

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022848.D
 Acq On : 15 Oct 2021 19:53
 Operator : SY/MD
 Sample : M4223-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:30:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

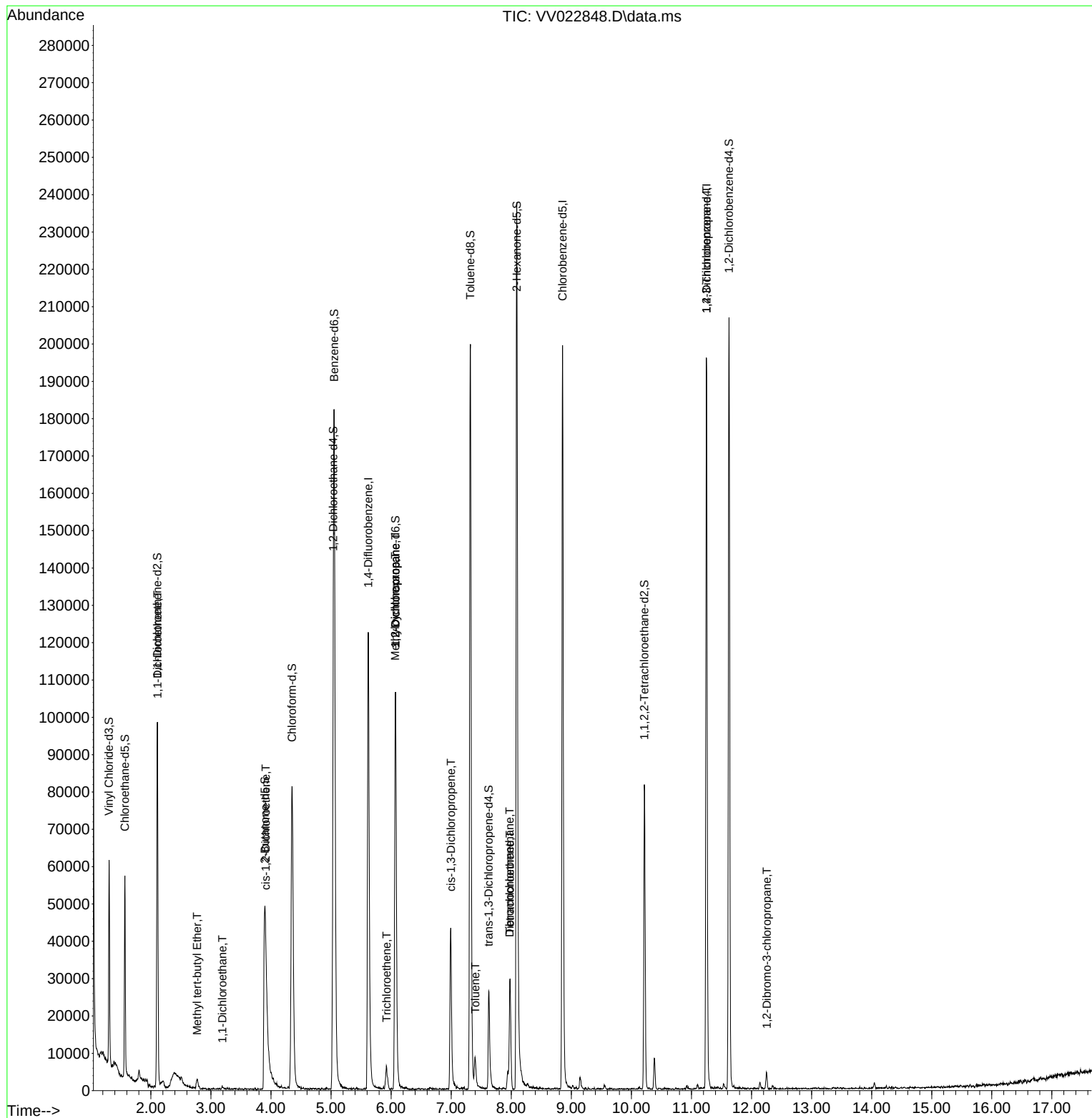
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108329	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	113507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54102	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34036	4.567	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.568	69	31836	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.108	63	49670	3.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.895	46	102259	52.326	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.660%
24) Chloroform-d	4.349	84	86559	5.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	5.037	65	40304	5.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.053	84	164432	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.072	67	52904	5.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.320	98	136399	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.625	79	16379	4.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.091	63	81909	61.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39368	5.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	54154	5.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	468	0.072	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	2414	0.152	ug/L	92
19) 1,1-Dichloroethane	3.191	63	690	0.054	ug/L #	48
22) cis-1,2-Dichloroethene	3.912	96	2061	0.276	ug/L	80
34) Trichloroethene	5.924	95	1551	0.187	ug/L	89
35) Methylcyclohexane	6.069	83	12424	1.067	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5620	0.764	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1169	0.120	ug/L #	62
42) Toluene	7.400	91	6425	0.207	ug/L	87
47) Tetrachloroethene	7.979	164	7300	1.086	ug/L	96
49) Dibromochloromethane	7.976	129	6423	1.006	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	6057	1.611	ug/L #	60
68) 1,2-Dibromo-3-chloropr...	12.252	75	129	0.189	ug/L #	1

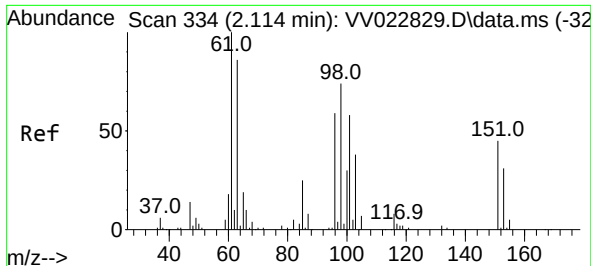
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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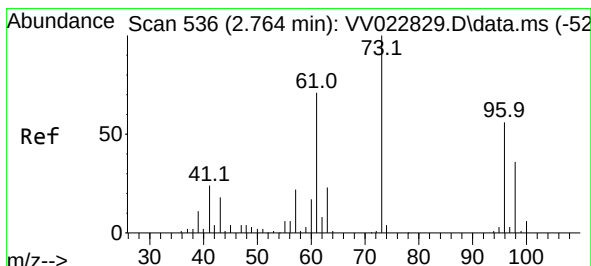
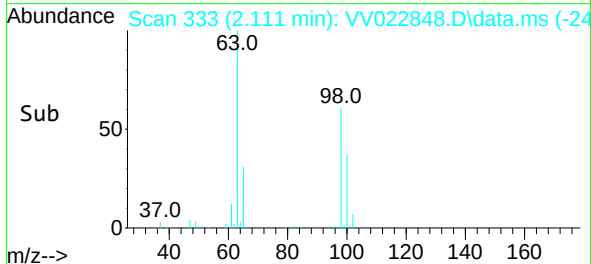
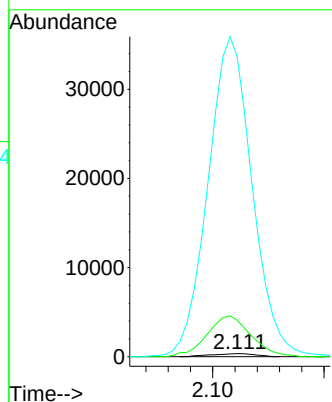
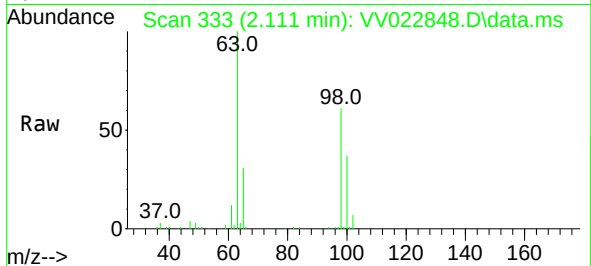




#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

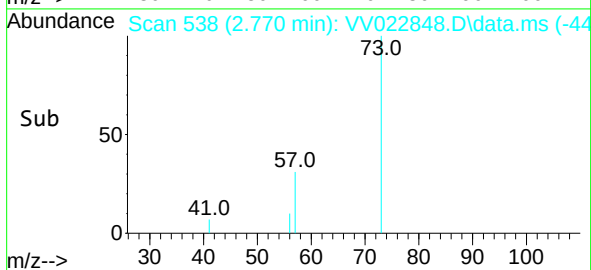
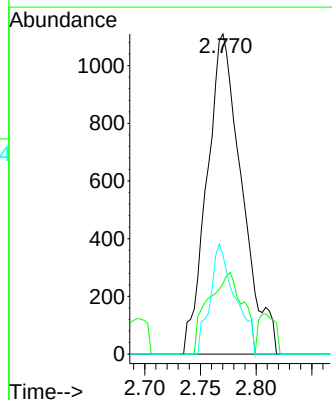
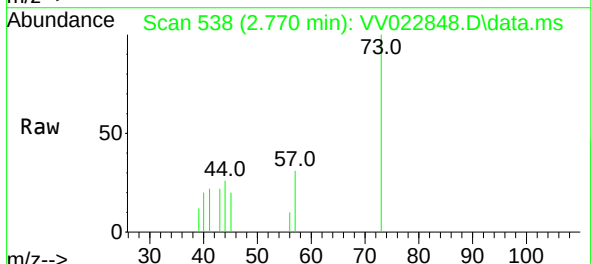
Instrument :
MSVOA_V
ClientSampled :

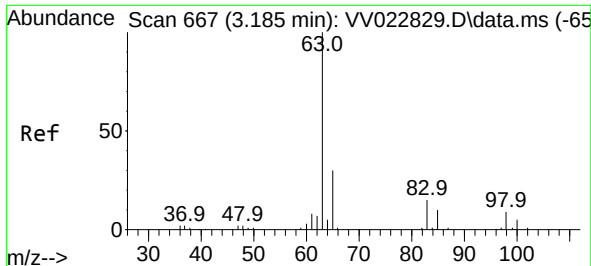
Tgt Ion: 96 Resp: 468
Ion Ratio Lower Upper
96 100
61 1178.7 127.3 236.5#
63 9701.4 106.2 197.2#



#17
Methyl tert-butyl Ether
Concen: 0.152 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

Tgt Ion: 73 Resp: 2414
Ion Ratio Lower Upper
73 100
43 25.4 17.1 25.7
57 24.8 17.2 25.8





#19

1,1-Dichloroethane

Concen: 0.054 ug/L

RT: 3.191 min Scan# 669

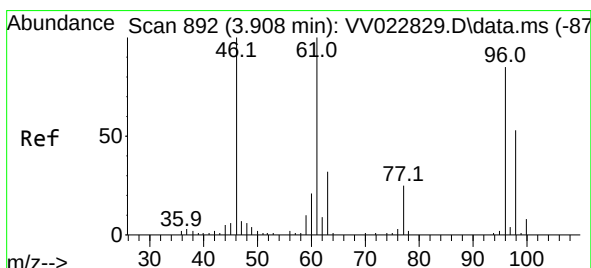
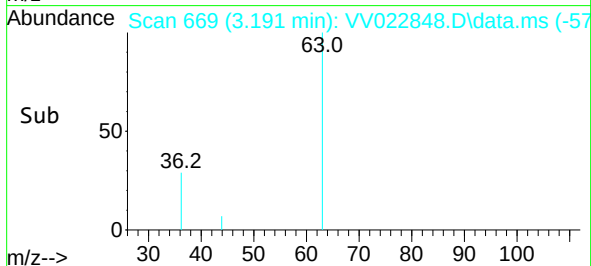
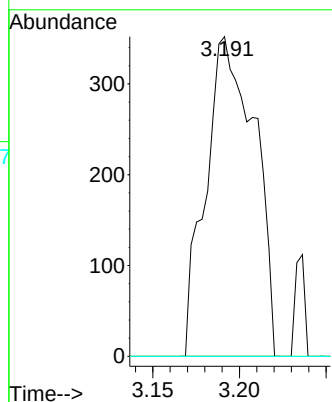
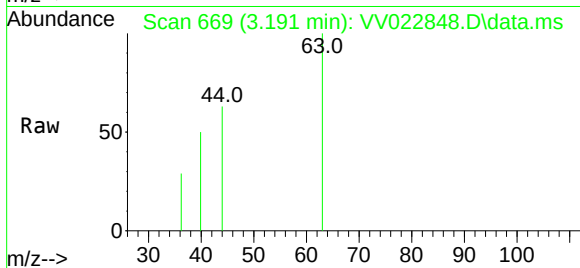
Delta R.T. 0.006 min

Lab File: VV022848.D

Acq: 15 Oct 2021 19:53

Tgt Ion: 63	Resp:	690
Ion Ratio	Lower	Upper
63	100	
65	0.0	23.5
83	0.0	10.1

Instrument :
MSVOA_V
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.276 ug/L

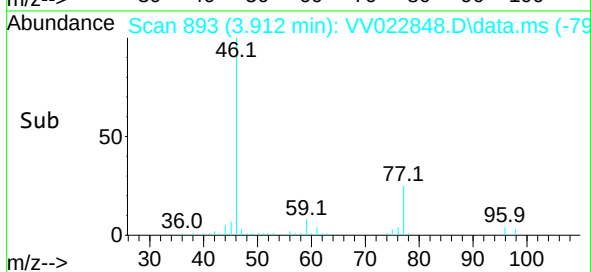
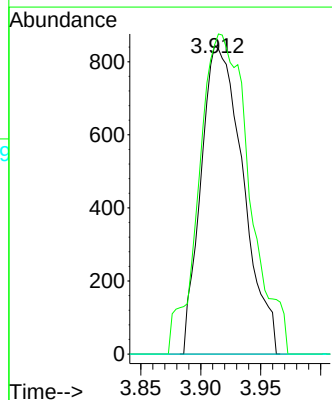
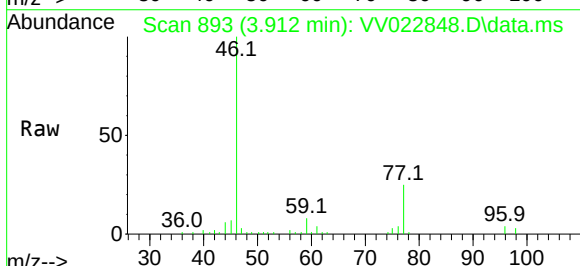
RT: 3.912 min Scan# 893

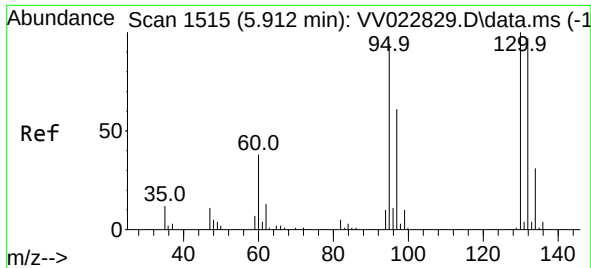
Delta R.T. 0.003 min

Lab File: VV022848.D

Acq: 15 Oct 2021 19:53

Tgt Ion: 96	Resp:	2061
Ion Ratio	Lower	Upper
96	100	
61	100.1	86.0
68	0.0	0.0



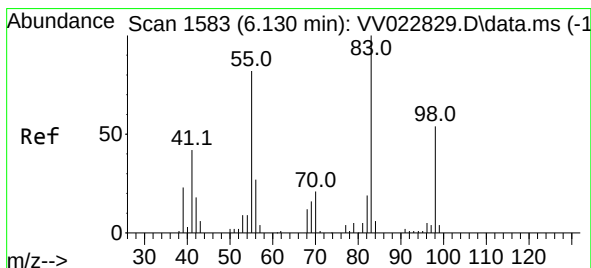
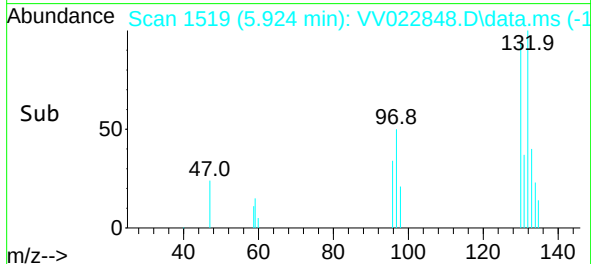
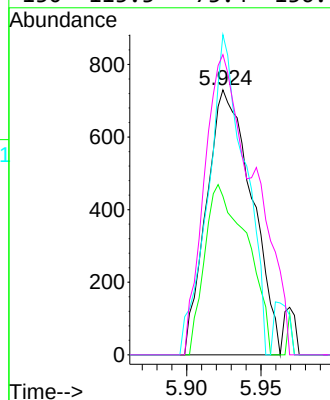
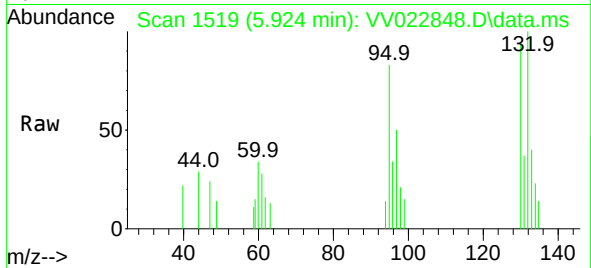


#34
Trichloroethene
Concen: 0.187 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 1551

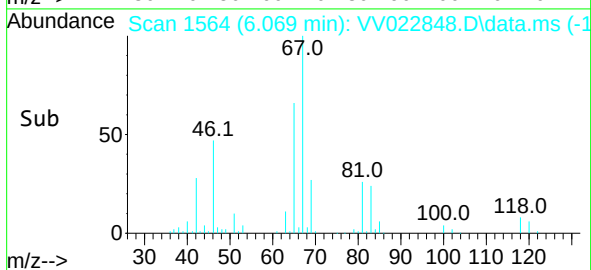
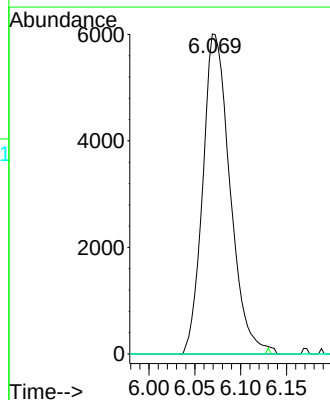
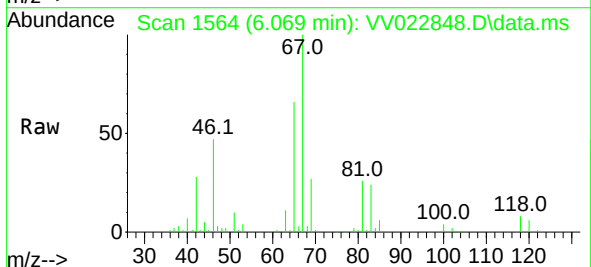
Ion	Ratio	Lower	Upper
95	100		
97	59.9	45.8	85.2
132	120.8	72.2	134.0
130	113.3	73.4	136.4

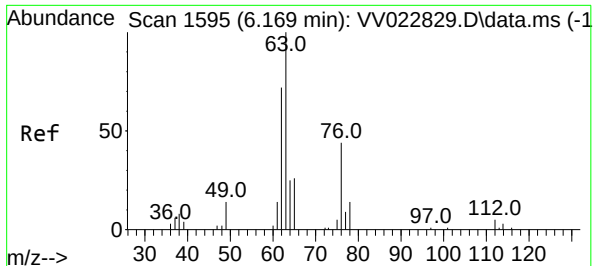


#35
Methylcyclohexane
Concen: 1.067 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

Tgt Ion: 83 Resp: 12424

Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.8	95.6#
98	4.0	42.1	63.1#



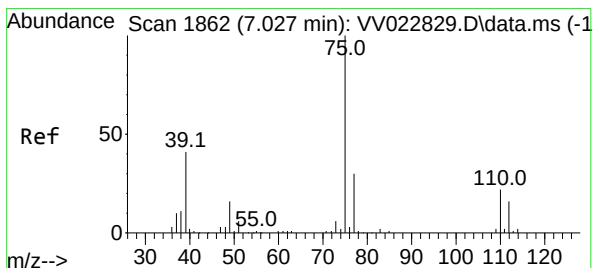
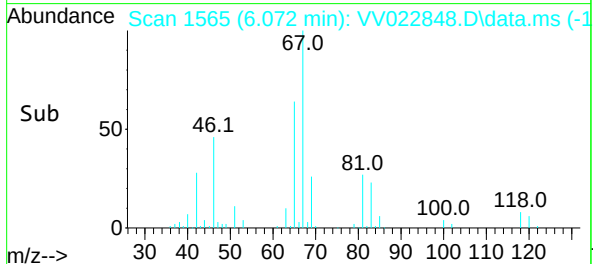
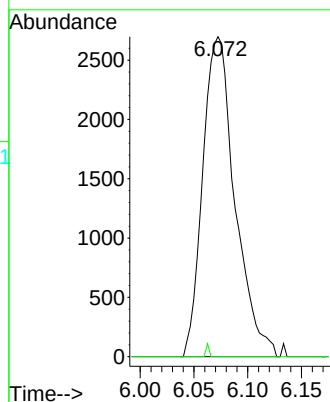
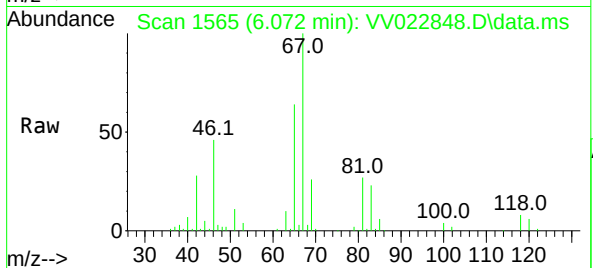


#37

1,2-Dichloropropane
Concen: 0.764 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.097 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

Instrument :
MSVOA_V
ClientSampled :

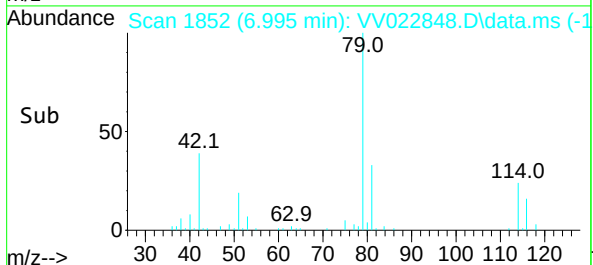
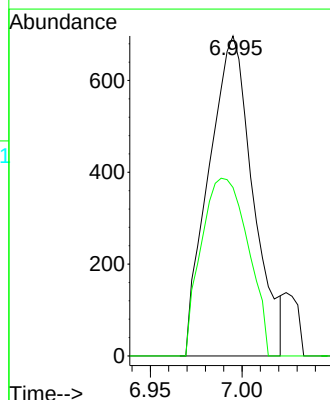
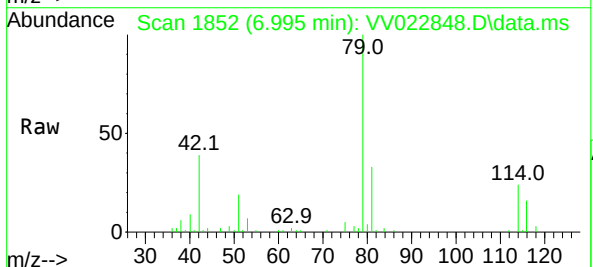
Tgt Ion: 63 Resp: 5620
Ion Ratio Lower Upper
63 100
112 0.4 4.4 6.6#

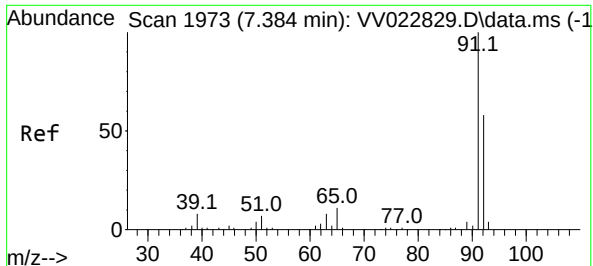


#39

cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.032 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

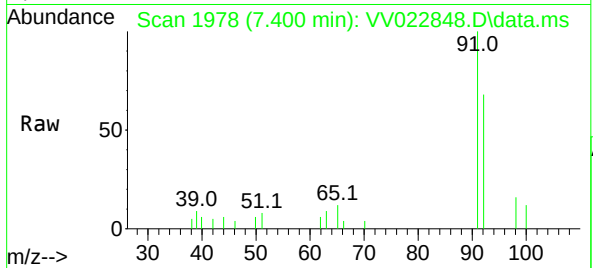
Tgt Ion: 75 Resp: 1169
Ion Ratio Lower Upper
75 100
77 52.7 22.3 41.3#



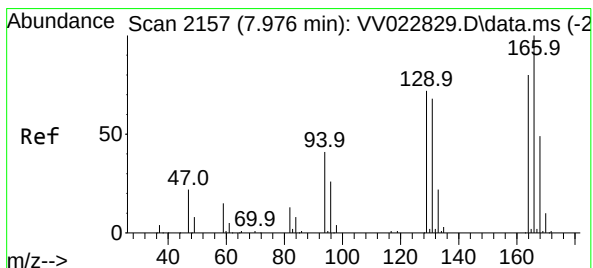
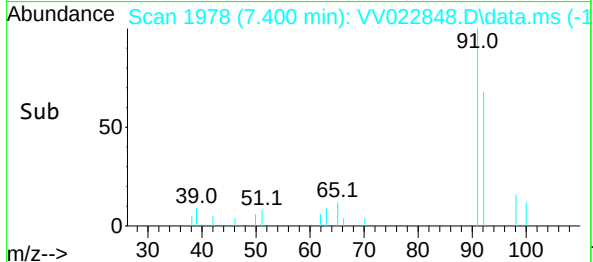
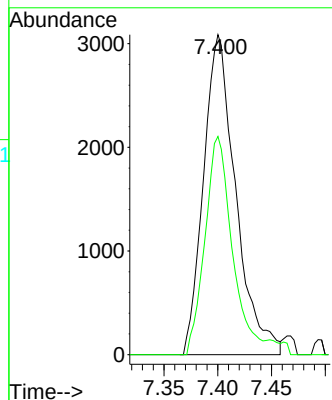


#42
Toluene
Concen: 0.207 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

Instrument :
MSVOA_V
ClientSampled :

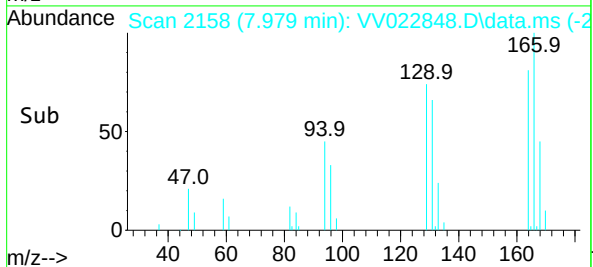
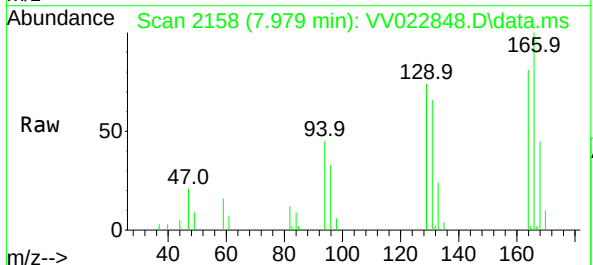
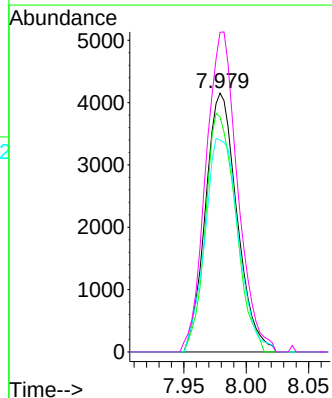


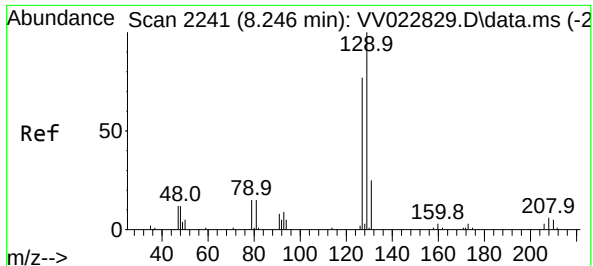
Tgt Ion: 91 Resp: 6425
Ion Ratio Lower Upper
91 100
92 68.2 40.7 75.7



#47
Tetrachloroethene
Concen: 1.086 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022848.D
Acq: 15 Oct 2021 19:53

Tgt Ion: 164 Resp: 7300
Ion Ratio Lower Upper
164 100
129 90.8 65.0 120.6
131 81.9 62.2 115.4
166 123.5 89.2 165.8





#49

Dibromochloromethane

Concen: 1.006 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022848.D

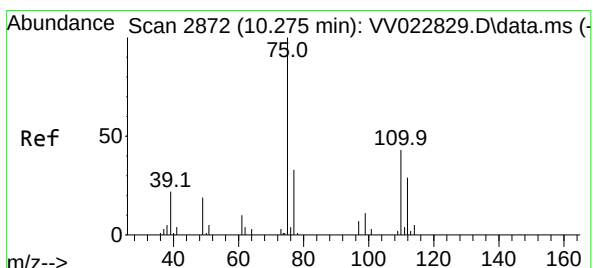
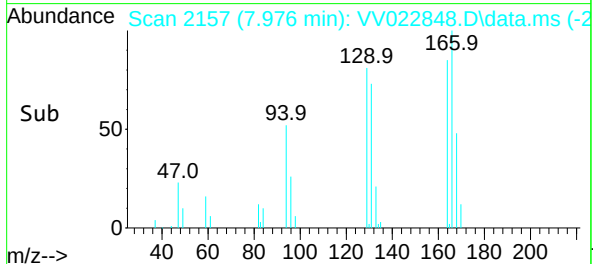
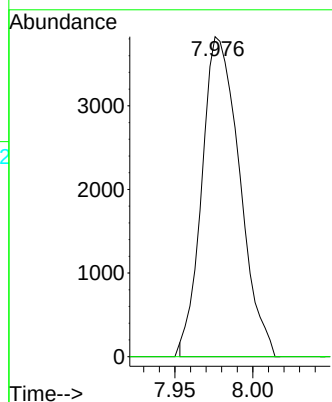
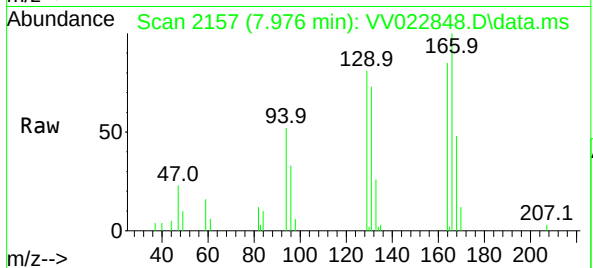
Acq: 15 Oct 2021 19:53

Tgt Ion:129 Resp: 6423

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.611 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022848.D

Acq: 15 Oct 2021 19:53

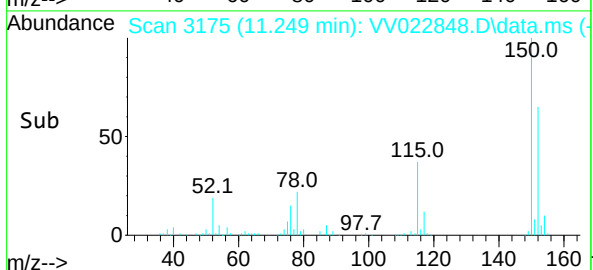
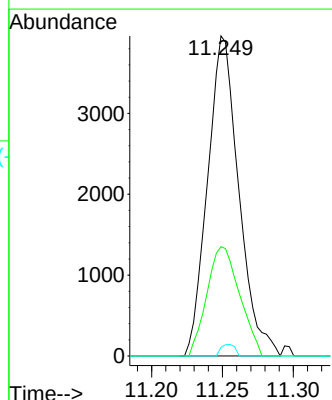
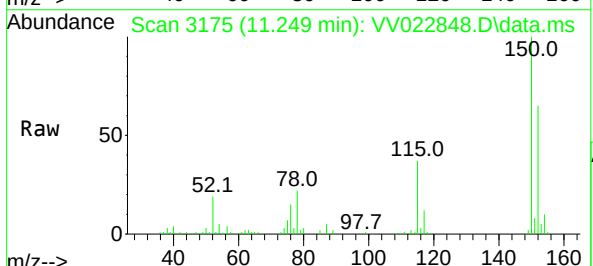
Tgt Ion: 75 Resp: 6057

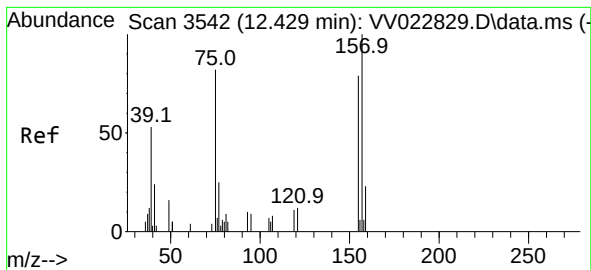
Ion Ratio Lower Upper

75 100

77 35.7 25.4 38.2

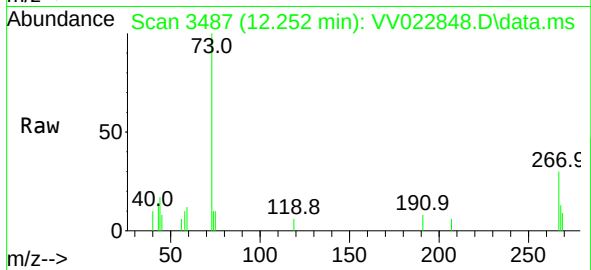
110 1.6 34.2 51.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.189 ug/L
 RT: 12.252 min Scan# 3487
 Delta R.T. -0.177 min
 Lab File: VV022848.D
 Acq: 15 Oct 2021 19:53

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 129
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#

