

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031022\
 Data File : VW024911.D
 Acq On : 10 Mar 2022 13:22
 Operator : SY/MD
 Sample : N1855-12
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D38

Quant Time: Mar 11 02:47:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 02:45:24 2022
 Response via : Initial Calibration

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

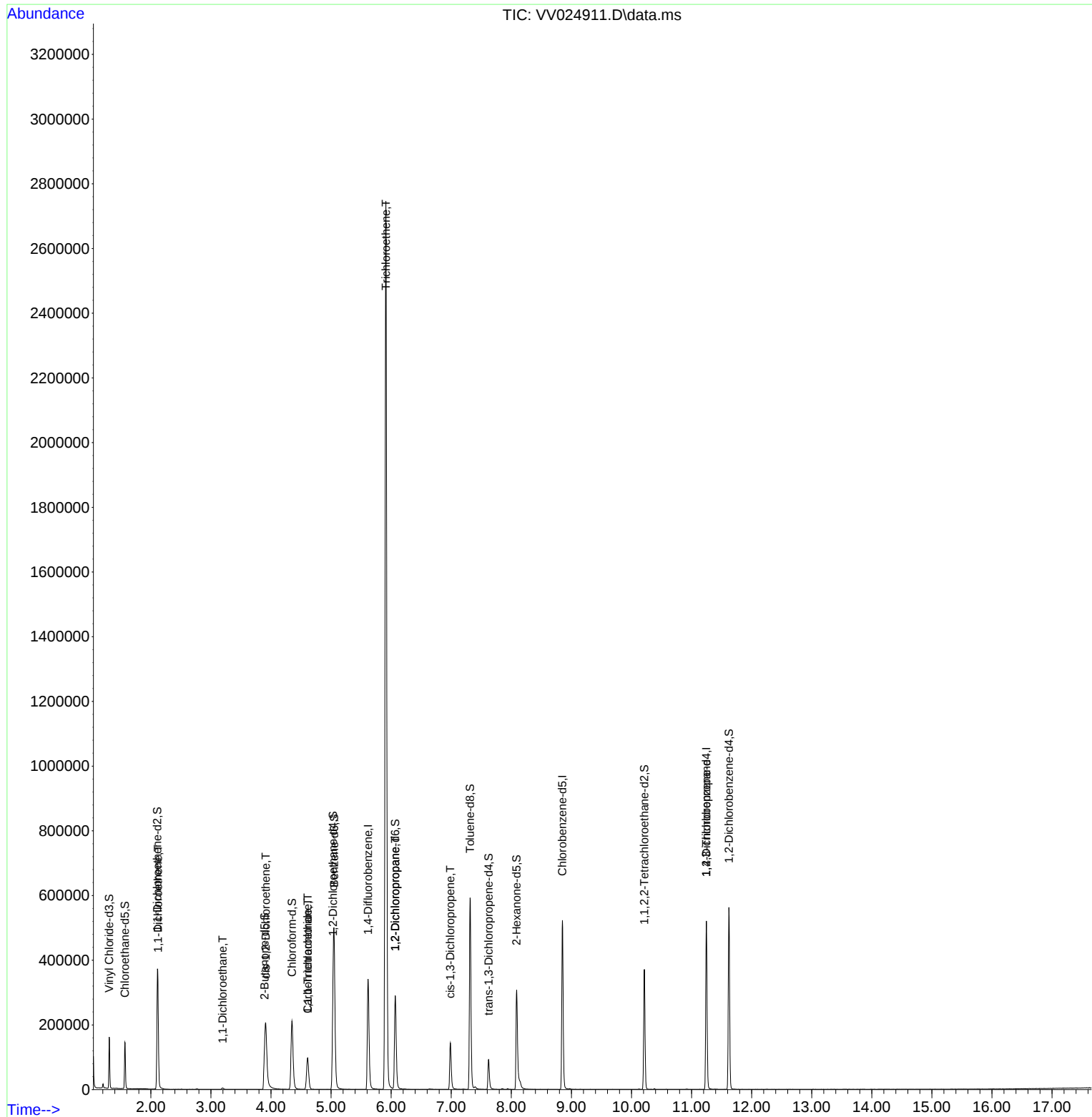
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	300214	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	291194	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	131698	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	100495	32.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.840%		
7) Chloroethane-d5	1.568	69	92941	38.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.620%		
11) 1,1-Dichloroethene-d2	2.108	63	170594	33.296	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.600%		
21) 2-Butanone-d5	3.892	46	167878	96.635	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.630%		
24) Chloroform-d	4.349	84	222658	41.784	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.560%		
26) 1,2-Dichloroethane-d4	5.031	65	136876	43.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.060%		
32) Benzene-d6	5.050	84	459637	42.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.180%		
36) 1,2-Dichloropropane-d6	6.069	67	148926	44.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.580%		
41) Toluene-d8	7.313	98	391931	40.989	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.980%		
43) trans-1,3-Dichloroprop...	7.622	79	56477	38.652	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.300%		
47) 2-Hexanone-d5	8.088	63	113980	89.297	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.300%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	182614	45.784	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.560%		
66) 1,2-Dichlorobenzene-d4	11.622	152	138732	45.730	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.460%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	51524	23.186	ug/L	90
19) 1,1-Dichloroethane	3.195	63	4946	1.141	ug/L #	93
20) cis-1,2-Dichloroethene	3.912	96	87852	33.770	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	81101	21.151	ug/L	99
31) Carbon tetrachloride	4.609	117	10523	3.228	ug/L	99
34) Trichloroethene	5.912	95	979207	363.472	ug/L	99
37) 1,2-Dichloropropane	6.069	63	15509	6.289	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	3685	0.993	ug/L #	72
61) 1,2,3-Trichloropropane	11.246	75	16734	6.350	ug/L #	67

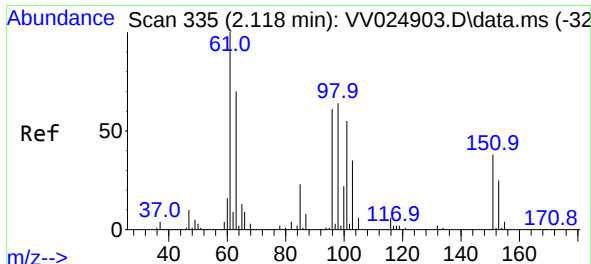
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 11 02:45:24 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.186 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024911.D

Acq: 10 Mar 2022 13:22

Instrument :

MSVOA_V

ClientSampleId :

C0D38

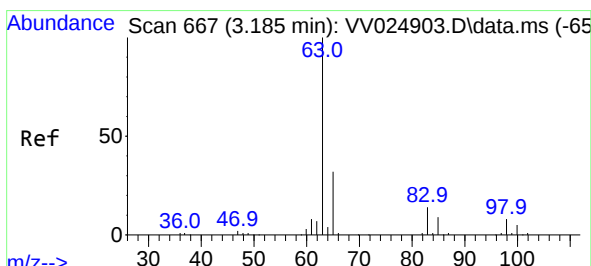
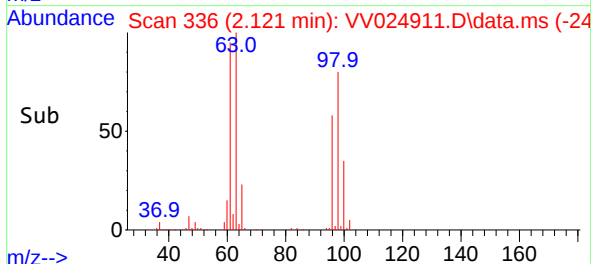
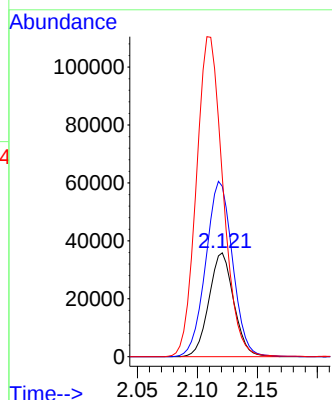
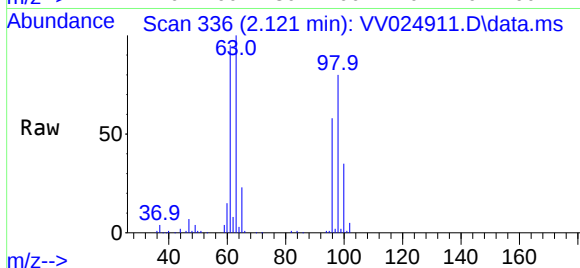
Tgt Ion: 96 Resp: 51524

Ion Ratio Lower Upper

96 100

61 164.1 117.6 218.4

63 173.5 105.3 195.5



#19

1,1-Dichloroethane

Concen: 1.141 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.010 min

Lab File: VV024911.D

Acq: 10 Mar 2022 13:22

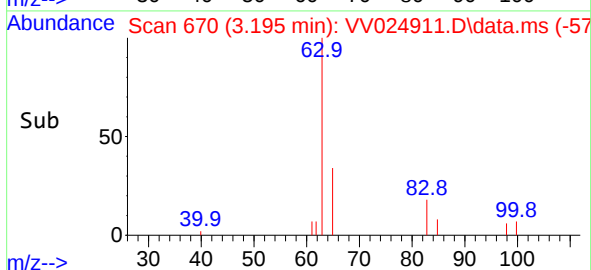
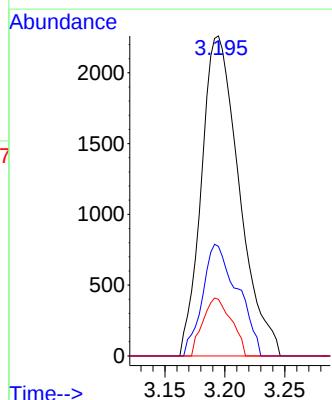
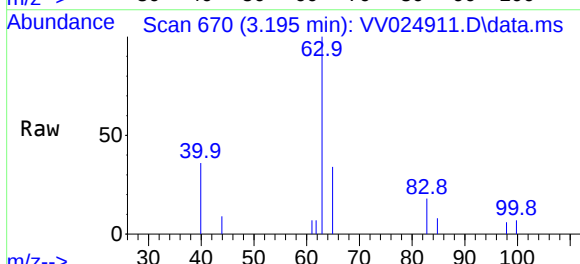
Tgt Ion: 63 Resp: 4946

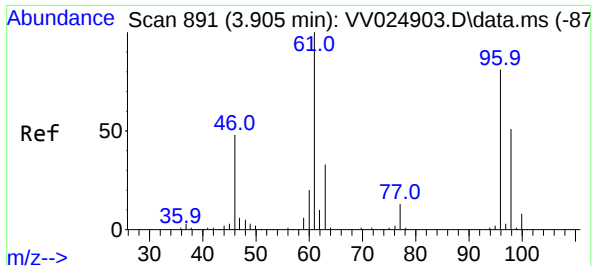
Ion Ratio Lower Upper

63 100

65 34.2 22.0 40.8

83 17.7 9.2 17.0#

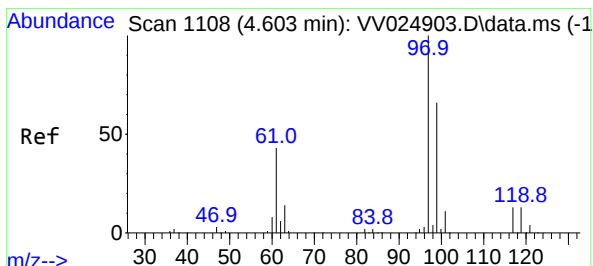
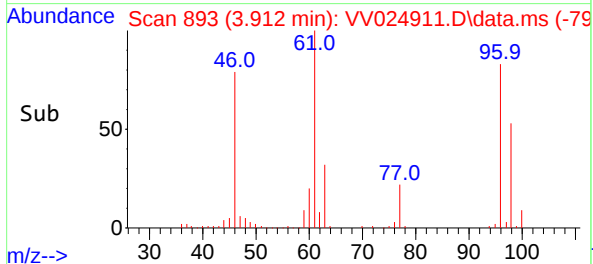
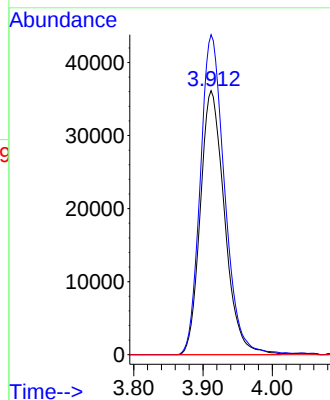
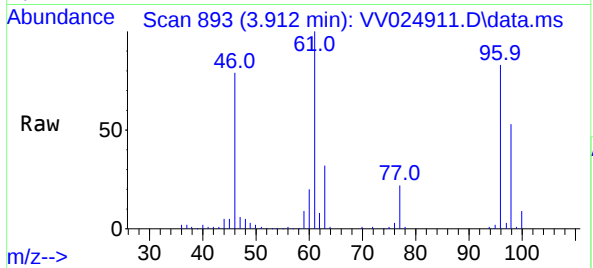




#20
 cis-1,2-Dichloroethene
 Concen: 33.770 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV024911.D
 Acq: 10 Mar 2022 13:22

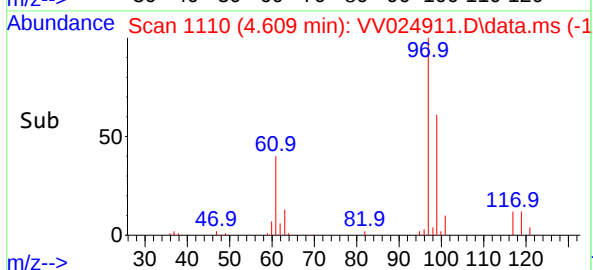
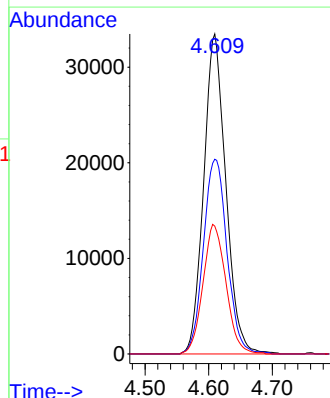
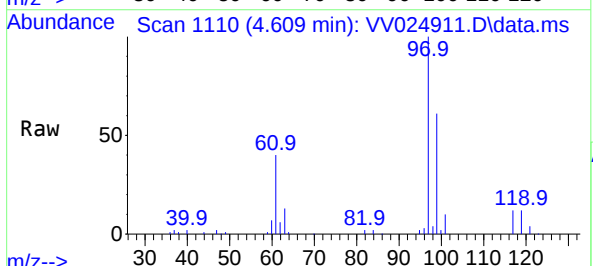
Instrument :
 MSVOA_V
 ClientSampleId :
 COD38

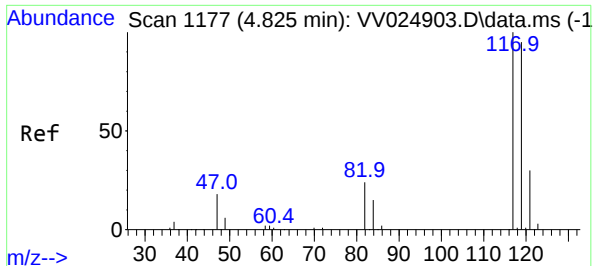
Tgt Ion: 96 Resp: 87852
 Ion Ratio Lower Upper
 96 100
 61 121.2 86.1 159.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 21.151 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: VV024911.D
 Acq: 10 Mar 2022 13:22

Tgt Ion: 97 Resp: 81101
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.5 77.3
 61 42.0 33.8 50.8

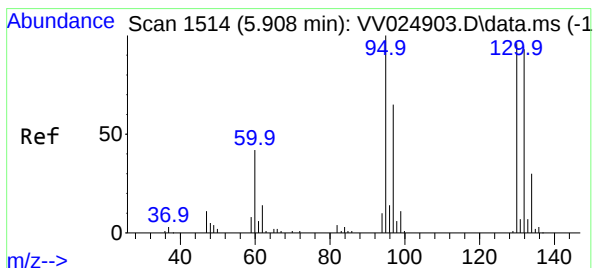
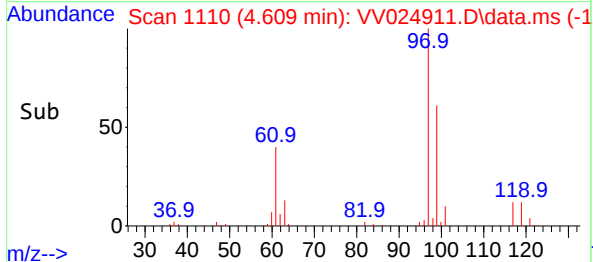
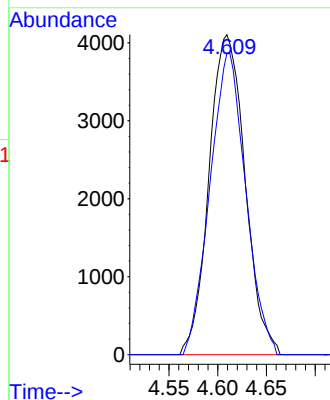
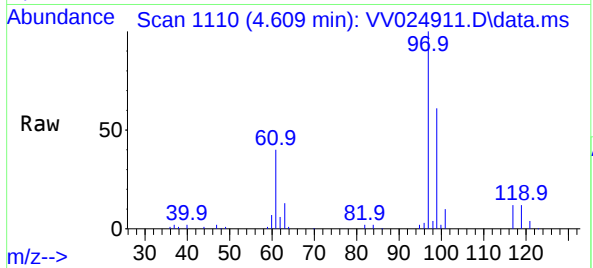




#31
Carbon tetrachloride
Concen: 3.228 ug/L
RT: 4.609 min Scan# 1177
Delta R.T. -0.215 min
Lab File: VV024911.D
Acq: 10 Mar 2022 13:22

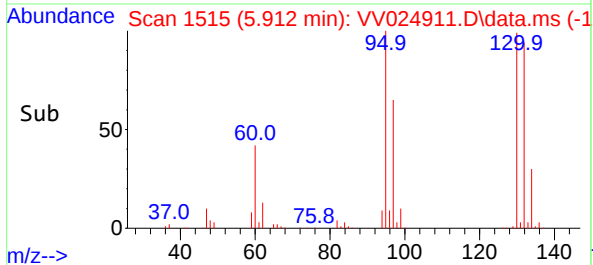
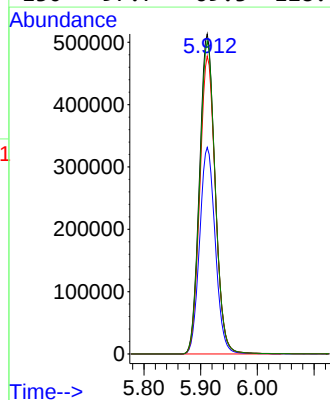
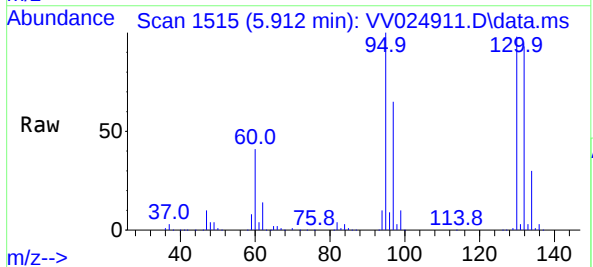
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C0D38

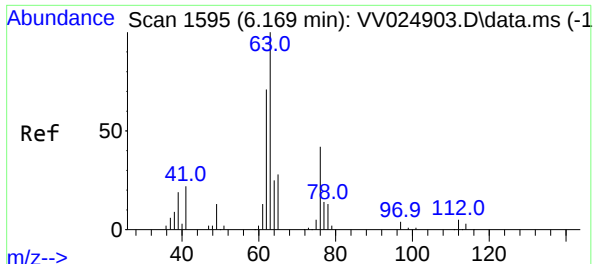
Tgt Ion:117 Resp: 10523
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8



#34
Trichloroethene
Concen: 363.472 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024911.D
Acq: 10 Mar 2022 13:22

Tgt Ion: 95 Resp: 979207
Ion Ratio Lower Upper
95 100
97 64.5 45.3 84.1
132 93.1 65.0 120.6
130 97.7 69.3 128.7

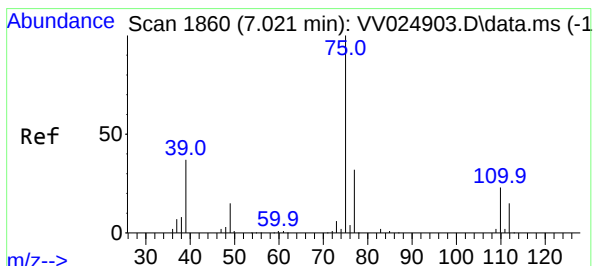
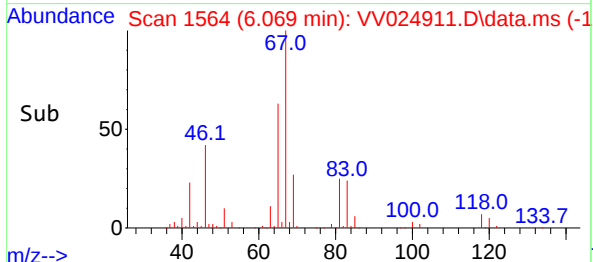
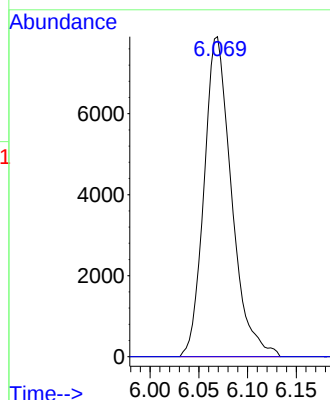
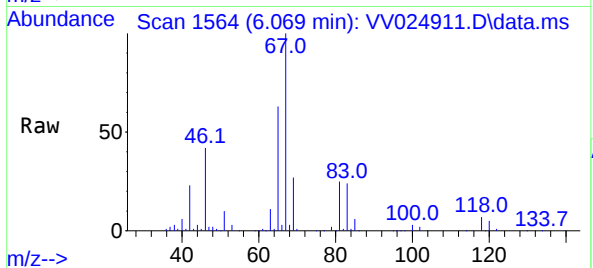




#37
1,2-Dichloropropane
Concen: 6.289 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV024911.D
Acq: 10 Mar 2022 13:22

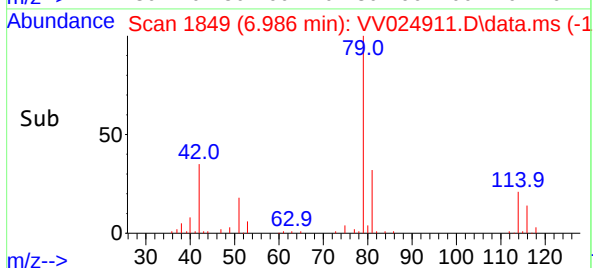
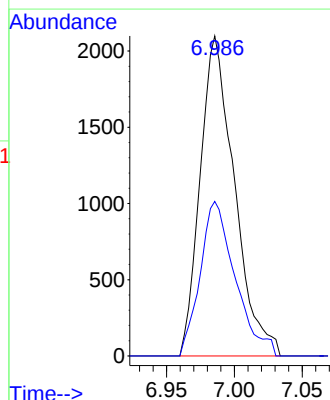
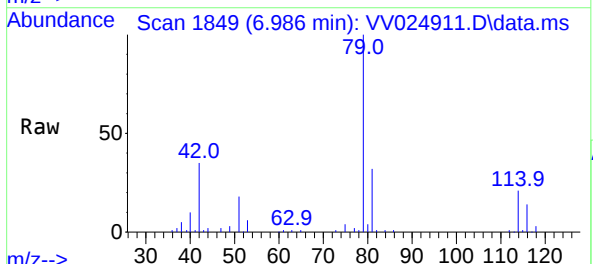
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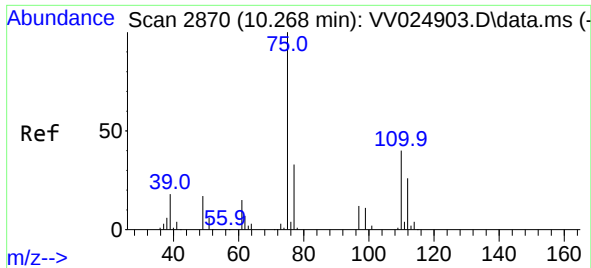
Tgt Ion: 63 Resp: 15509
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



#39
cis-1,3-Dichloropropene
Concen: 0.993 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV024911.D
Acq: 10 Mar 2022 13:22

Tgt Ion: 75 Resp: 3685
Ion Ratio Lower Upper
75 100
77 48.3 22.9 42.5#





#61
1,2,3-Trichloropropane
Concen: 6.350 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV024911.D
Acq: 10 Mar 2022 13:22

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 75 Resp: 16734
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
110 2.6 31.4 47.2#

