

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031122\
 Data File : VV024970.D
 Acq On : 11 Mar 2022 17:44
 Operator : SY/MD
 Sample : N1880-08
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB9

Quant Time: Mar 11 23:12:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

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

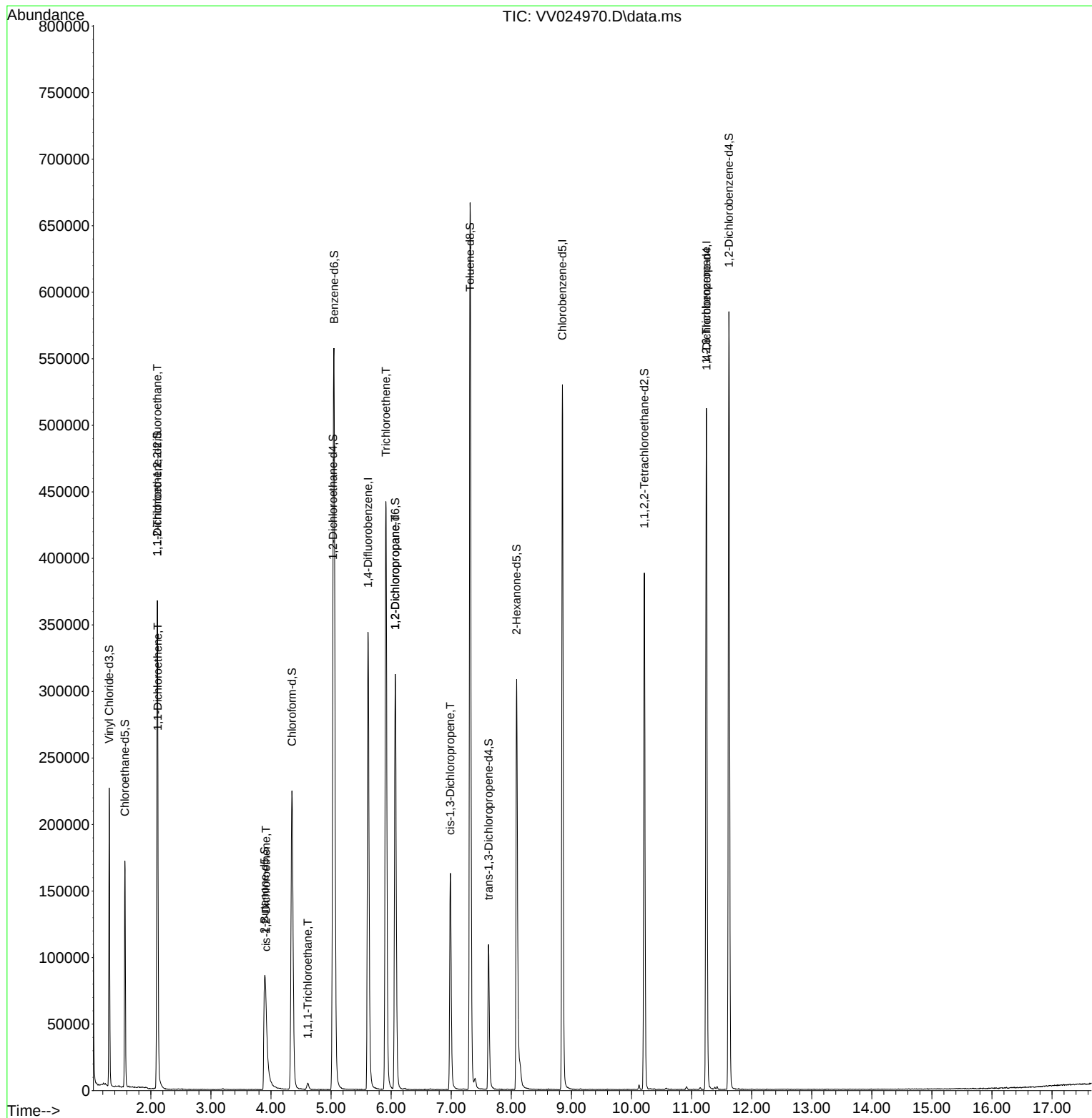
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	304041	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	293053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	143521	46.424	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.840%		
7) Chloroethane-d5	1.568	69	108863	44.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.760%		
11) 1,1-Dichloroethene-d2	2.108	63	185405	35.731	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.460%		
21) 2-Butanone-d5	3.892	46	159027	90.388	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.390%		
24) Chloroform-d	4.349	84	239941	44.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.920%		
26) 1,2-Dichloroethane-d4	5.030	65	146421	45.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.960%		
32) Benzene-d6	5.050	84	513494	47.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.540%		
36) 1,2-Dichloropropane-d6	6.069	67	160758	47.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.000%		
41) Toluene-d8	7.313	98	450315	46.796	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.600%		
43) trans-1,3-Dichloroprop...	7.622	79	65428	44.494	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.980%		
47) 2-Hexanone-d5	8.088	63	112525	87.598	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.600%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	191904	47.808	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.620%		
66) 1,2-Dichlorobenzene-d4	11.622	152	148914	49.164	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.320%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1887	0.817	ug/L #	23
12) 1,1-Dichloroethene	2.117	96	11111	4.937	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	10318	3.916	ug/L	94
30) 1,1,1-Trichloroethane	4.612	97	4274	1.108	ug/L	98
34) Trichloroethene	5.911	95	156604	57.761	ug/L	98
37) 1,2-Dichloropropane	6.069	63	16378	6.599	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	4091	1.095	ug/L #	68
61) 1,2,3-Trichloropropane	11.246	75	16558	6.293	ug/L #	64

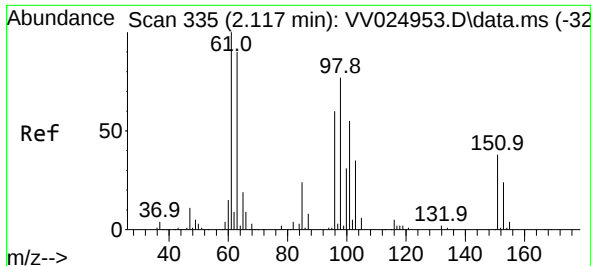
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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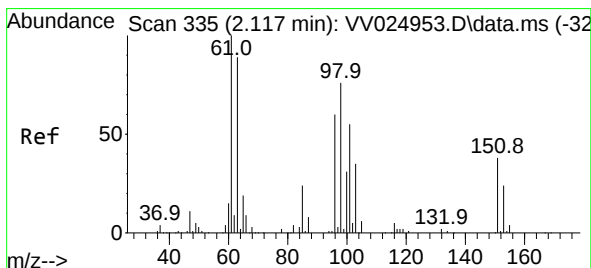
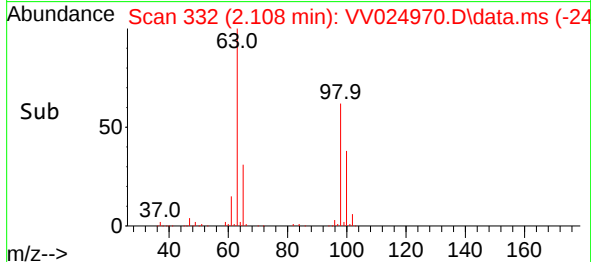
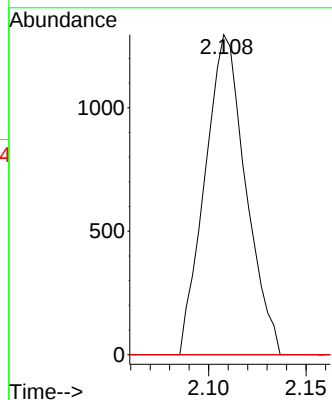
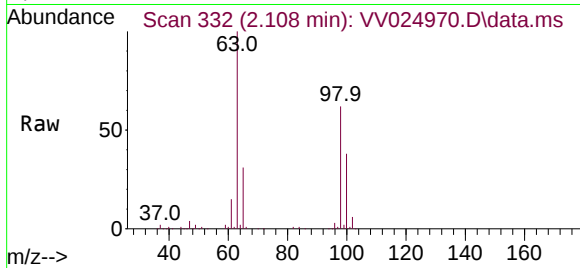




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.817 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.010 min
 Lab File: VV024970.D
 Acq: 11 Mar 2022 17:44

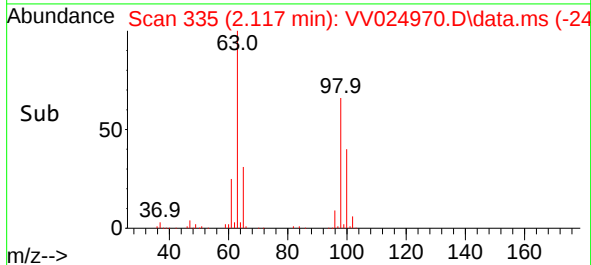
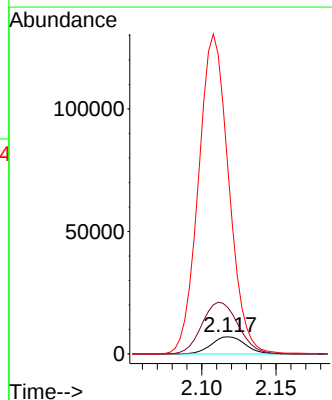
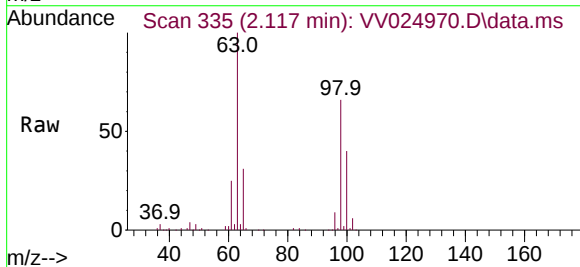
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB9

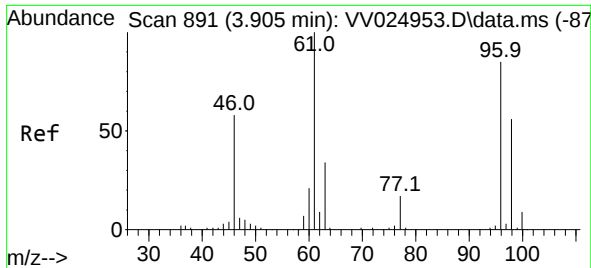
Tgt Ion:101 Resp: 1887
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.8#
 151 0.0 54.1 81.1#



#12
 1,1-Dichloroethene
 Concen: 4.937 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024970.D
 Acq: 11 Mar 2022 17:44

Tgt Ion: 96 Resp: 11111
 Ion Ratio Lower Upper
 96 100
 61 270.6 117.6 218.4#
 63 1090.3 105.3 195.5#

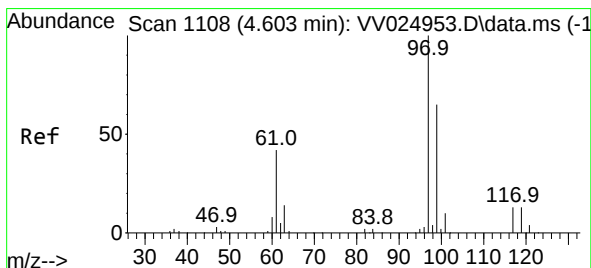
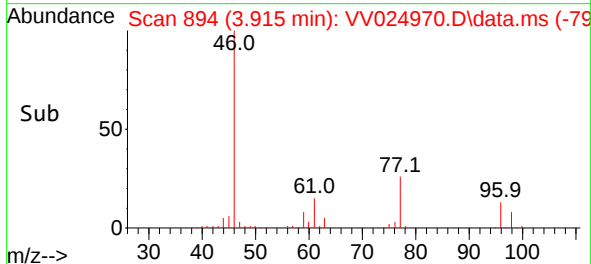
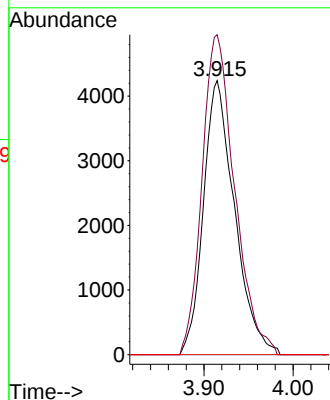
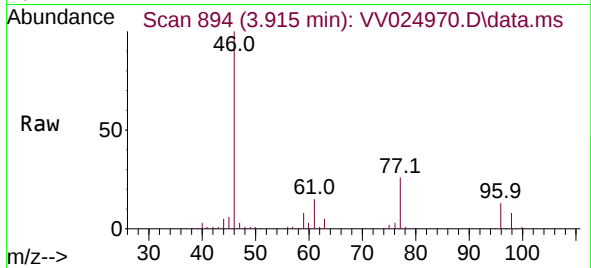




#20
 cis-1,2-Dichloroethene
 Concen: 3.916 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV024970.D
 Acq: 11 Mar 2022 17:44

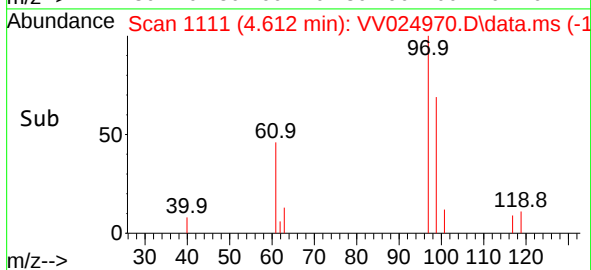
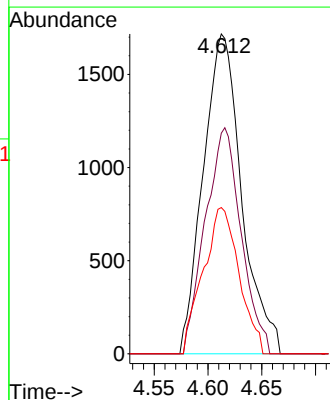
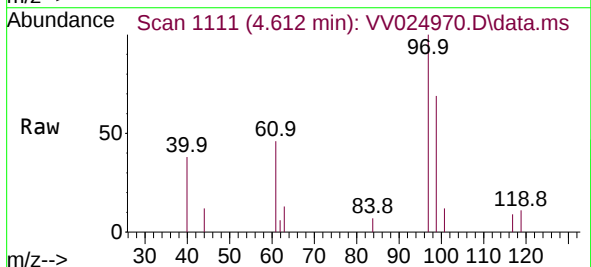
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB9

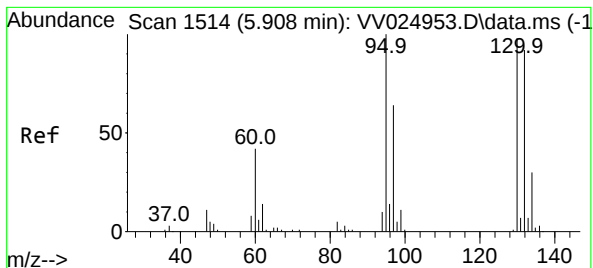
Tgt Ion: 96 Resp: 10318
 Ion Ratio Lower Upper
 96 100
 61 116.7 86.1 159.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.108 ug/L
 RT: 4.612 min Scan# 1111
 Delta R.T. 0.010 min
 Lab File: VV024970.D
 Acq: 11 Mar 2022 17:44

Tgt Ion: 97 Resp: 4274
 Ion Ratio Lower Upper
 97 100
 99 66.0 51.5 77.3
 61 42.8 33.8 50.8





#34

Trichloroethene

Concen: 57.761 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024970.D

Acq: 11 Mar 2022 17:44

Instrument :

MSVOA_V

ClientSampleId :

C0DB9

Tgt Ion: 95 Resp: 156604

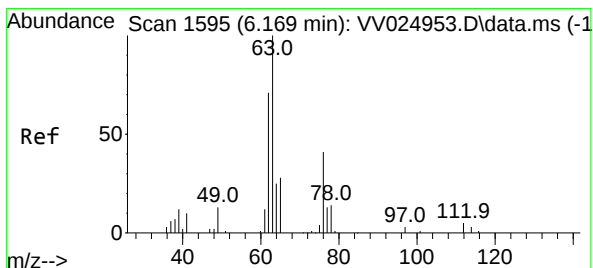
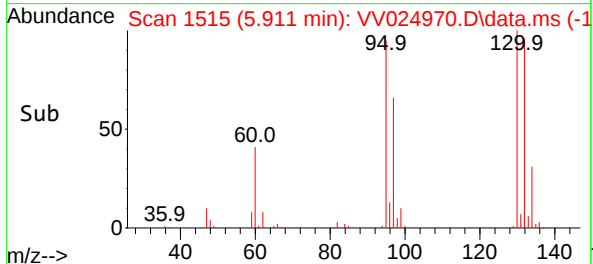
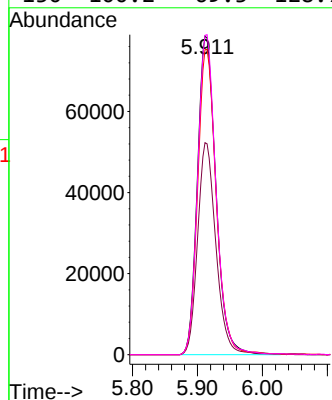
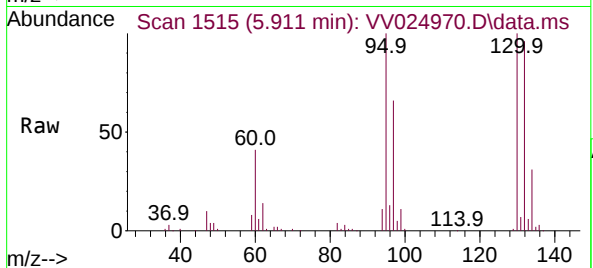
Ion Ratio Lower Upper

95 100

97 66.5 45.3 84.1

132 95.7 65.0 120.6

130 100.2 69.3 128.7



#37

1,2-Dichloropropane

Concen: 6.599 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV024970.D

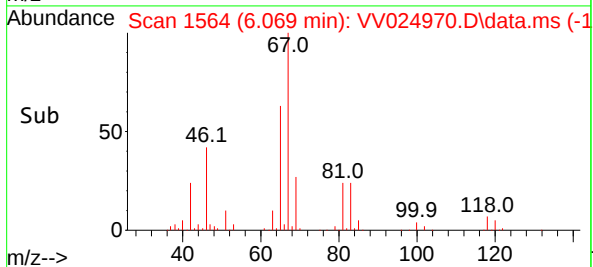
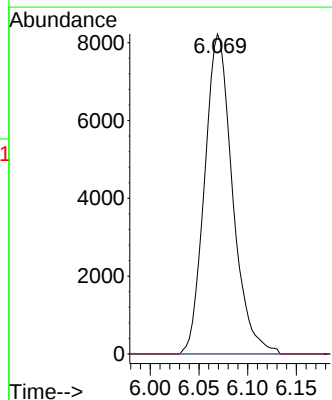
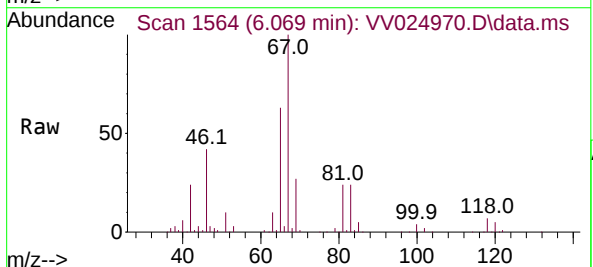
Acq: 11 Mar 2022 17:44

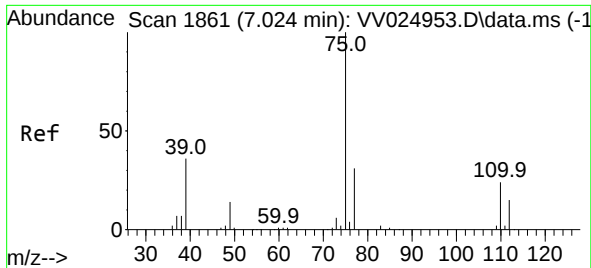
Tgt Ion: 63 Resp: 16378

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 1.095 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV024970.D

Acq: 11 Mar 2022 17:44

Instrument :

MSVOA_V

ClientSampleId :

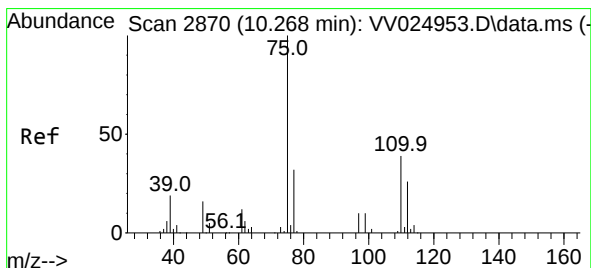
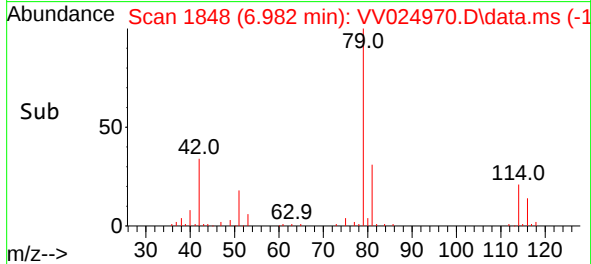
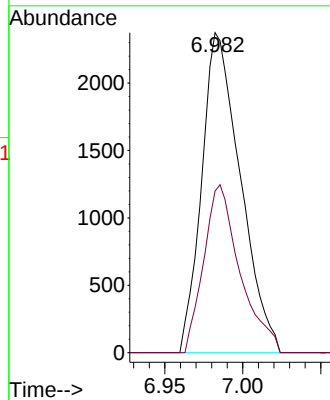
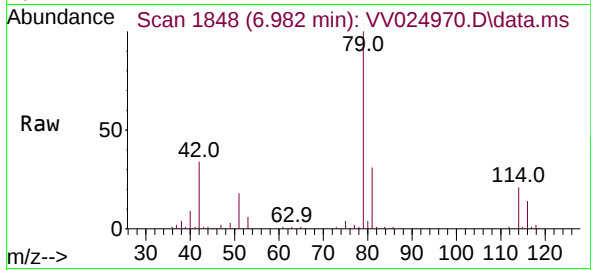
C0DB9

Tgt Ion: 75 Resp: 4091

Ion Ratio Lower Upper

75 100

77 50.5 22.9 42.5#



#61

1,2,3-Trichloropropane

Concen: 6.293 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV024970.D

Acq: 11 Mar 2022 17:44

Tgt Ion: 75 Resp: 16558

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.0

110 2.2 31.4 47.2#

