cis-1,3-Dichloropropene	6.989	75	1800	0.721	ug/L #	46
48) 2-Hexanone	8.092	43	5756	3.228	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	10669	5.676	ug/L #	64

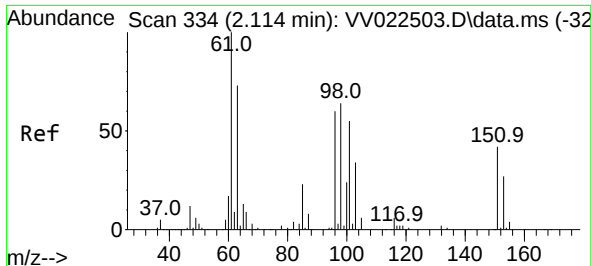
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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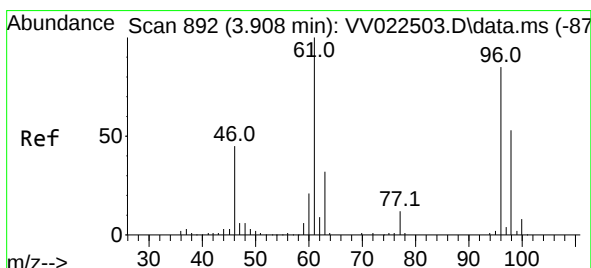
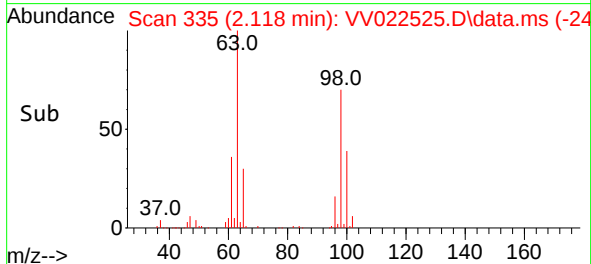
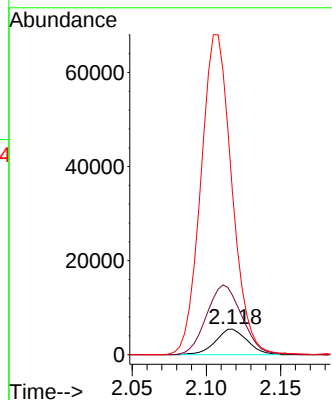
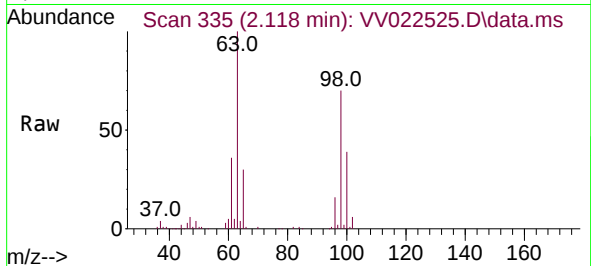




#12
1,1-Dichloroethene
Concen: 5.255 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022525.D
Acq: 02 Oct 2021 20:52

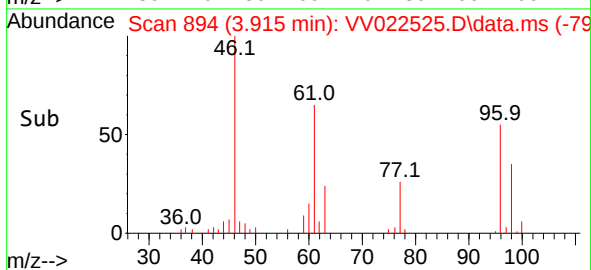
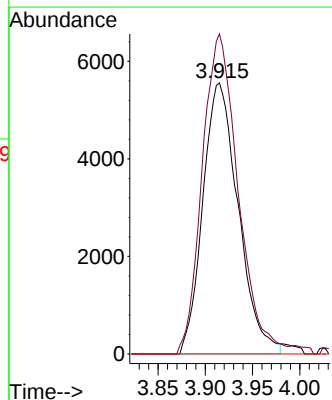
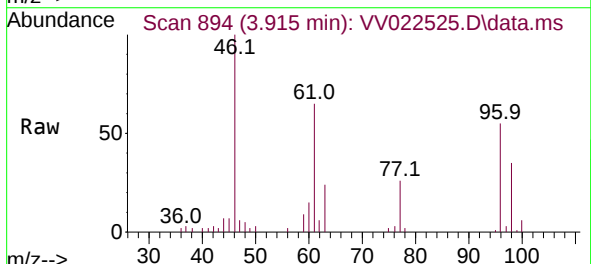
Instrument :
MSVOA_V
ClientSampled :

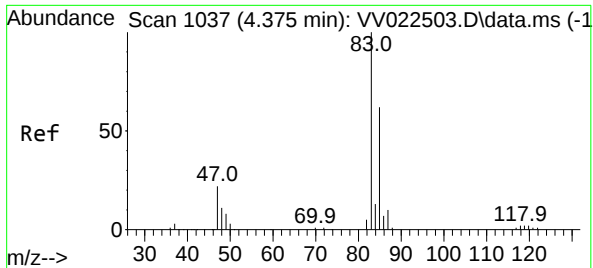
Tgt Ion: 96 Resp: 8097
Ion Ratio Lower Upper
96 100
61 232.4 118.0 219.2#
63 640.3 86.4 160.4#



#20
cis-1,2-Dichloroethene
Concen: 8.031 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022525.D
Acq: 02 Oct 2021 20:52

Tgt Ion: 96 Resp: 14471
Ion Ratio Lower Upper
96 100
61 118.1 81.9 152.1
68 0.0 0.0 0.0

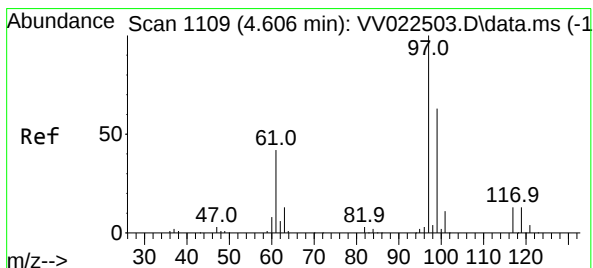
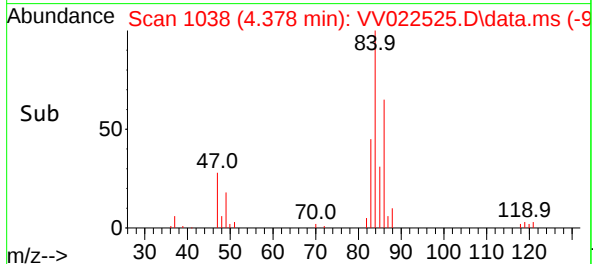
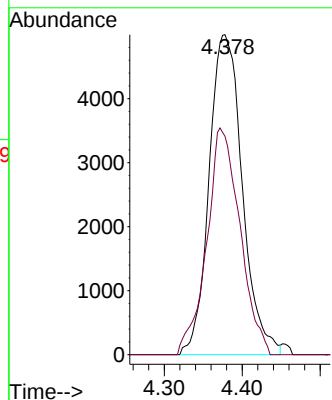
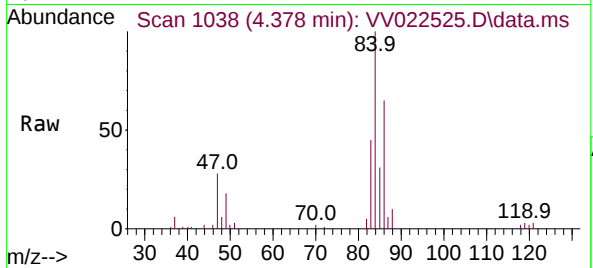




#25
Chloroform
Concen: 4.917 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022525.D
Acq: 02 Oct 2021 20:52

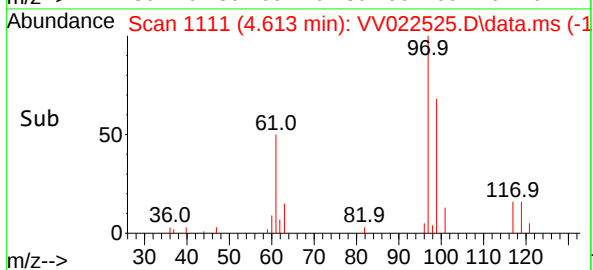
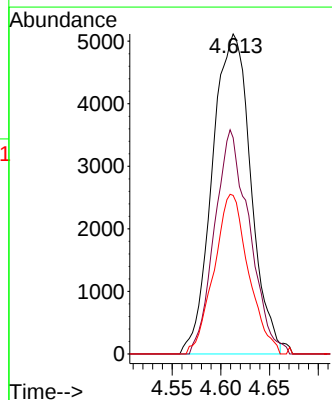
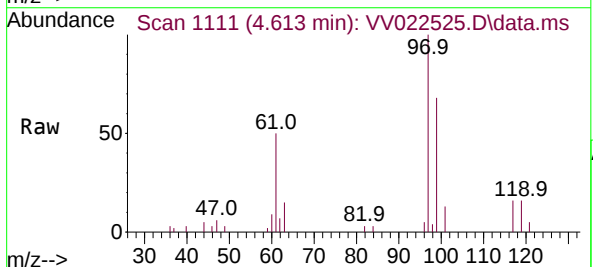
Instrument :
MSVOA_V
ClientSampleId :

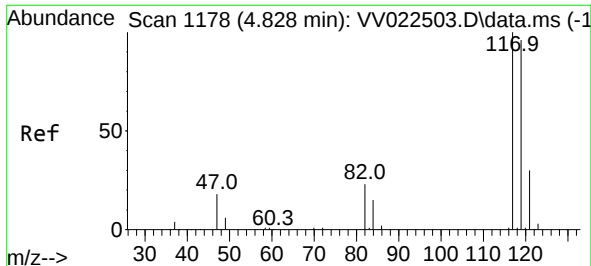
Tgt Ion: 83 Resp: 14808
Ion Ratio Lower Upper
83 100
85 68.3 45.8 85.0



#30
1,1,1-Trichloroethane
Concen: 5.357 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV022525.D
Acq: 02 Oct 2021 20:52

Tgt Ion: 97 Resp: 14045
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 44.7 32.9 49.3

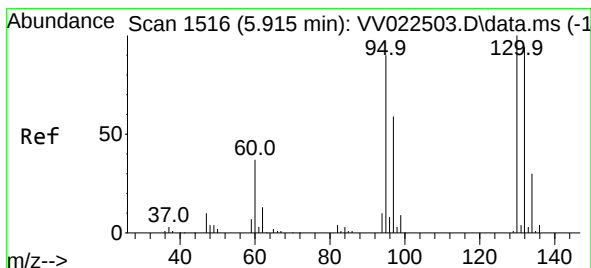
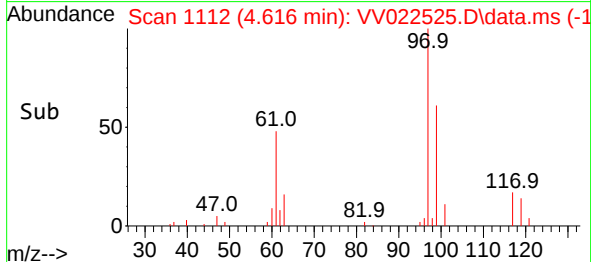
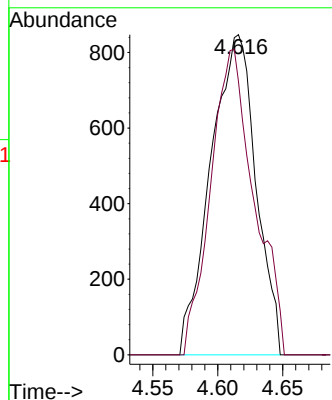
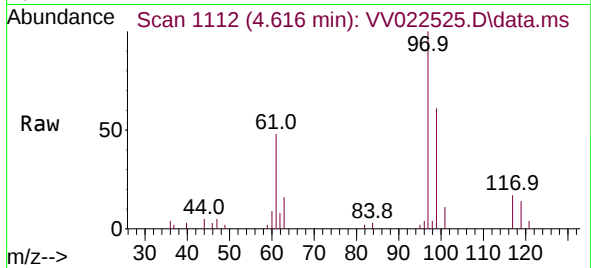




#31
Carbon tetrachloride
Concen: 0.893 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. -0.212 min
Lab File: VV022525.D
Acq: 02 Oct 2021 20:52

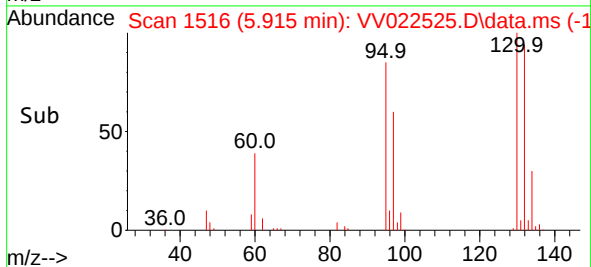
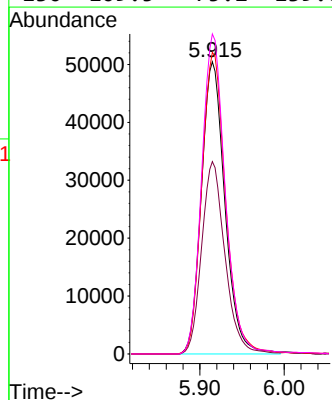
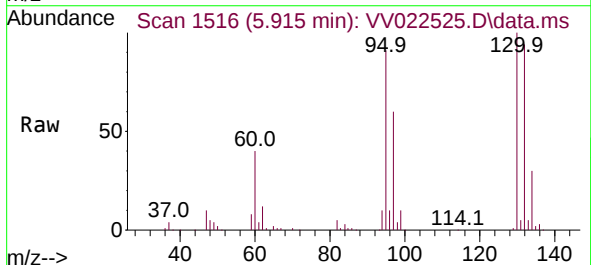
Instrument :
MSVOA_V
ClientSampleId :

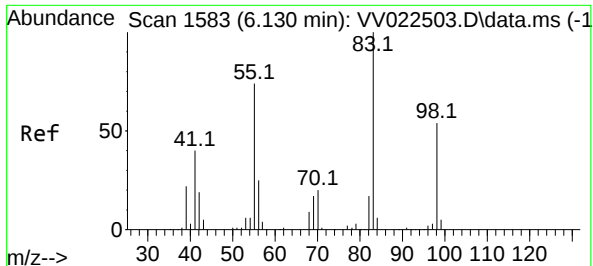
Tgt Ion:117 Resp: 2056
Ion Ratio Lower Upper
117 100
119 83.1 78.3 117.5



#34
Trichloroethene
Concen: 57.959 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022525.D
Acq: 02 Oct 2021 20:52

Tgt Ion: 95 Resp: 98070
Ion Ratio Lower Upper
95 100
97 65.8 45.4 84.4
132 103.2 71.5 132.9
130 109.5 75.2 139.6

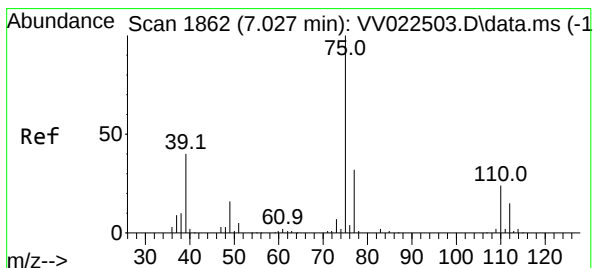
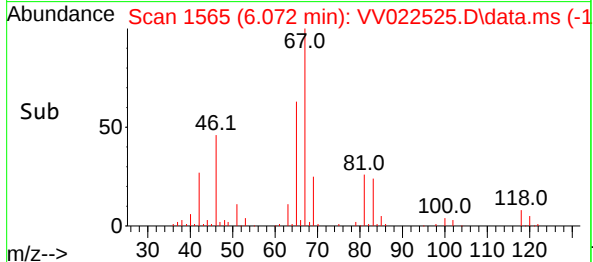
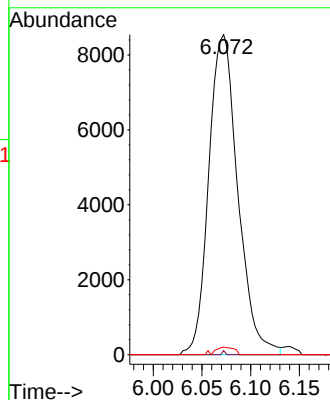
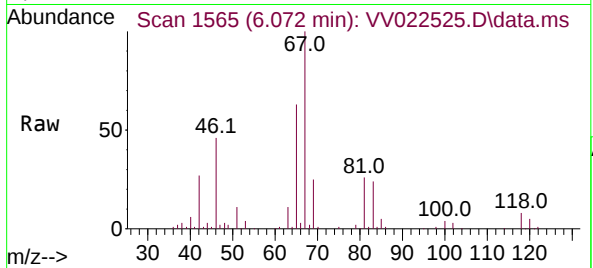




#35
Methylcyclohexane
Concen: 6.917 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022525.D
Acq: 02 Oct 2021 20:52

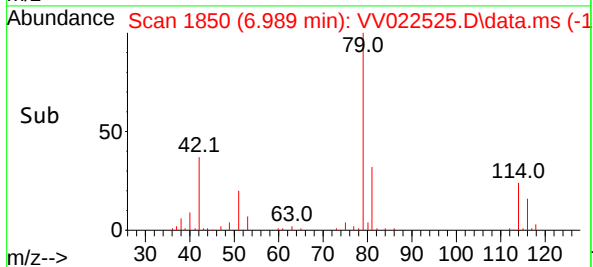
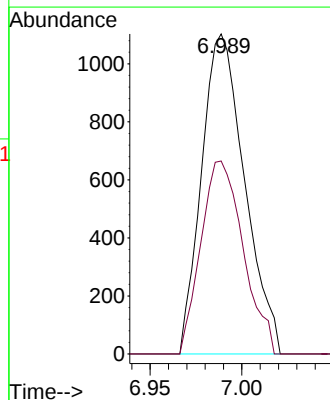
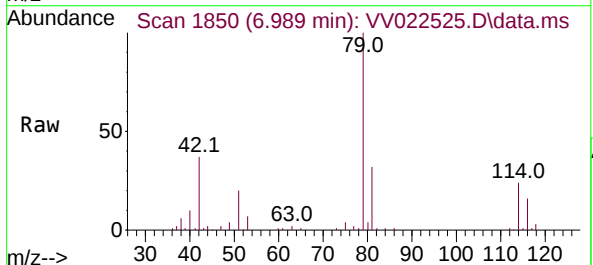
Instrument :
MSVOA_V
ClientSampled :

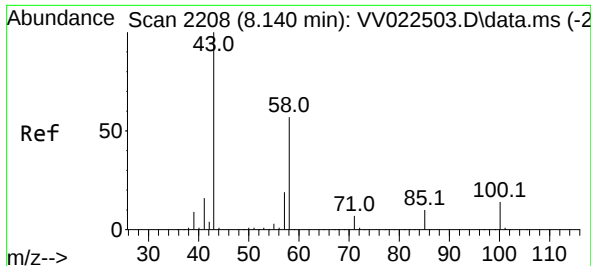
Tgt Ion: 83 Resp: 17747
Ion Ratio Lower Upper
83 100
55 0.0 56.7 85.1#
98 1.4 40.6 60.8#



#39
cis-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022525.D
Acq: 02 Oct 2021 20:52

Tgt Ion: 75 Resp: 1800
Ion Ratio Lower Upper
75 100
77 60.3 21.6 40.2#

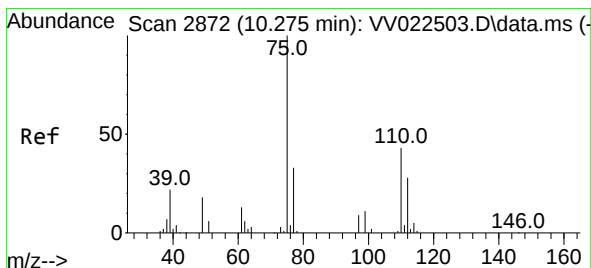
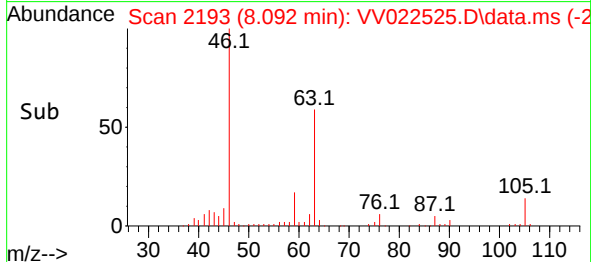
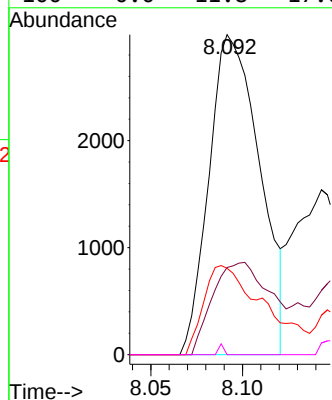
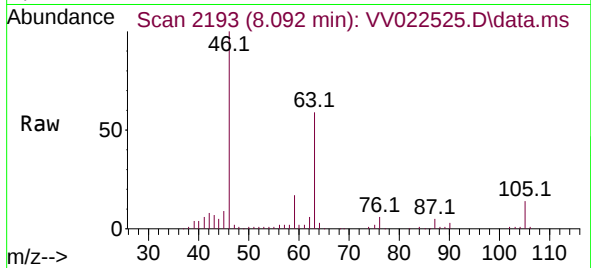




#48
2-Hexanone
Concen: 3.228 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022525.D
Acq: 02 Oct 2021 20:52

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43	Resp: 5756
Ion Ratio	Lower Upper
43 100	
58 33.0	47.0 70.4#
57 23.8	15.8 23.6#
100 0.0	11.8 17.6#



#61
1,2,3-Trichloropropane
Concen: 5.676 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022525.D
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Tgt Ion: 75	Resp: 10669
Ion Ratio	Lower Upper
75 100	
77 31.7	26.0 39.0
110 3.2	34.3 51.5#

