

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022249.D
 Acq On : 20 Sep 2021 22:15
 Operator : SY/MD
 Sample : M3788-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 06:22:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 06:08:34 2021
 Response via : Initial Calibration

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

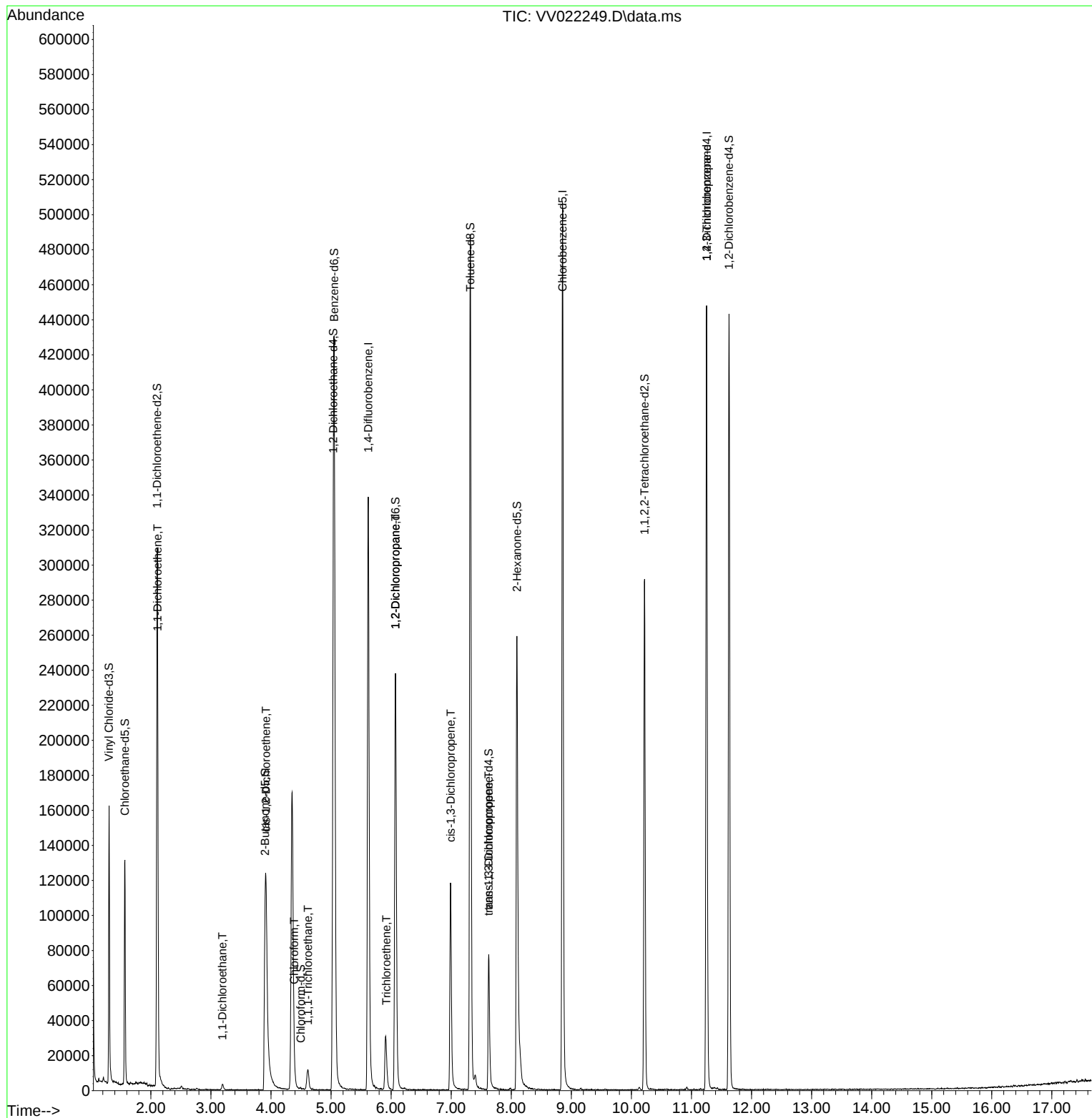
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	307253	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	287118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	121615	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	101549	47.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.460%
7) Chloroethane-d5	1.568	69	81889	49.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.560%
11) 1,1-Dichloroethene-d2	2.105	63	150521	42.774	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.540%
21) 2-Butanone-d5	3.902	46	149167	102.221	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.220%
24) Chloroform-d	4.497	84	152	0.039	ug/L	0.15
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.080%#
26) 1,2-Dichloroethane-d4	5.037	65	112652	49.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.600%
32) Benzene-d6	5.053	84	380303	48.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.660%
36) 1,2-Dichloropropane-d6	6.072	67	119844	48.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.860%
41) Toluene-d8	7.320	98	327856	44.598	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.625	79	46157	39.597	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.200%
47) 2-Hexanone-d5	8.095	63	93399	99.391	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.390%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	141398	45.080	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.160%
66) 1,2-Dichlorobenzene-d4	11.625	152	119360	49.924	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.840%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	21325	12.033	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	3649	0.956	ug/L	94
20) cis-1,2-Dichloroethene	3.915	96	36441	15.279	ug/L	98
25) Chloroform	4.384	83	5048	1.249	ug/L	92
30) 1,1,1-Trichloroethane	4.616	97	9453	2.770	ug/L	98
34) Trichloroethene	5.921	95	3056	1.292	ug/L	84
37) 1,2-Dichloropropane	6.072	63	12333	5.696	ug/L #	87
39) cis-1,3-Dichloropropene	6.992	75	2899	0.867	ug/L	87
44) trans-1,3-Dichloropropene	7.622	75	1926	0.619	ug/L	87
61) 1,2,3-Trichloropropane	11.252	75	13817	6.555	ug/L #	62

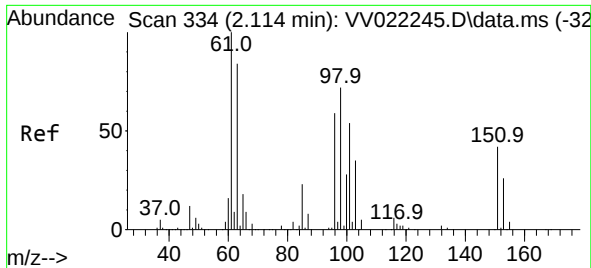
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Sep 21 06:08:34 2021
Response via : Initial Calibration

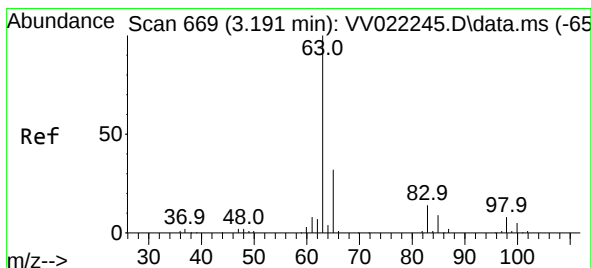
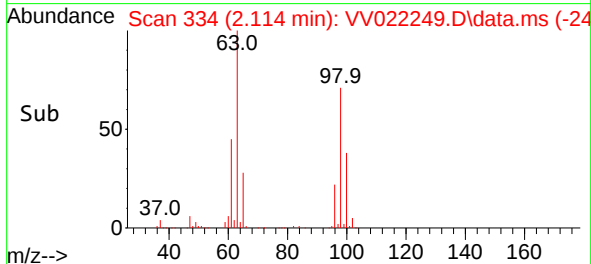
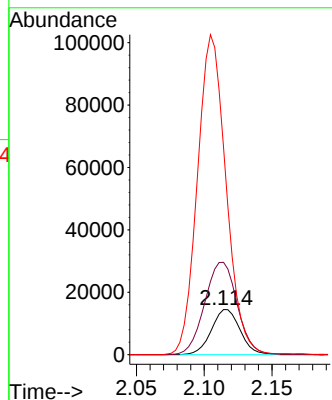
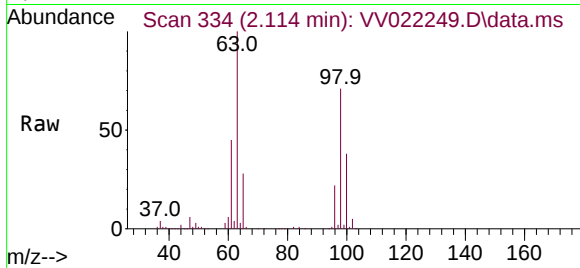




#12
1,1-Dichloroethene
Concen: 12.033 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

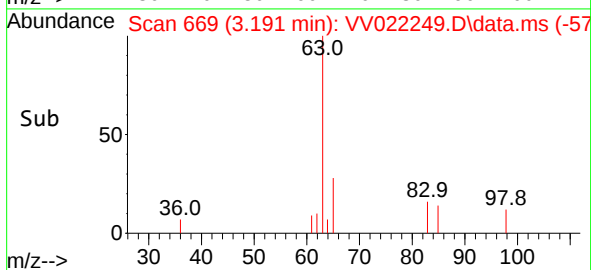
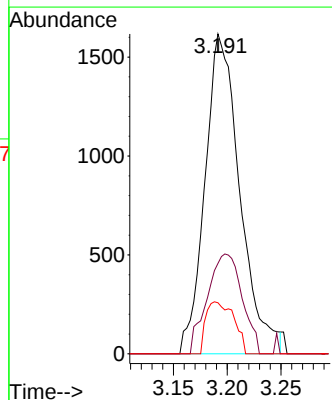
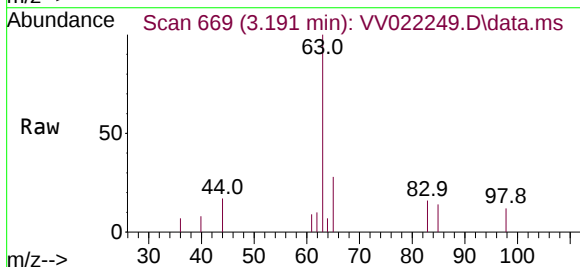
Instrument :
MSVOA_V
ClientSampled :

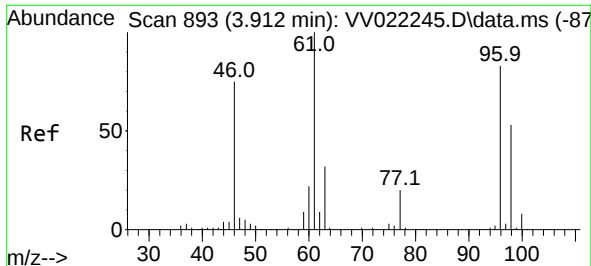
Tgt Ion: 96 Resp: 21325
Ion Ratio Lower Upper
96 100
61 204.7 113.2 210.2
63 459.3 102.3 189.9#



#19
1,1-Dichloroethane
Concen: 0.956 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

Tgt Ion: 63 Resp: 3649
Ion Ratio Lower Upper
63 100
65 28.3 22.2 41.2
83 16.0 9.7 17.9





#20

cis-1,2-Dichloroethene

Concen: 15.279 ug/L

RT: 3.915 min Scan# 894

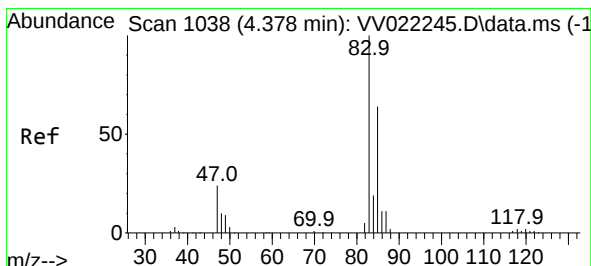
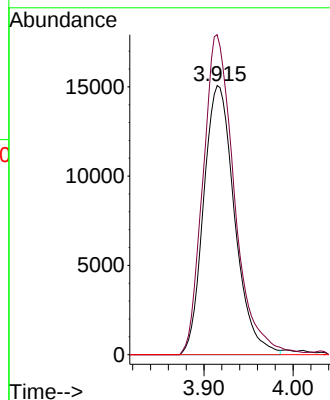
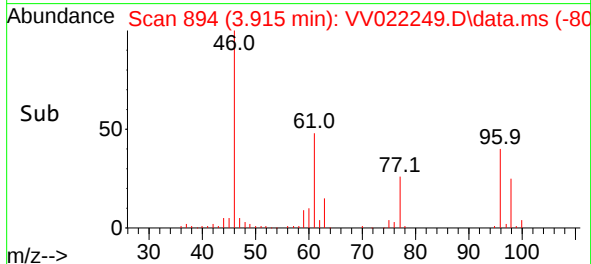
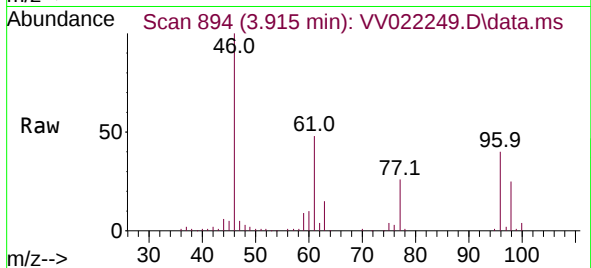
Delta R.T. 0.003 min

Lab File: VV022249.D

Acq: 20 Sep 2021 22:15

Tgt Ion: 96 Resp: 36441

Ion	Ratio	Lower	Upper
96	100		
61	118.9	81.8	152.0
68	0.0	0.0	0.0



#25

Chloroform

Concen: 1.249 ug/L

RT: 4.384 min Scan# 1040

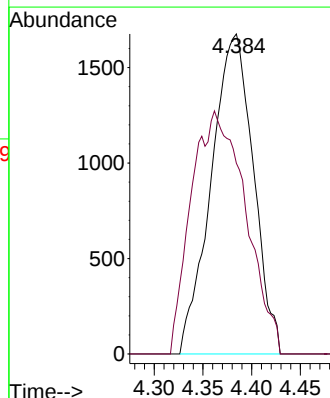
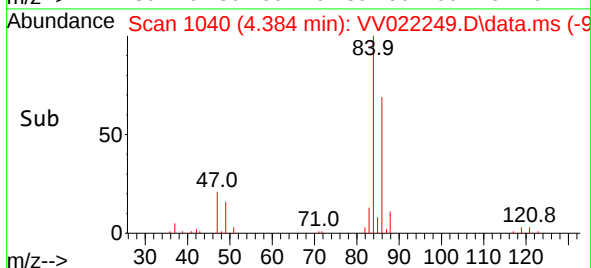
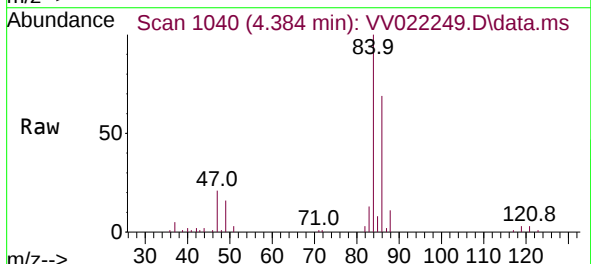
Delta R.T. 0.006 min

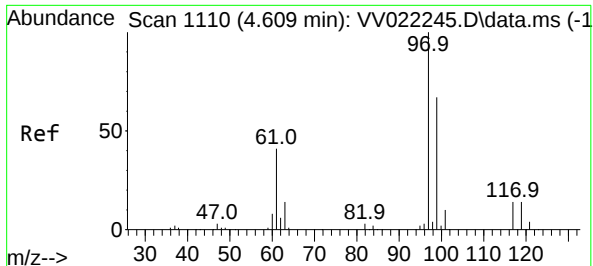
Lab File: VV022249.D

Acq: 20 Sep 2021 22:15

Tgt Ion: 83 Resp: 5048

Ion	Ratio	Lower	Upper
83	100		
85	59.6	46.3	85.9

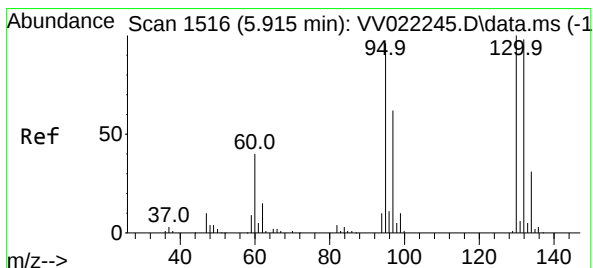
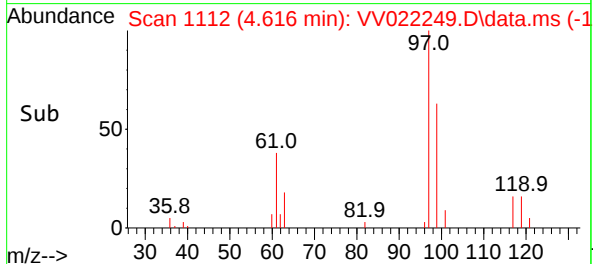
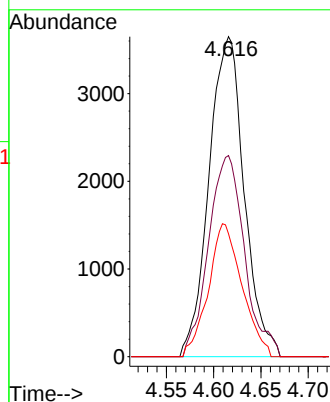
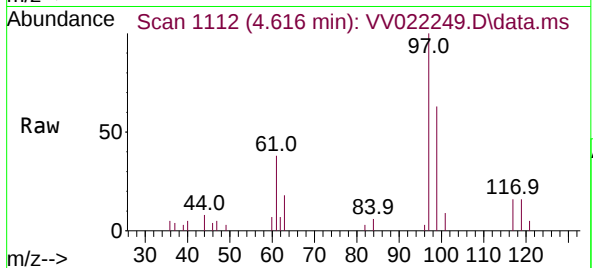




#30
1,1,1-Trichloroethane
Concen: 2.770 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

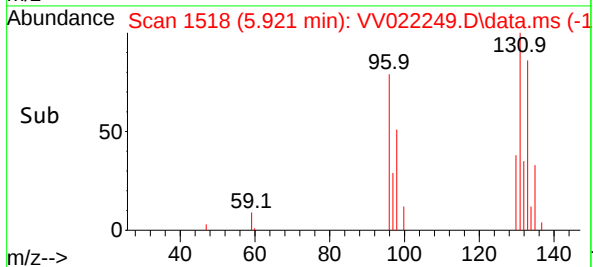
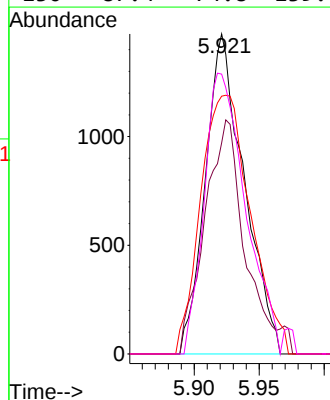
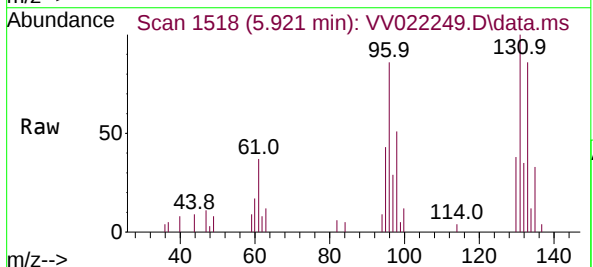
Instrument :
MSVOA_V
ClientSampleId :

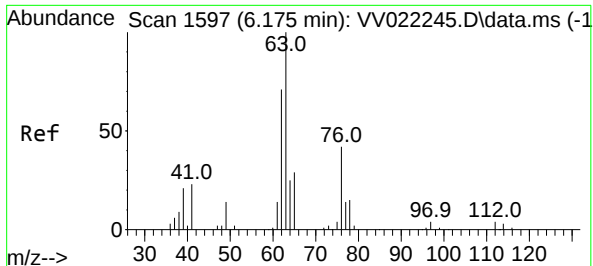
Tgt Ion:	97	Resp:	9453
Ion	Ratio	Lower	Upper
97	100		
99	62.6	52.0	78.0
61	39.7	31.8	47.8



#34
Trichloroethene
Concen: 1.292 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

Tgt Ion:	95	Resp:	3056
Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.1	81.9
132	80.6	70.7	131.3
130	87.4	74.8	139.0



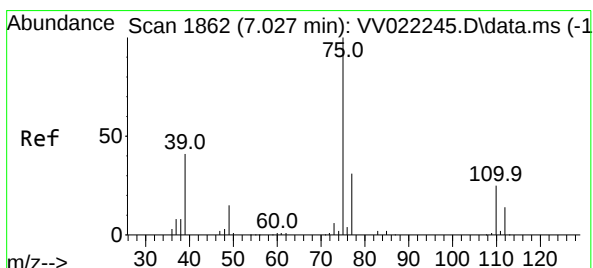
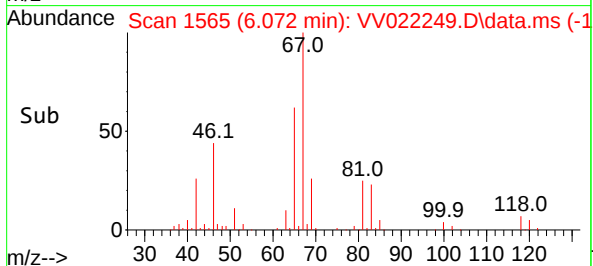
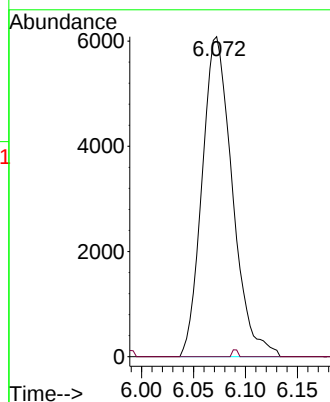
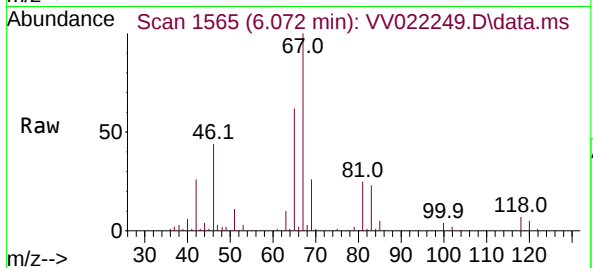


#37

1,2-Dichloropropane
Concen: 5.696 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

Instrument :
MSVOA_V
ClientSampled :

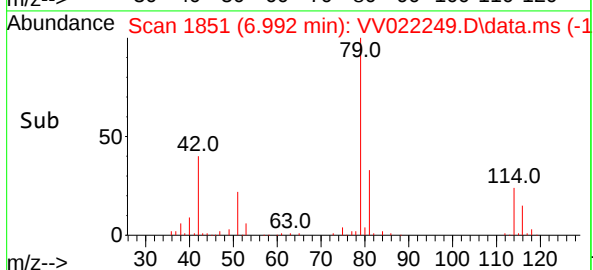
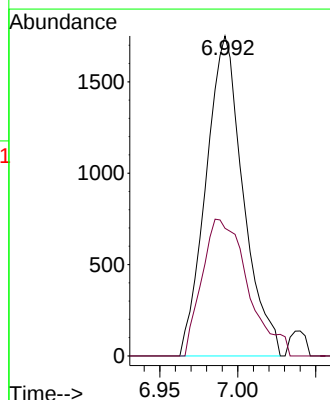
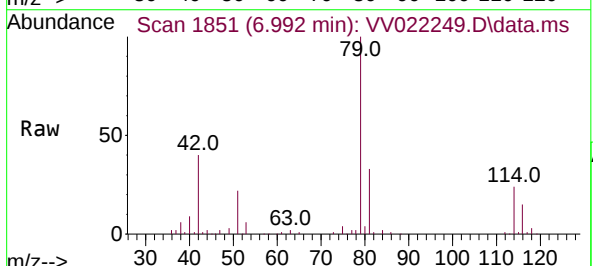
Tgt Ion: 63 Resp: 12333
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#

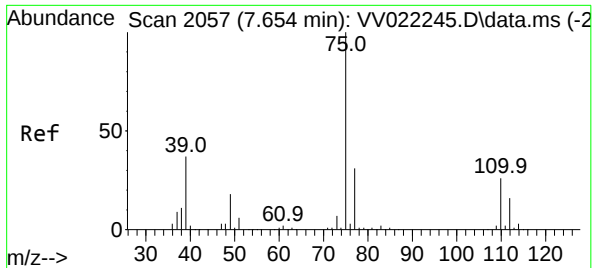


#39

cis-1,3-Dichloropropene
Concen: 0.867 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

Tgt Ion: 75 Resp: 2899
Ion Ratio Lower Upper
75 100
77 39.9 22.7 42.1

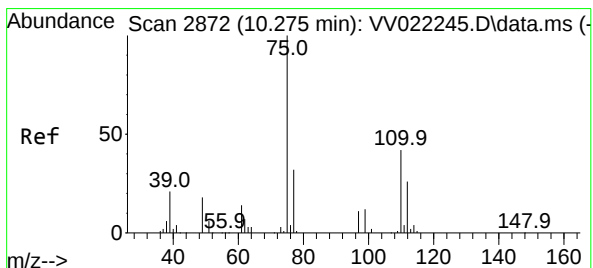
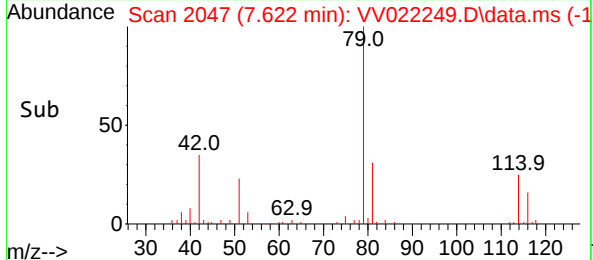
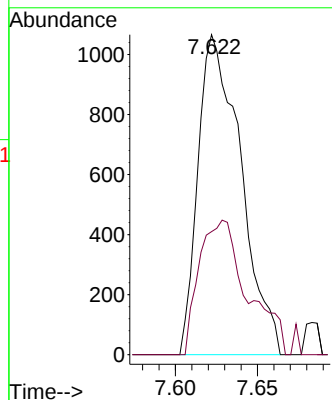
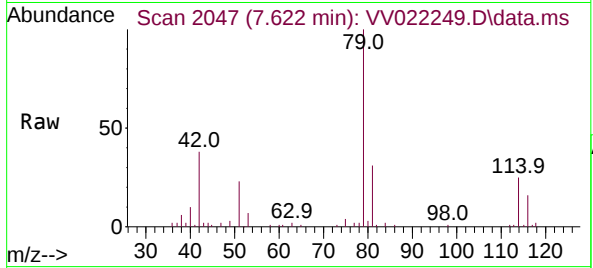




#44
trans-1,3-Dichloropropene
Concen: 0.619 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.032 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 1926
Ion Ratio Lower Upper
75 100
77 38.5 21.8 40.6



#61
1,2,3-Trichloropropane
Concen: 6.555 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

Tgt Ion: 75 Resp: 13817
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.2
110 1.1 33.8 50.6#

