

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022726.D
 Acq On : 11 Oct 2021 13:53
 Operator : SY/MD
 Sample : M4109-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:40:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

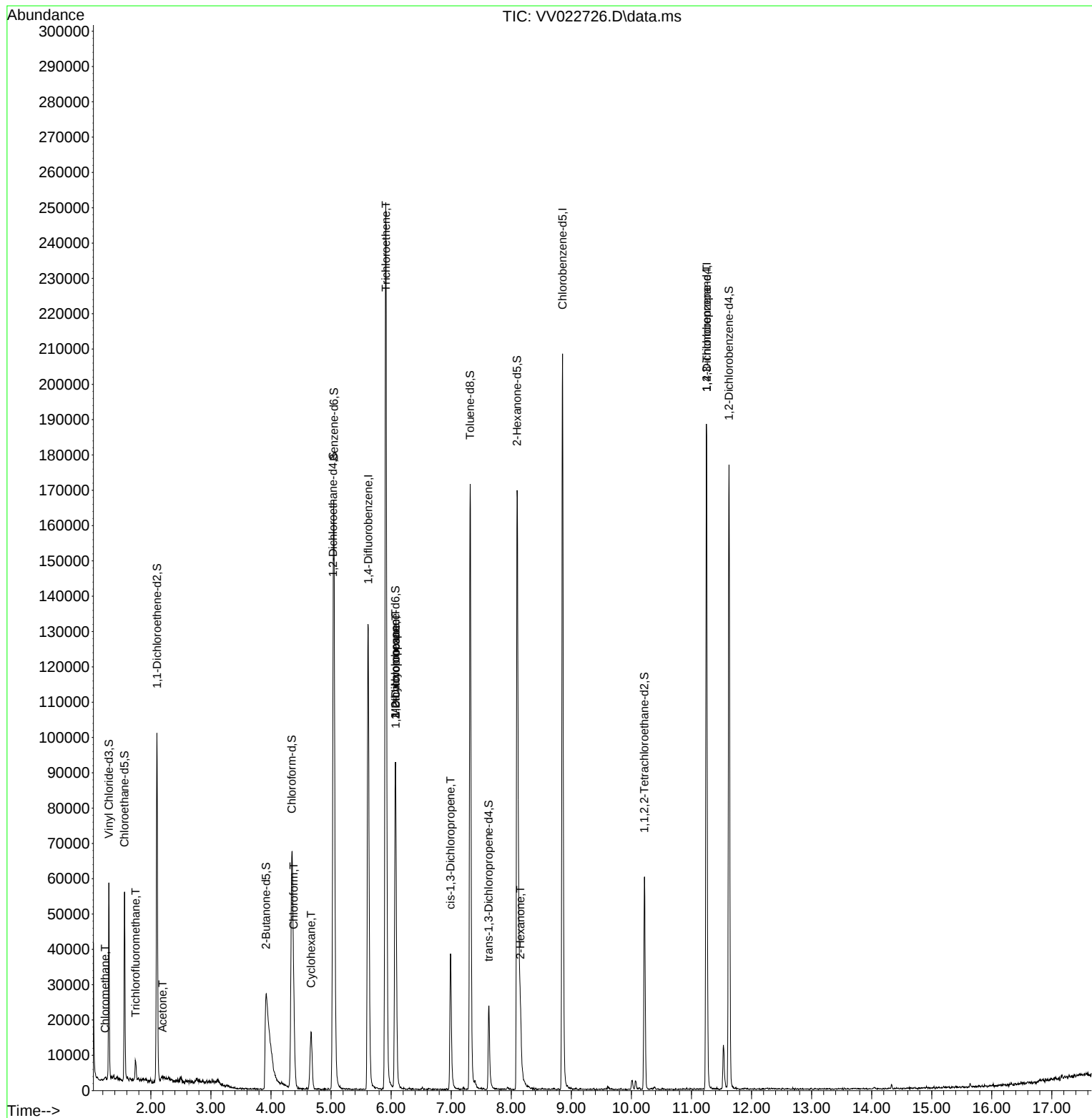
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116607	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	31725	3.954	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.000%	
7) Chloroethane-d5	1.561	69	31580	4.380	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.102	63	50280	3.195	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.800%	
20) 2-Butanone-d5	3.918	46	91397	43.448	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.900%	
24) Chloroform-d	4.346	84	64963	3.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.600%	
26) 1,2-Dichloroethane-d4	5.034	65	37514	4.675	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.047	84	142501	4.043	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
36) 1,2-Dichloropropane-d6	6.072	67	46693	4.473	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.317	98	114780	3.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.400%	
43) trans-1,3-Dichloroprop...	7.625	79	13988	4.040	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.098	63	58634	42.018	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.040%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29087	4.113	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47712	4.906	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	599	0.070	ug/L #	83
9) Trichlorofluoromethane	1.748	101	2933	0.227	ug/L	94
13) Acetone	2.195	43	2103	1.793	ug/L	76
25) Chloroform	4.378	83	20749	1.297	ug/L	99
30) Cyclohexane	4.667	56	7605	0.610	ug/L	98
34) Trichloroethene	5.912	95	84674	9.765	ug/L	98
35) Methylcyclohexane	6.072	83	11561	0.952	ug/L #	16
37) 1,2-Dichloropropane	6.076	63	5139	0.670	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	908	0.089	ug/L #	32
48) 2-Hexanone	8.153	43	11866	3.938	ug/L #	84
61) 1,2,3-Trichloropropane	11.252	75	5526	1.516	ug/L #	64

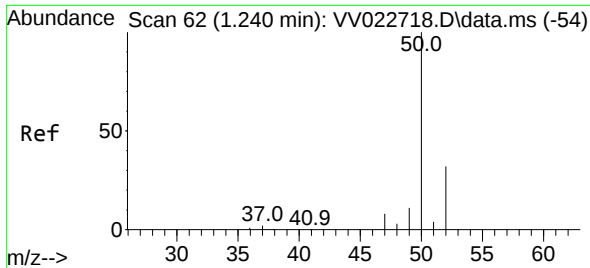
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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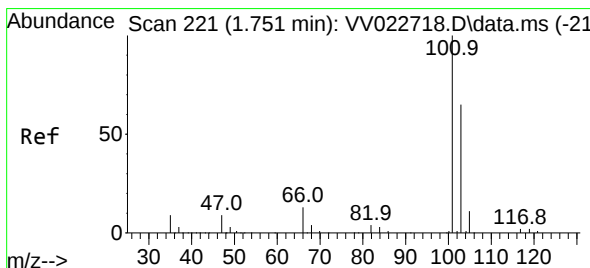
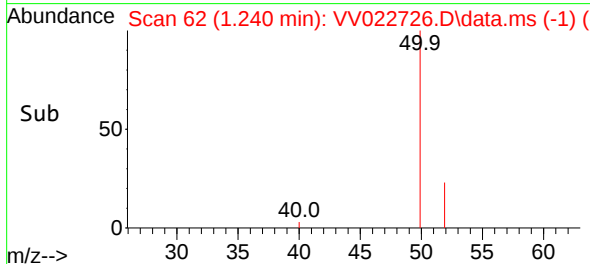
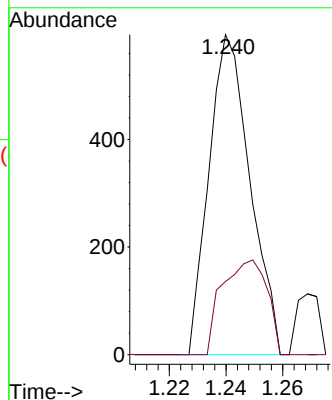
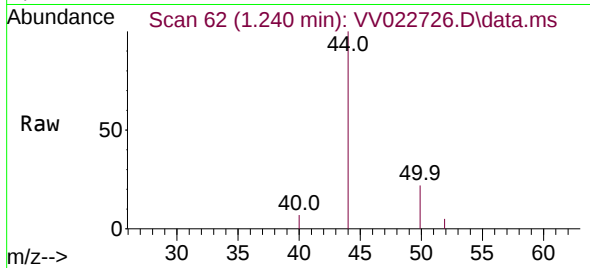




#3
Chloromethane
Concen: 0.070 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

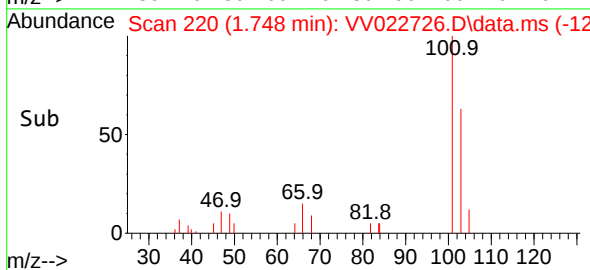
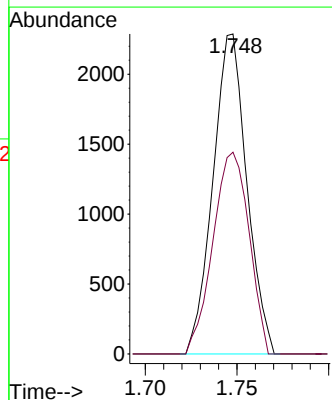
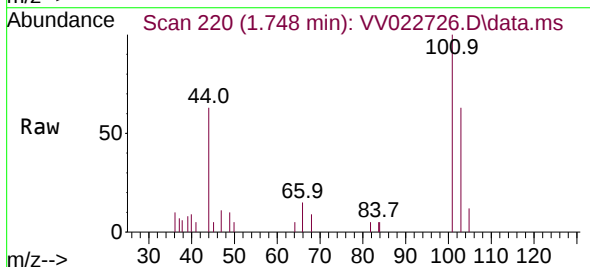
Instrument :
MSVOA_V
ClientSampled :

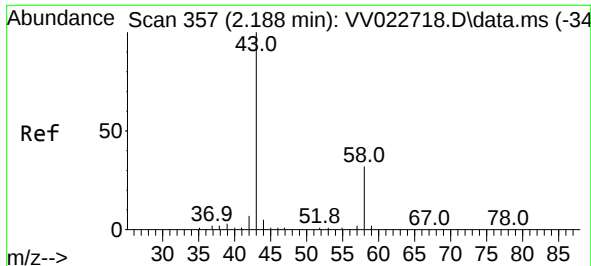
Tgt Ion: 50 Resp: 599
Ion Ratio Lower Upper
50 100
52 22.9 22.9 42.5#



#9
Trichlorofluoromethane
Concen: 0.227 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

Tgt Ion: 101 Resp: 2933
Ion Ratio Lower Upper
101 100
103 67.2 50.3 75.5

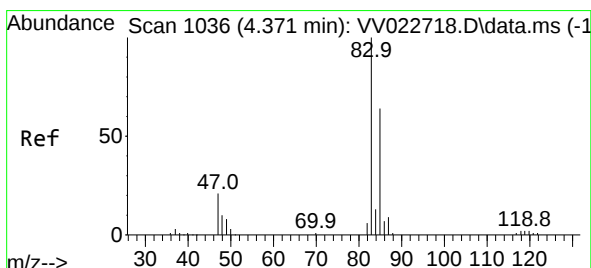
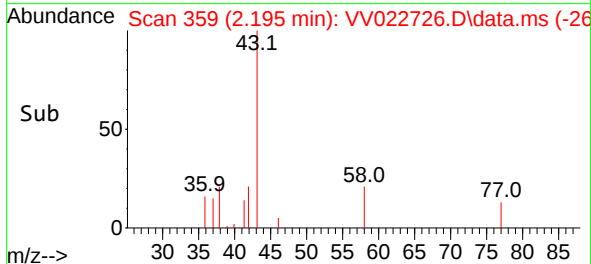
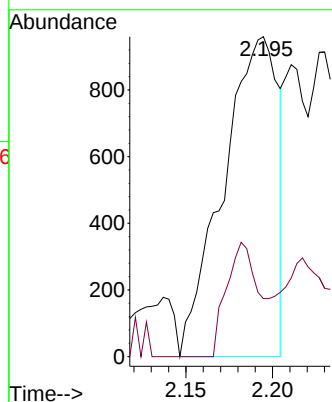
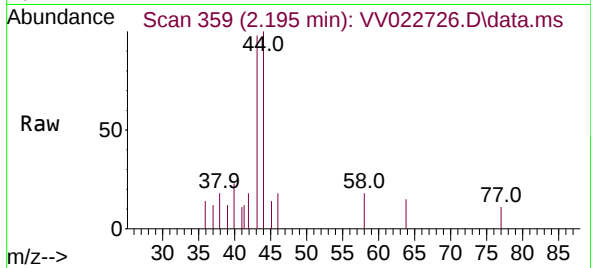




#13
Acetone
Concen: 1.793 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.007 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

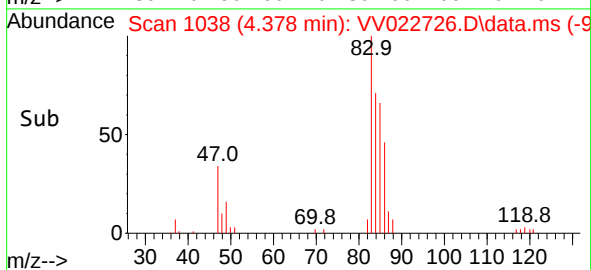
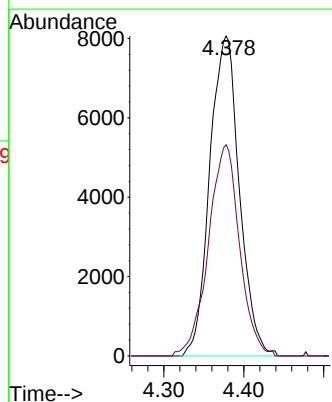
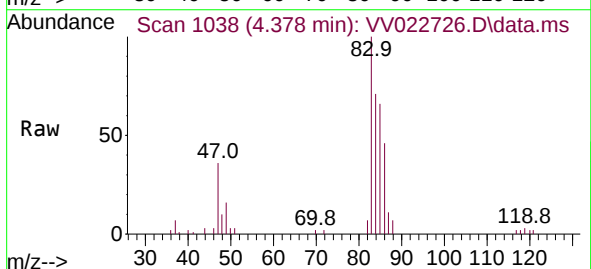
Instrument :
MSVOA_V
ClientSampled :

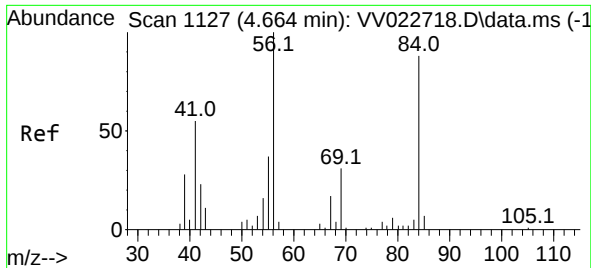
Tgt Ion: 43 Resp: 2103
Ion Ratio Lower Upper
43 100
58 21.4 0.0 24.2



#25
Chloroform
Concen: 1.297 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

Tgt Ion: 83 Resp: 20749
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9

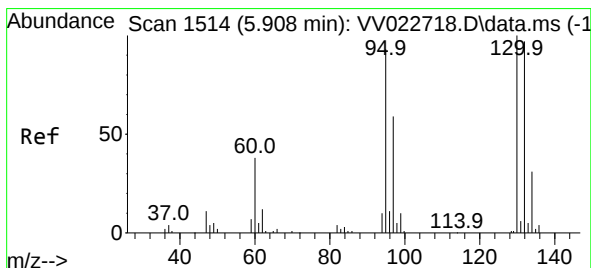
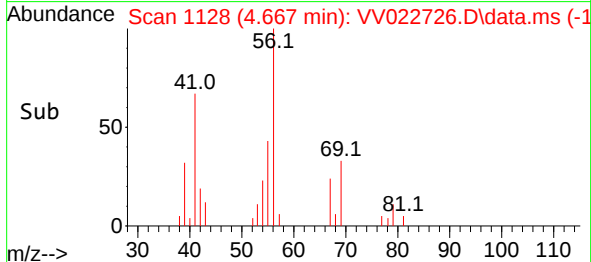
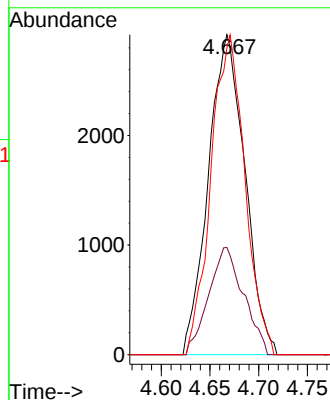
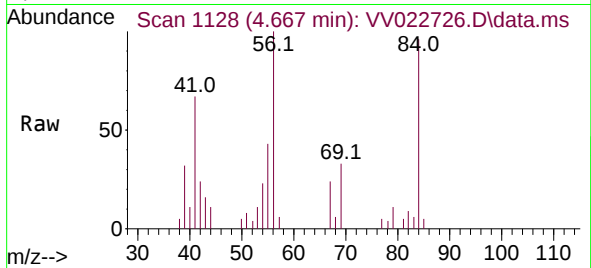




#30
Cyclohexane
Concen: 0.610 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

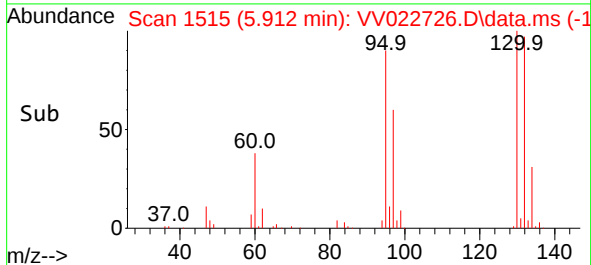
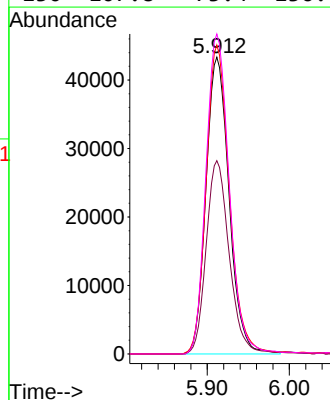
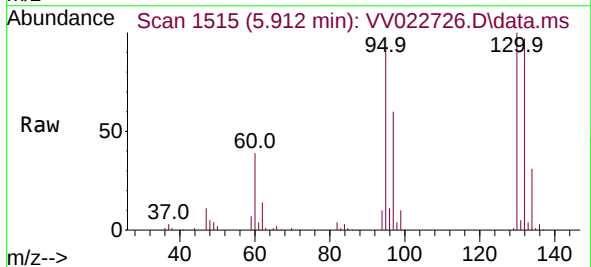
Instrument :
MSVOA_V
ClientSampled :

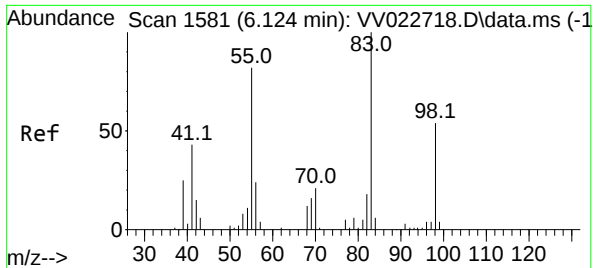
Tgt Ion: 56 Resp: 7605
Ion Ratio Lower Upper
56 100
69 32.0 24.9 37.3
84 92.7 72.5 108.7



#34
Trichloroethene
Concen: 9.765 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

Tgt Ion: 95 Resp: 84674
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 104.1 72.2 134.0
130 107.8 73.4 136.4

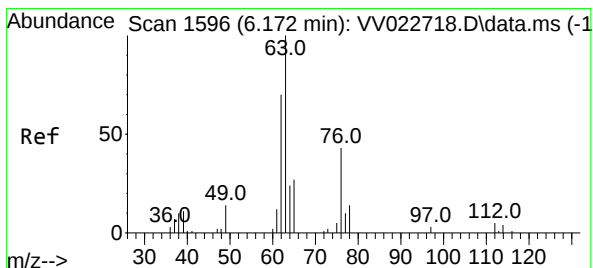
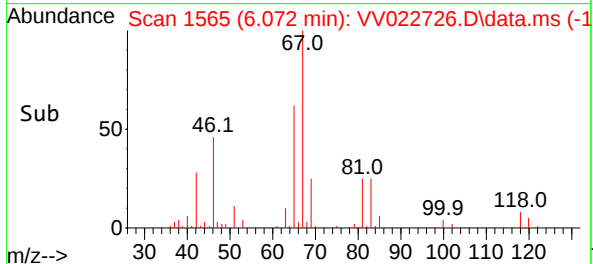
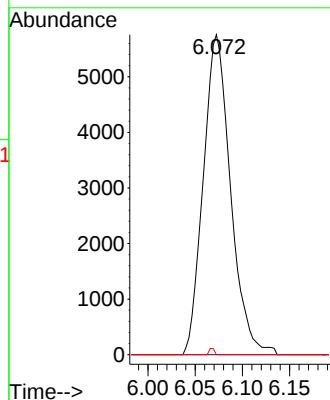
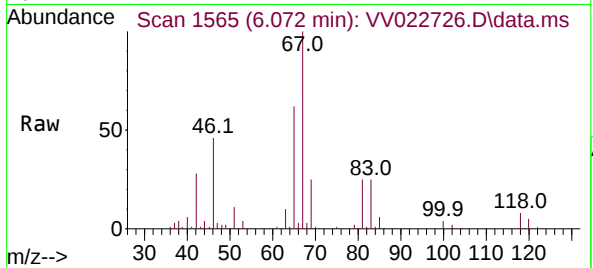




#35
Methylcyclohexane
Concen: 0.952 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

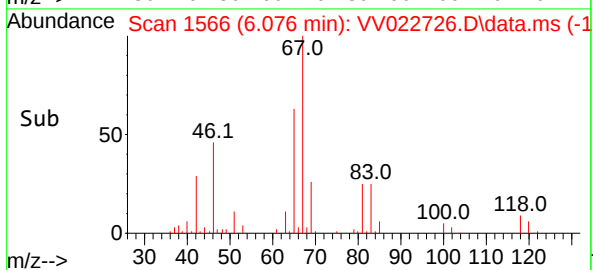
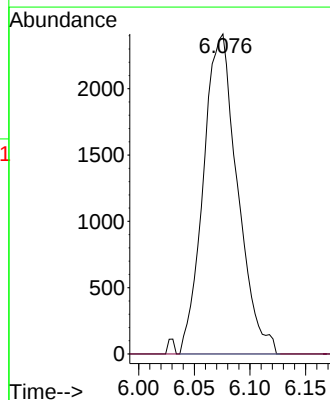
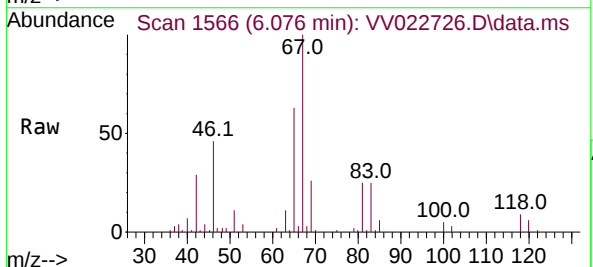
Instrument :
MSVOA_V
ClientSampled :

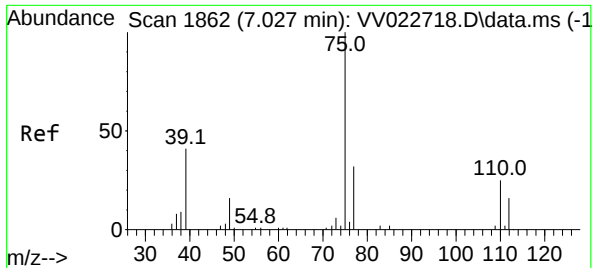
Tgt Ion: 83 Resp: 11561
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.0 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

Tgt Ion: 63 Resp: 5139
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

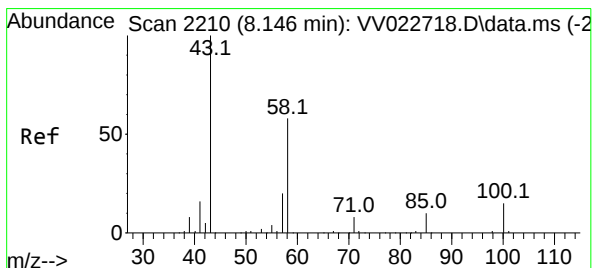
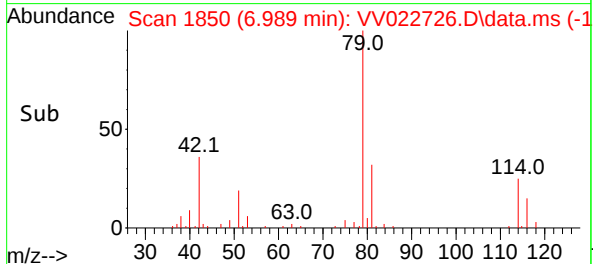
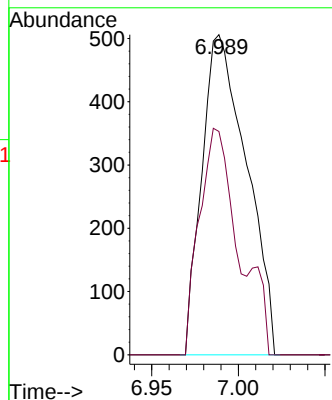
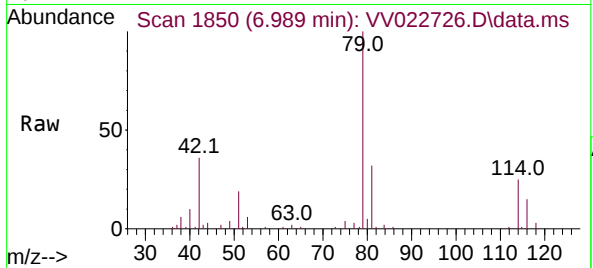




#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

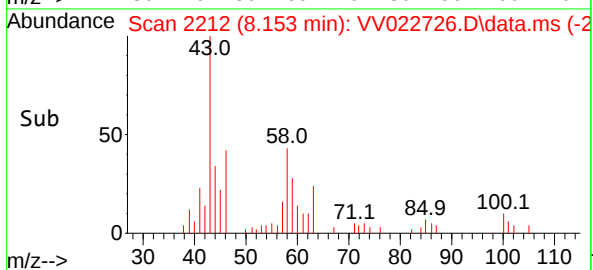
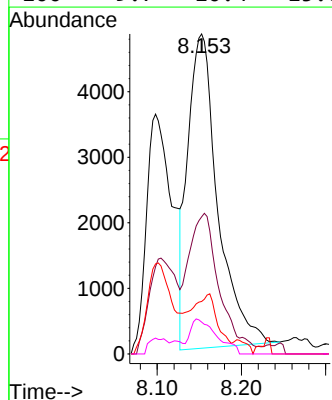
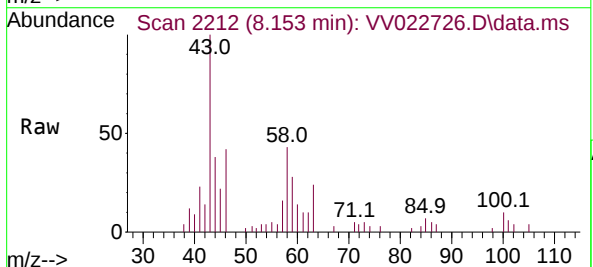
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MSVOA_V
ClientSampled :

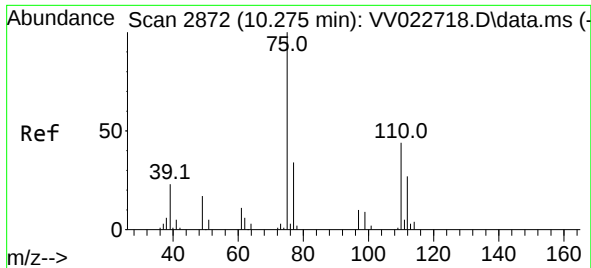
Tgt Ion: 75 Resp: 908
Ion Ratio Lower Upper
75 100
77 69.8 22.3 41.3#



#48
2-Hexanone
Concen: 3.938 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.007 min
Lab File: VV022726.D
Acq: 11 Oct 2021 13:53

Tgt Ion: 43 Resp: 11866
Ion Ratio Lower Upper
43 100
58 43.4 47.4 71.0#
57 15.5 15.3 22.9
100 9.7 10.4 15.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.516 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.978 min
 Lab File: VV022726.D
 Acq: 11 Oct 2021 13:53

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 5526
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2
 110 2.8 34.2 51.4#

