

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101221\
 Data File : VV022753.D
 Acq On : 12 Oct 2021 14:58
 Operator : SY/MD
 Sample : M4125-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 13 01:18:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 01:15:35 2021
 Response via : Initial Calibration

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

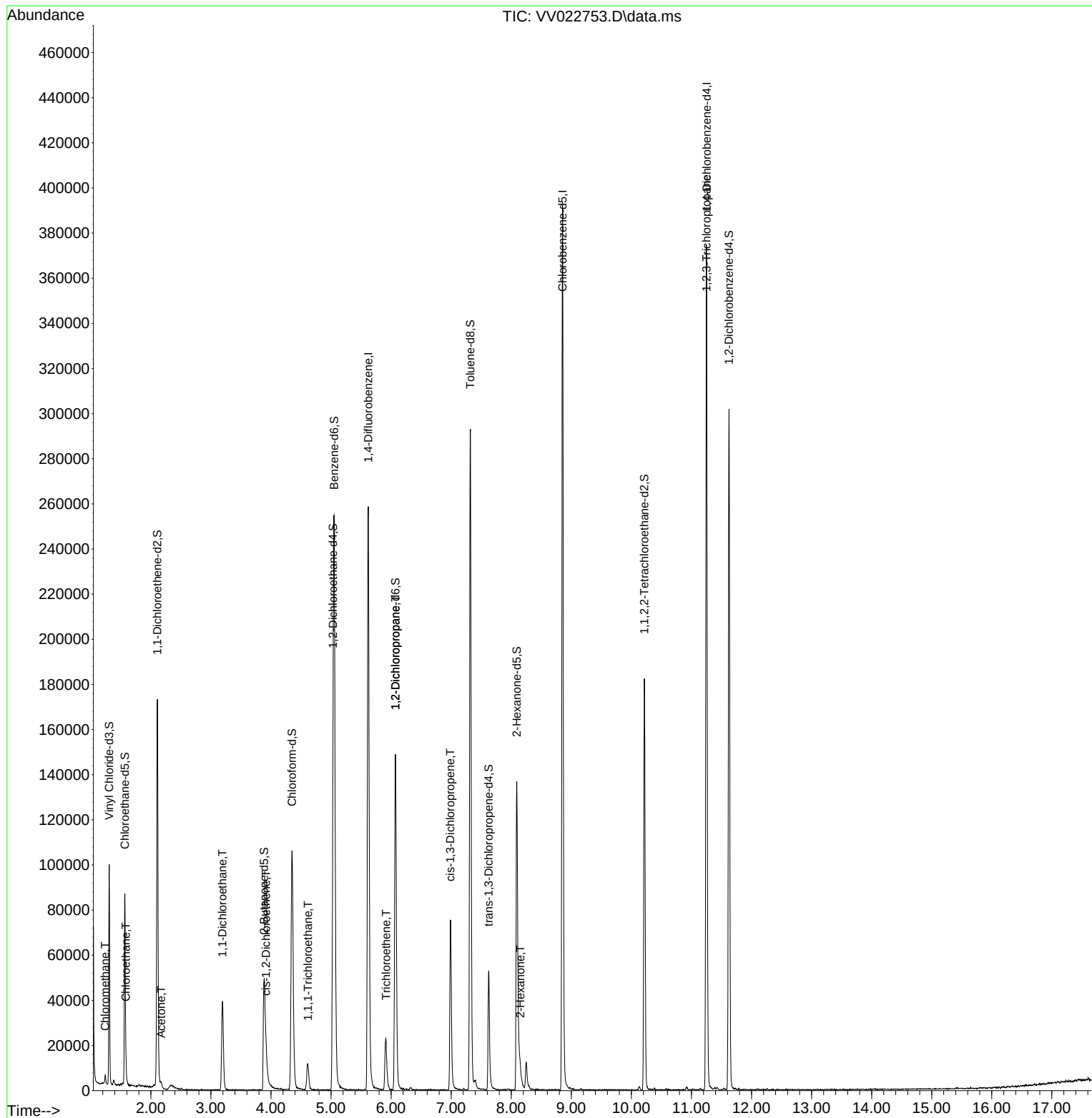
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	228881	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	223816	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	103178	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60869	43.001	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.000%
7) Chloroethane-d5	1.568	69	48350	43.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.900%
11) 1,1-Dichloroethene-d2	2.108	63	87753	31.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.880%
21) 2-Butanone-d5	3.886	46	81989	105.225	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.220%
24) Chloroform-d	4.349	84	112789	43.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.220%
26) 1,2-Dichloroethane-d4	5.034	65	70647	47.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.180%
32) Benzene-d6	5.053	84	226743	43.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.460%
36) 1,2-Dichloropropane-d6	6.072	67	73253	45.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.780%
41) Toluene-d8	7.317	98	197526	41.530	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.060%
43) trans-1,3-Dichloroprop...	7.625	79	31077	41.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.300%
47) 2-Hexanone-d5	8.092	63	44173	66.803	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	87429	39.389	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.780%
66) 1,2-Dichlorobenzene-d4	11.625	152	82201	48.854	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.700%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2027	0.891	ug/L	94
8) Chloroethane	1.584	64	5386	4.093	ug/L	100
13) Acetone	2.172	43	2930	2.977	ug/L #	43
19) 1,1-Dichloroethane	3.191	63	38895	12.525	ug/L	97
20) cis-1,2-Dichloroethene	3.918	96	1644	0.879	ug/L	97
30) 1,1,1-Trichloroethane	4.616	97	9005	3.221	ug/L	95
34) Trichloroethene	5.918	95	2387	1.323	ug/L	88
37) 1,2-Dichloropropane	6.072	63	7985	4.513	ug/L #	87
39) cis-1,3-Dichloropropene	6.986	75	1874	0.704	ug/L #	65
48) 2-Hexanone	8.149	43	7129	3.749	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	11281	5.749	ug/L #	63

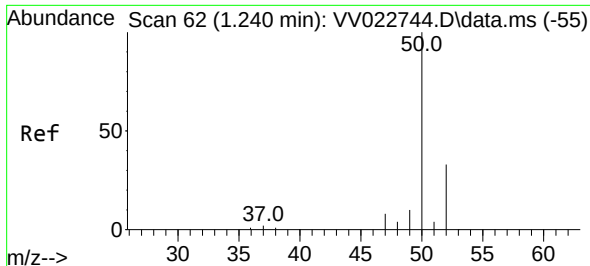
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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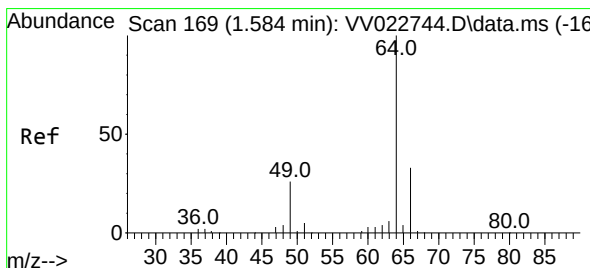
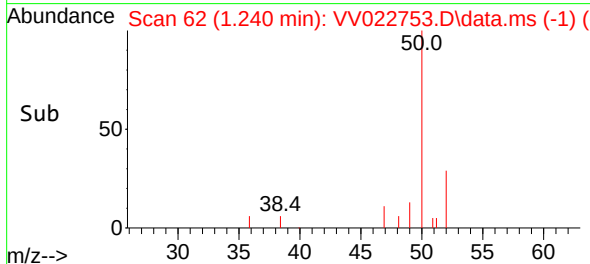
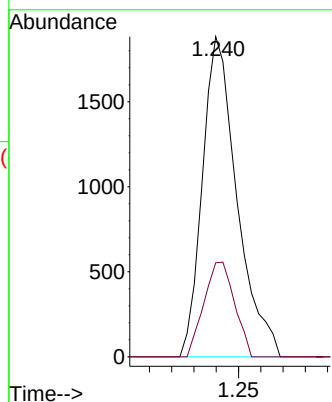
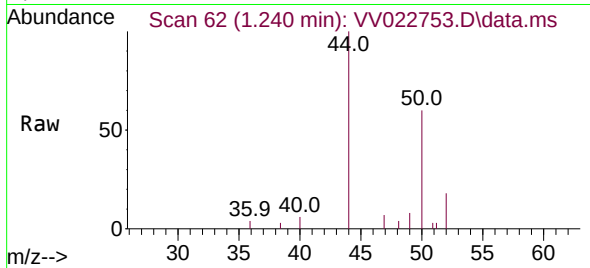




#3
Chloromethane
Concen: 0.891 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022753.D
Acq: 12 Oct 2021 14:58

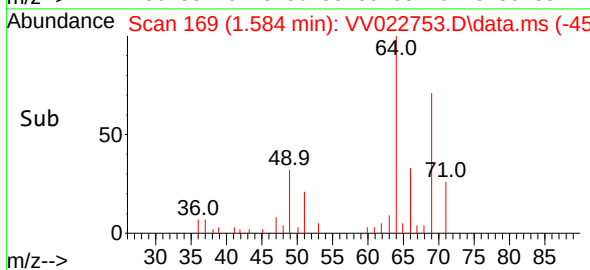
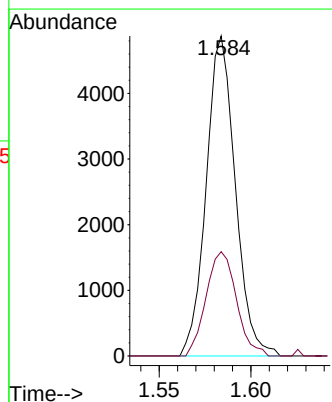
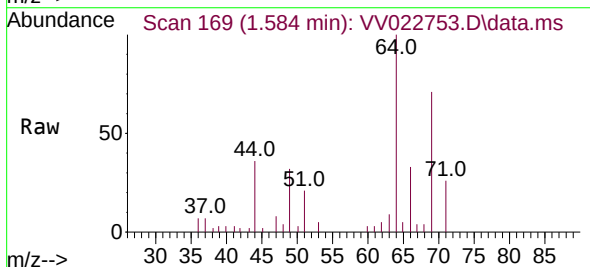
Instrument :
MSVOA_V
ClientSampled :

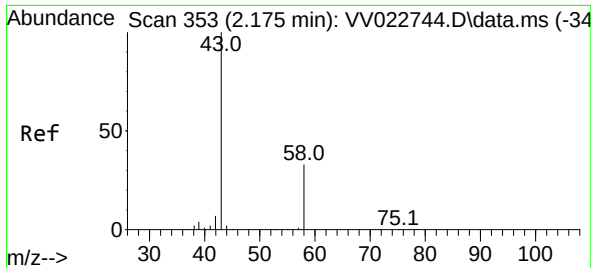
Tgt Ion: 50 Resp: 2027
Ion Ratio Lower Upper
50 100
52 29.4 23.0 42.8



#8
Chloroethane
Concen: 4.093 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022753.D
Acq: 12 Oct 2021 14:58

Tgt Ion: 64 Resp: 5386
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3

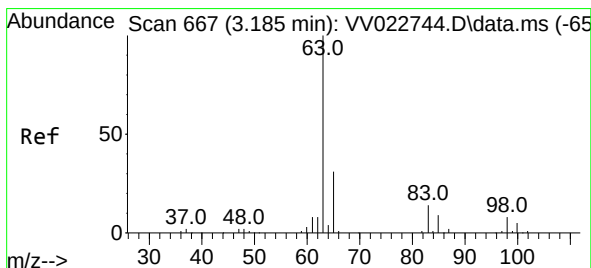
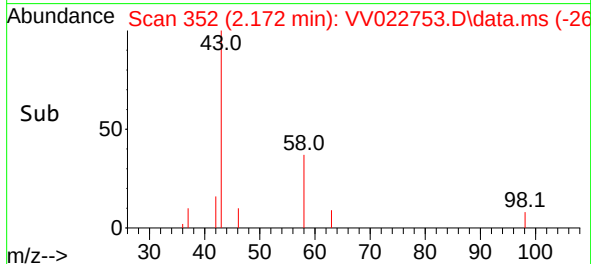
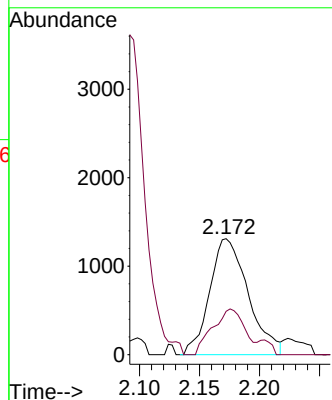
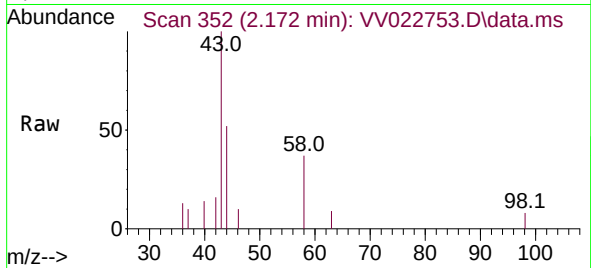




#13
Acetone
Concen: 2.977 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.003 min
Lab File: VV022753.D
Acq: 12 Oct 2021 14:58

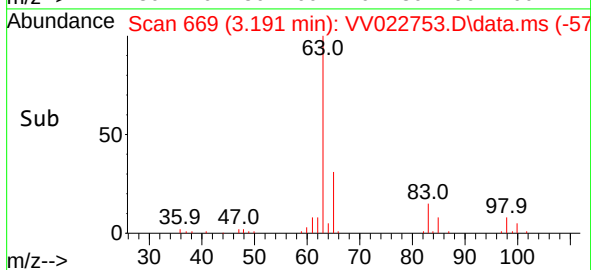
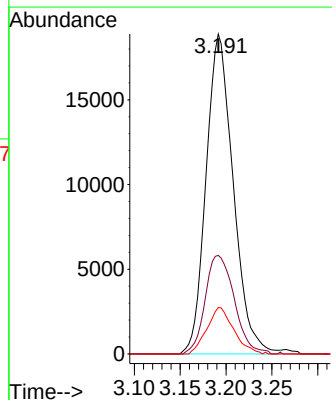
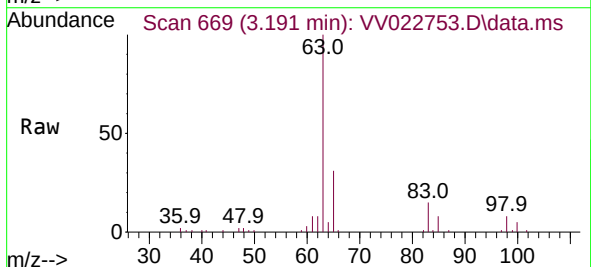
Instrument :
MSVOA_V
ClientSampled :

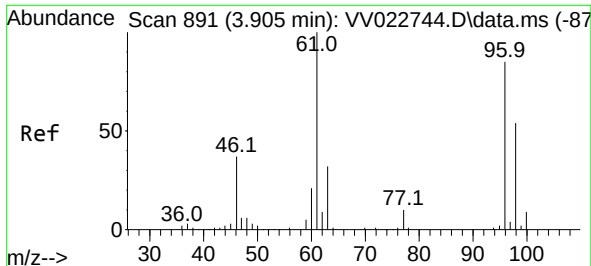
Tgt Ion: 43 Resp: 2930
Ion Ratio Lower Upper
43 100
58 32.0 0.0 21.2#



#19
1,1-Dichloroethane
Concen: 12.525 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.007 min
Lab File: VV022753.D
Acq: 12 Oct 2021 14:58

Tgt Ion: 63 Resp: 38895
Ion Ratio Lower Upper
63 100
65 30.8 22.9 42.5
83 14.5 9.4 17.4

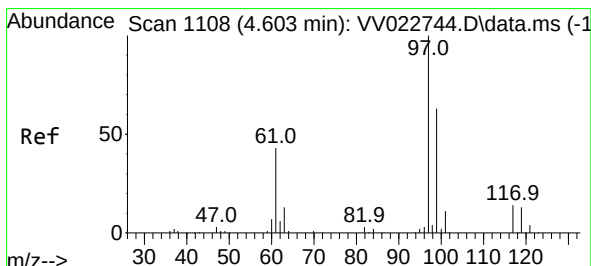
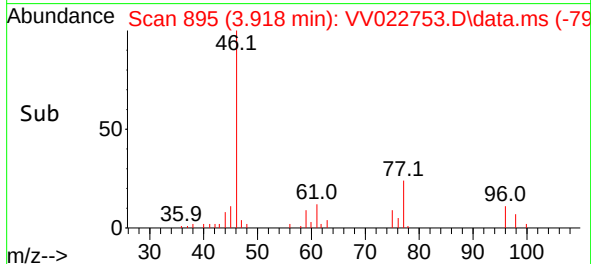
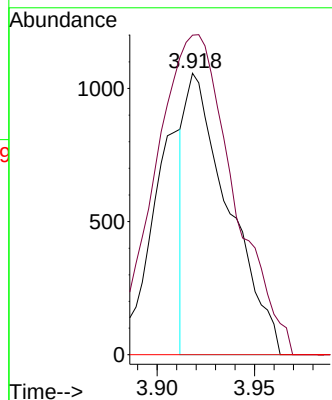
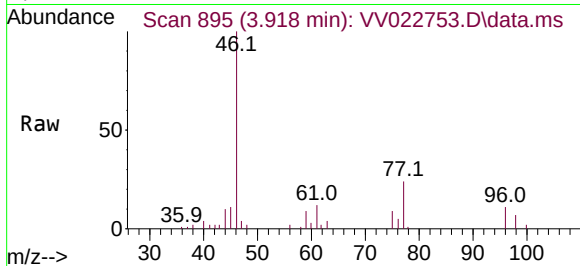




#20
 cis-1,2-Dichloroethene
 Concen: 0.879 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.013 min
 Lab File: VV022753.D
 Acq: 12 Oct 2021 14:58

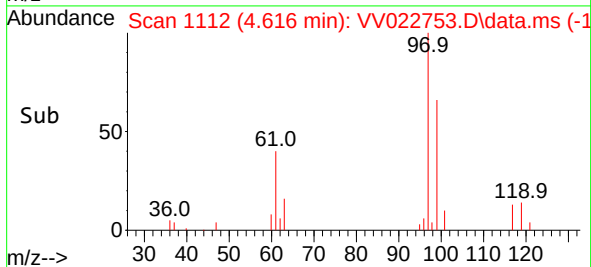
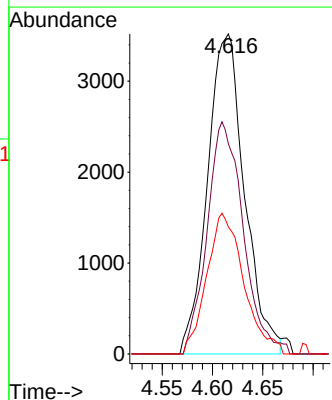
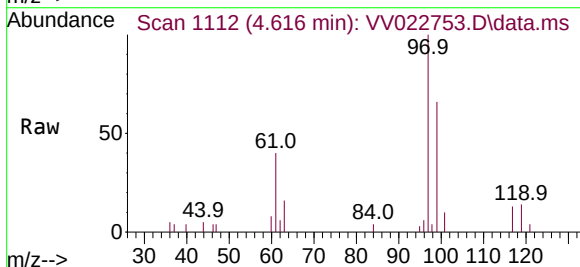
Instrument :
 MSVOA_V
 ClientSampled :

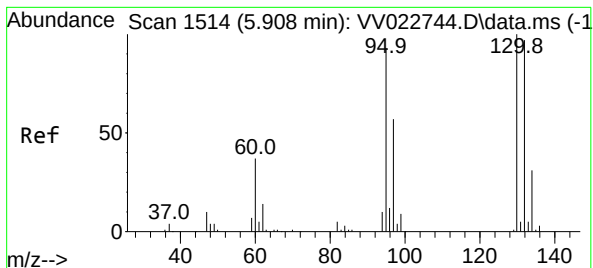
Tgt Ion:	96	Resp:	1644
Ion	Ratio	Lower	Upper
96	100		
61	113.5	81.9	152.1
68	0.0	0.0	0.0



#30
 1,1,1-Trichloroethane
 Concen: 3.221 ug/L
 RT: 4.616 min Scan# 1112
 Delta R.T. 0.013 min
 Lab File: VV022753.D
 Acq: 12 Oct 2021 14:58

Tgt Ion:	97	Resp:	9005
Ion	Ratio	Lower	Upper
97	100		
99	70.2	51.7	77.5
61	42.8	32.9	49.3





#34

Trichloroethene

Concen: 1.323 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV022753.D

Acq: 12 Oct 2021 14:58

Tgt Ion: 95 Resp: 2387

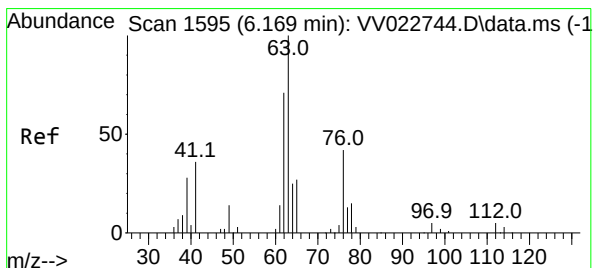
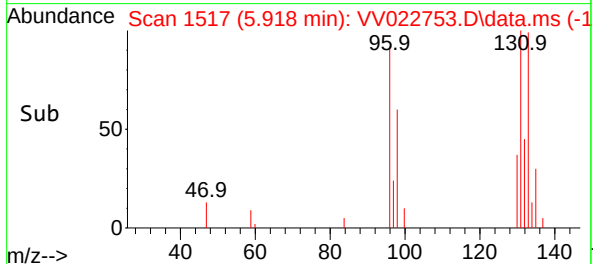
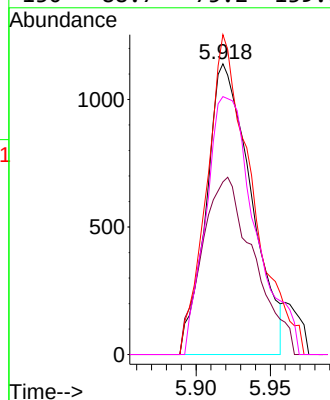
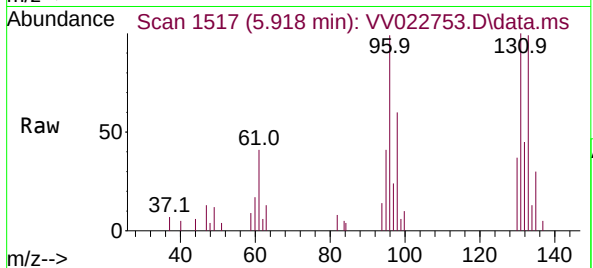
Ion Ratio Lower Upper

95 100

97 59.4 45.4 84.4

132 110.0 71.5 132.9

130 88.7 75.2 139.6



#37

1,2-Dichloropropane

Concen: 4.513 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV022753.D

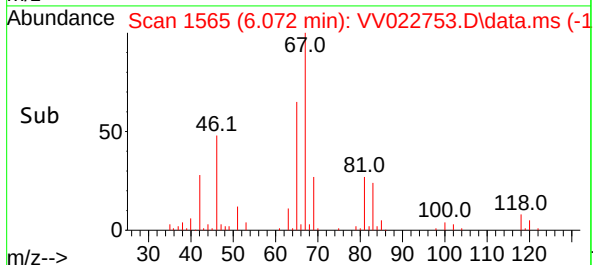
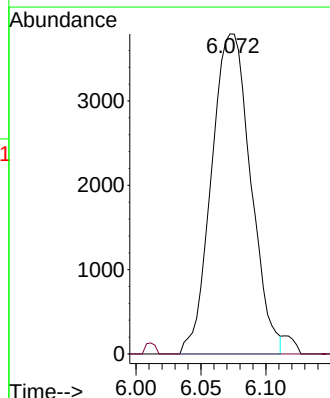
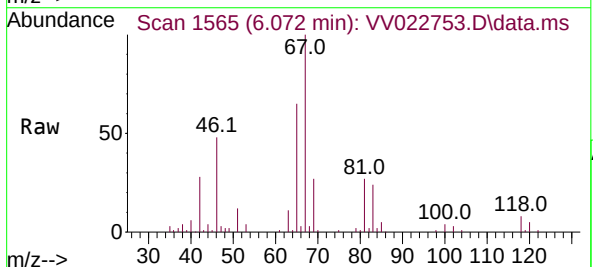
Acq: 12 Oct 2021 14:58

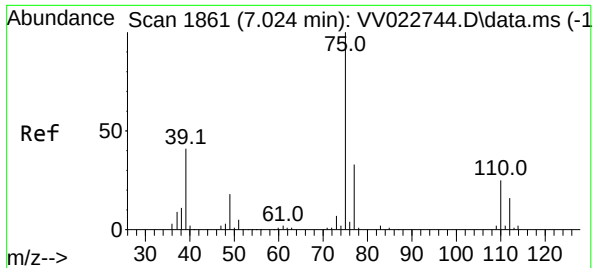
Tgt Ion: 63 Resp: 7985

Ion Ratio Lower Upper

63 100

112 0.9 4.1 6.1#



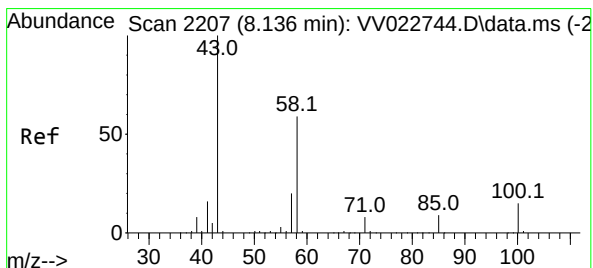
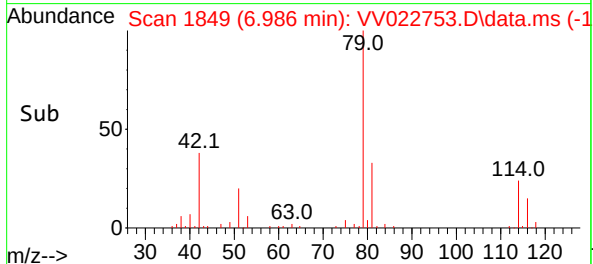
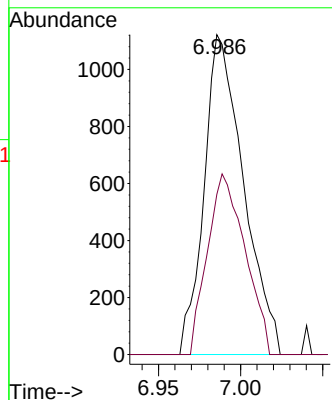
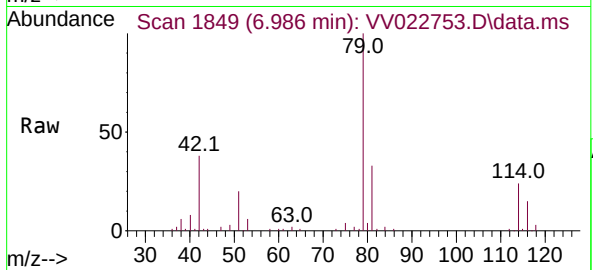


#39

cis-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.038 min
Lab File: VV022753.D
Acq: 12 Oct 2021 14:58

Instrument :
MSVOA_V
ClientSampled :

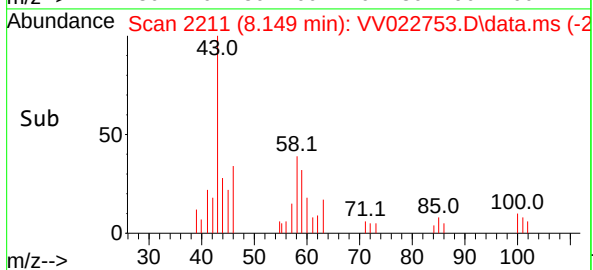
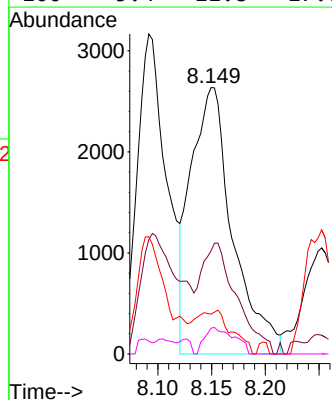
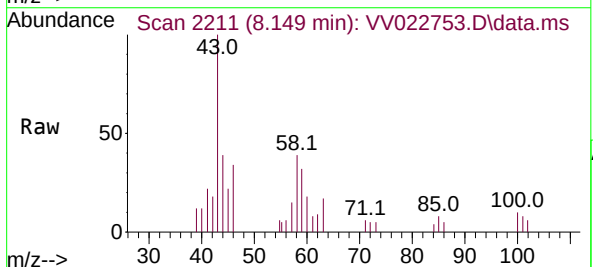
Tgt Ion: 75 Resp: 1874
Ion Ratio Lower Upper
75 100
77 50.1 21.6 40.2#

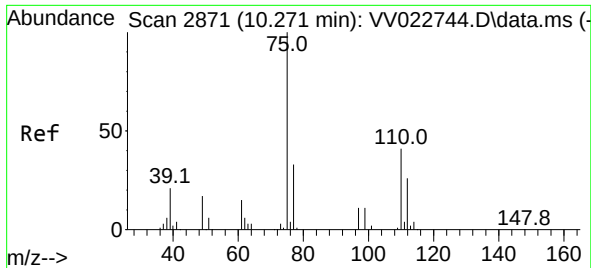


#48

2-Hexanone
Concen: 3.749 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.013 min
Lab File: VV022753.D
Acq: 12 Oct 2021 14:58

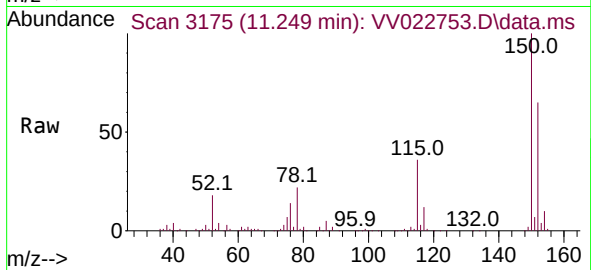
Tgt Ion: 43 Resp: 7129
Ion Ratio Lower Upper
43 100
58 35.5 47.0 70.4#
57 0.0 15.8 23.6#
100 5.4 11.8 17.6#





#61
 1,2,3-Trichloropropane
 Concen: 5.749 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.978 min
 Lab File: VV022753.D
 Acq: 12 Oct 2021 14:58

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	11281
Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.0	39.0
110	2.4	34.3	51.5#

