

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031422\
 Data File : VV024983.D
 Acq On : 14 Mar 2022 13:27
 Operator : SY/MD
 Sample : N1880-17
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CODE1

Quant Time: Mar 15 02:21:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 15 02:18:50 2022
 Response via : Initial Calibration

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

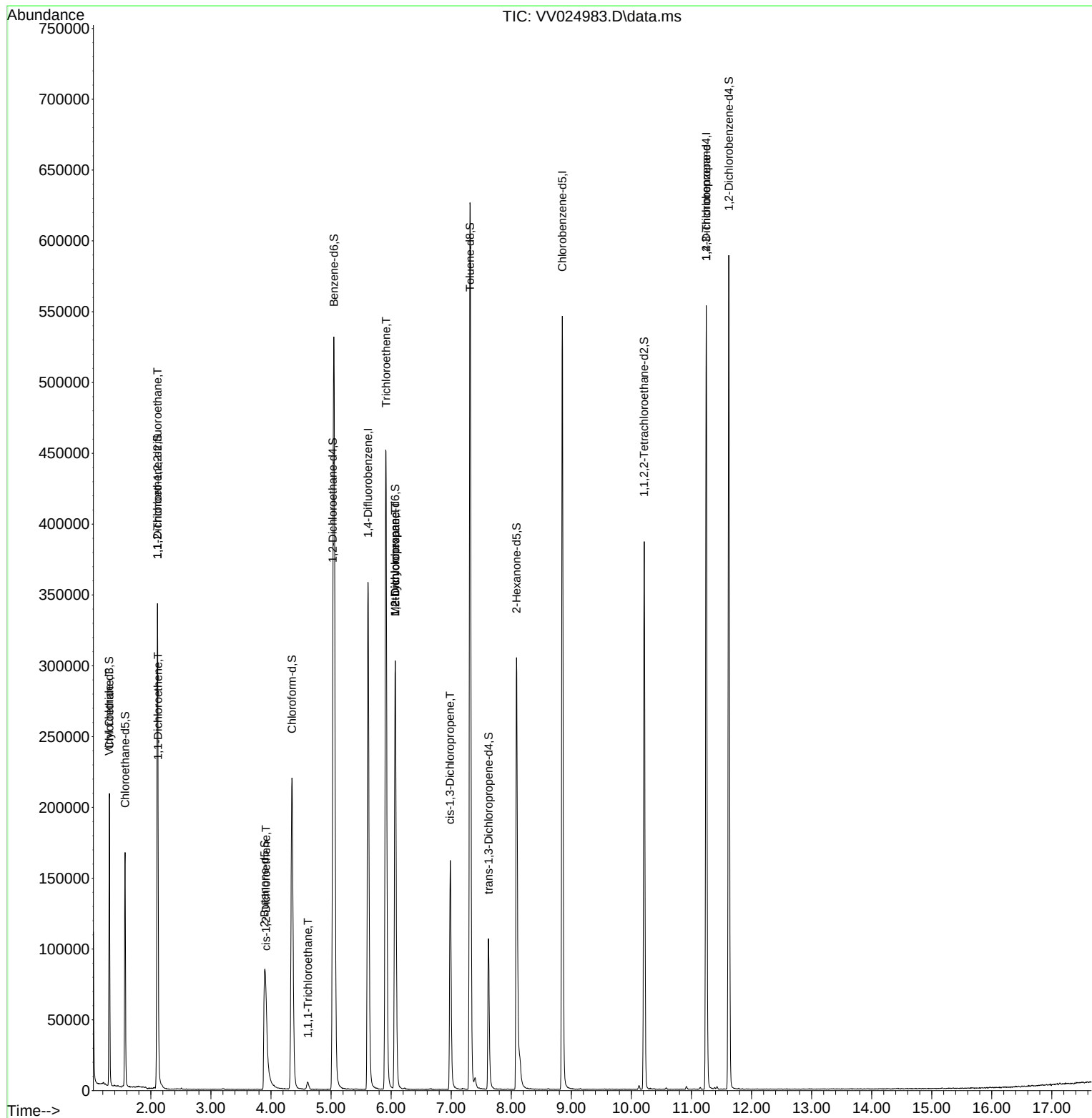
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	314206	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	306303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	137239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	132557	41.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.980%		
7) Chloroethane-d5	1.571	69	106032	42.301	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.600%		
11) 1,1-Dichloroethene-d2	2.111	63	174831	32.603	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.200%		
21) 2-Butanone-d5	3.892	46	165517	91.033	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.030%		
24) Chloroform-d	4.349	84	235060	42.147	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.300%		
26) 1,2-Dichloroethane-d4	5.030	65	141553	43.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.040%		
32) Benzene-d6	5.050	84	493259	43.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.900%		
36) 1,2-Dichloropropane-d6	6.069	67	154413	43.654	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.300%		
41) Toluene-d8	7.313	98	426297	42.384	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.760%		
43) trans-1,3-Dichloroprop...	7.622	79	64888	42.218	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.440%		
47) 2-Hexanone-d5	8.088	63	111154	82.787	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.790%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	189207	45.098	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	145909	46.154	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.300%		
Target Compounds						Qvalue
8) Chloroethane	1.310	64	1675	0.908	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1646	0.689	ug/L #	23
12) 1,1-Dichloroethene	2.121	96	11487	4.939	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	9924	3.645	ug/L	90
30) 1,1,1-Trichloroethane	4.616	97	4464	1.107	ug/L	98
34) Trichloroethene	5.915	95	163232	57.601	ug/L	98
35) Methylcyclohexane	6.069	83	36907	8.584	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	16422	6.331	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	4018	1.029	ug/L #	66
61) 1,2,3-Trichloropropane	11.246	75	17290	6.296	ug/L #	66

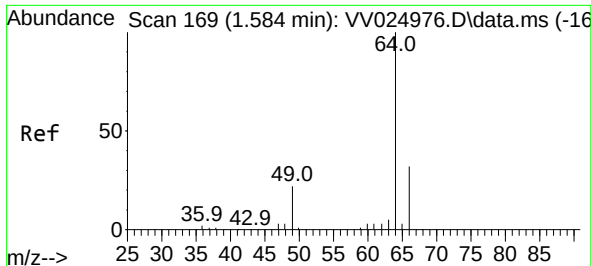
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.908 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.273 min

Lab File: VV024983.D

Acq: 14 Mar 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

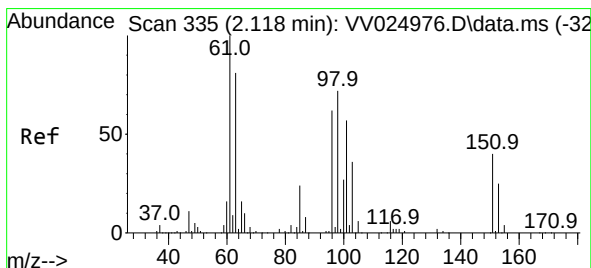
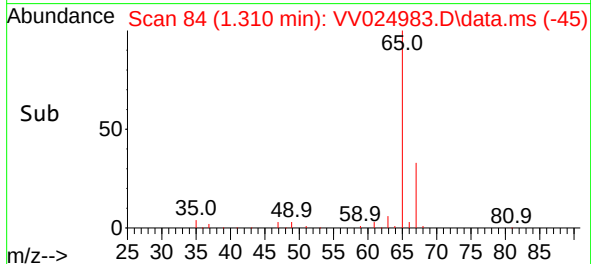
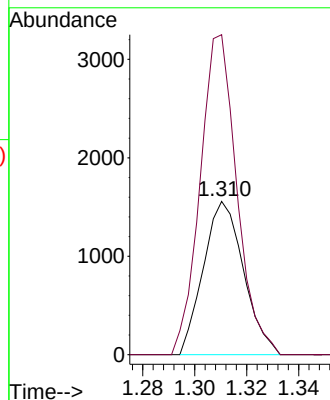
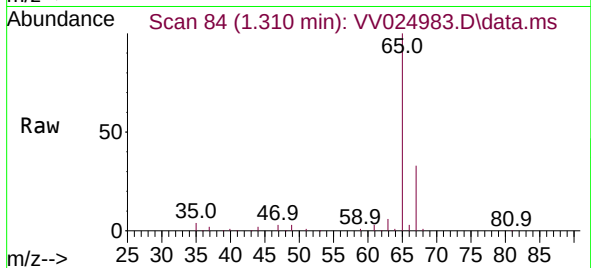
CODE1

Tgt Ion: 64 Resp: 1675

Ion Ratio Lower Upper

64 100

66 208.8 22.2 41.2#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.689 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.007 min

Lab File: VV024983.D

Acq: 14 Mar 2022 13:27

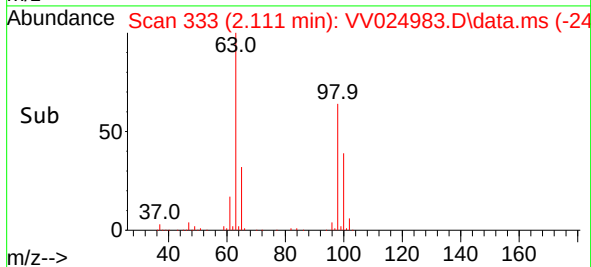
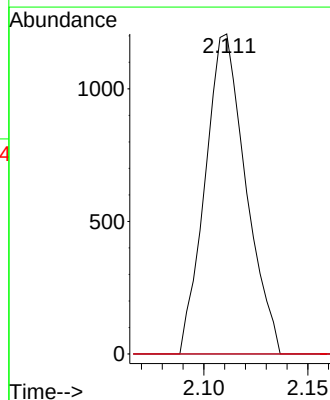
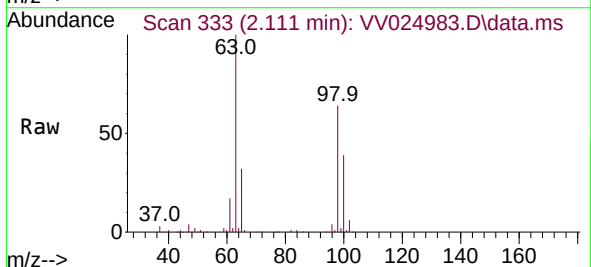
Tgt Ion: 101 Resp: 1646

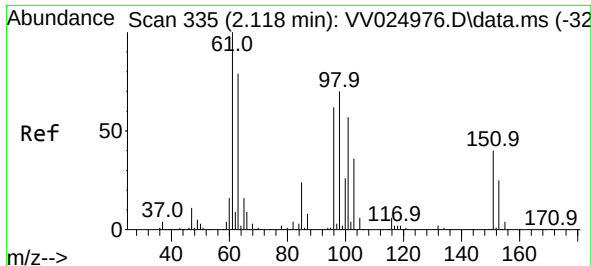
Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.8#

151 0.0 54.1 81.1#





#12

1,1-Dichloroethene

Concen: 4.939 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

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Acq: 14 Mar 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

CODE1

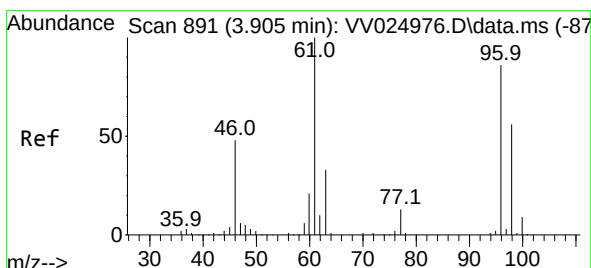
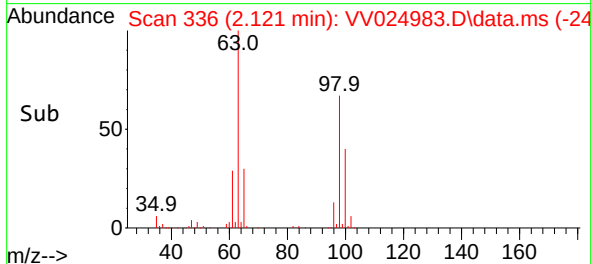
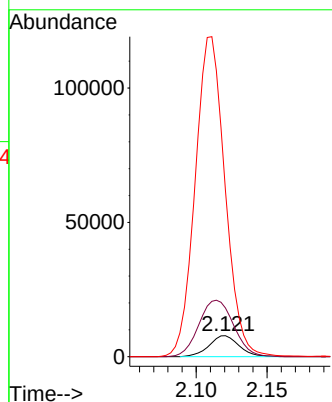
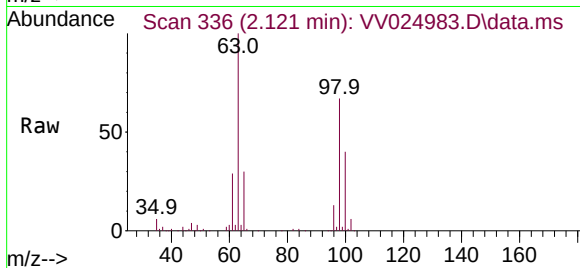
Tgt Ion: 96 Resp: 11487

Ion Ratio Lower Upper

96 100

61 232.2 117.6 218.4#

63 791.6 105.3 195.5#



#20

cis-1,2-Dichloroethene

Concen: 3.645 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.013 min

Lab File: VV024983.D

Acq: 14 Mar 2022 13:27

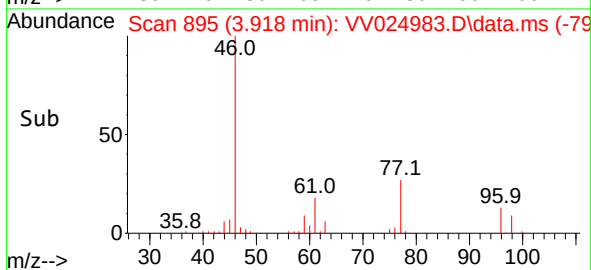
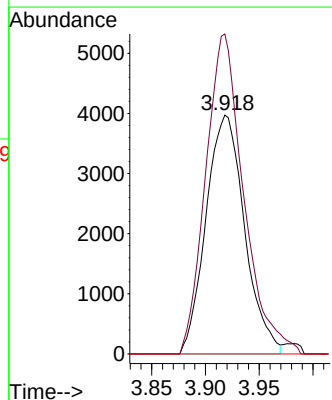
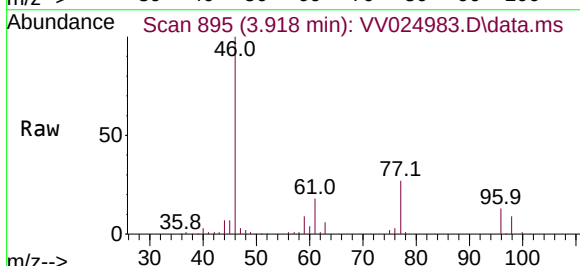
Tgt Ion: 96 Resp: 9924

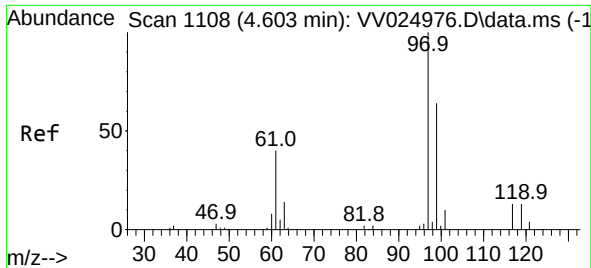
Ion Ratio Lower Upper

96 100

61 133.9 86.1 159.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 1.107 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.013 min

Lab File: VV024983.D

Acq: 14 Mar 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

CODE1

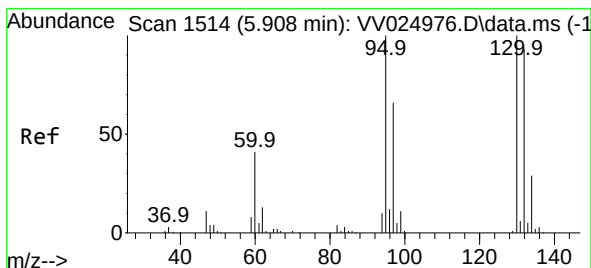
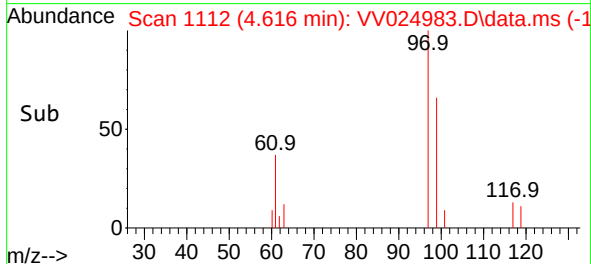
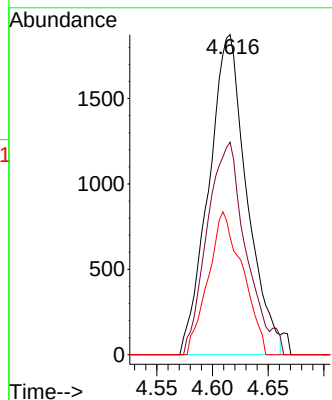
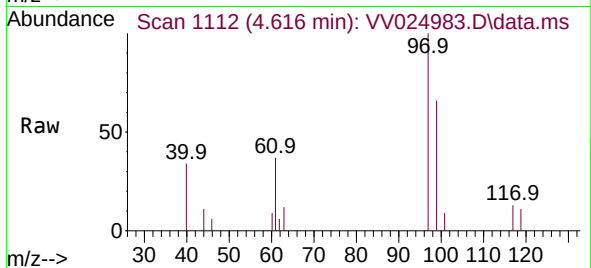
Tgt Ion: 97 Resp: 4464

Ion Ratio Lower Upper

97 100

99 66.0 51.5 77.3

61 40.4 33.8 50.8



#34

Trichloroethene

Concen: 57.601 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV024983.D

Acq: 14 Mar 2022 13:27

Tgt Ion: 95 Resp: 163232

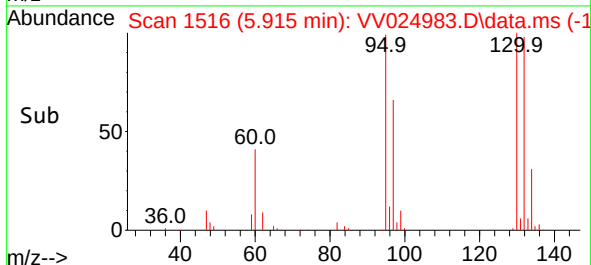
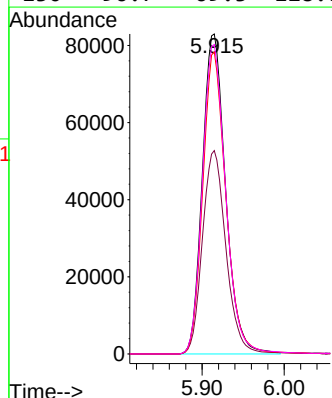
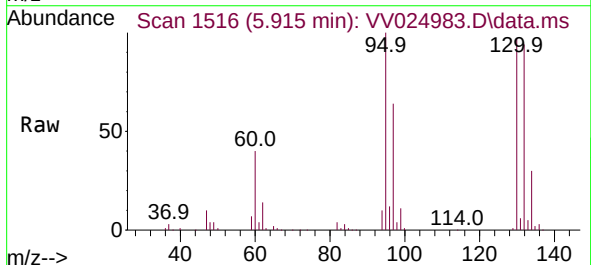
Ion Ratio Lower Upper

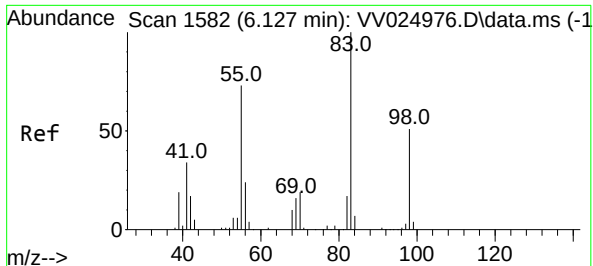
95 100

97 63.6 45.3 84.1

132 94.4 65.0 120.6

130 96.7 69.3 128.7





#35

Methylcyclohexane

Concen: 8.584 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024983.D

Acq: 14 Mar 2022 13:27

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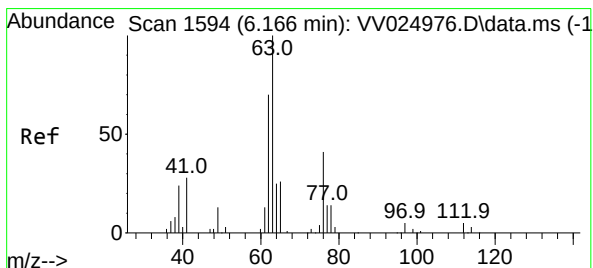
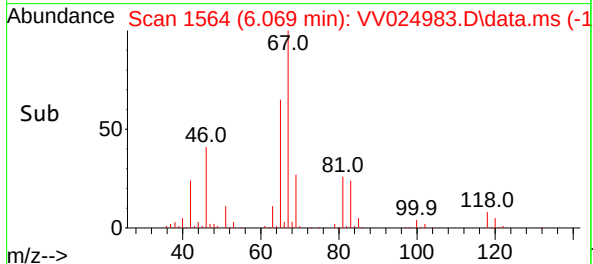
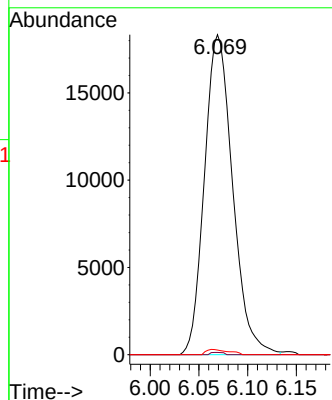
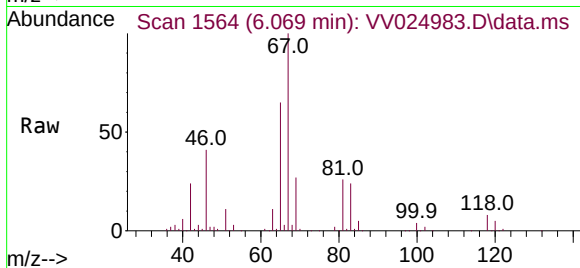
Tgt Ion: 83 Resp: 36907

Ion Ratio Lower Upper

83 100

55 0.3 57.7 86.5#

98 1.1 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 6.331 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.097 min

Lab File: VV024983.D

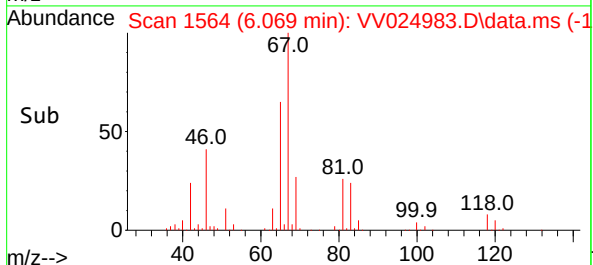
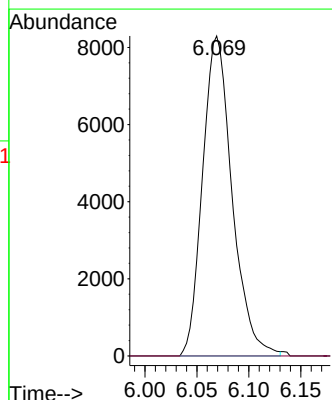
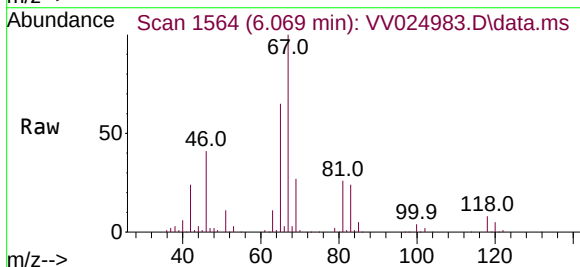
Acq: 14 Mar 2022 13:27

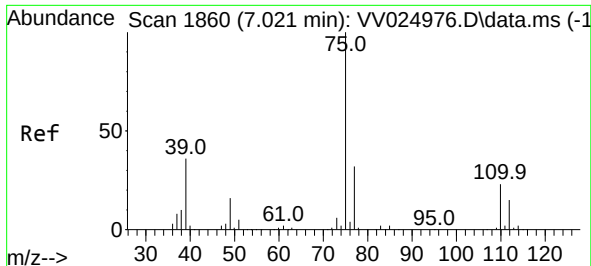
Tgt Ion: 63 Resp: 16422

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 1.029 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

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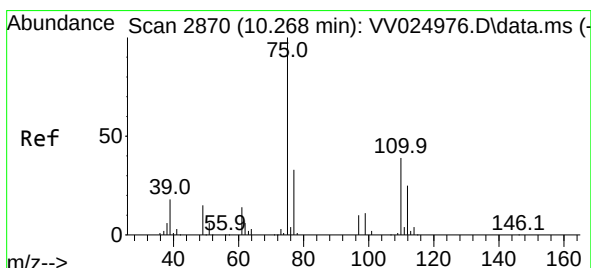
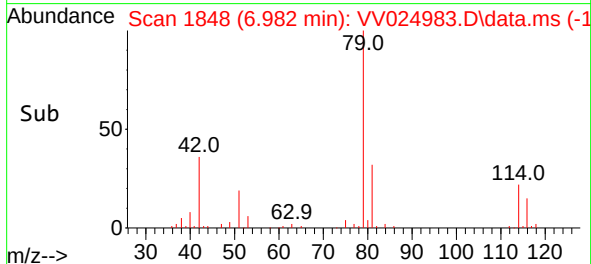
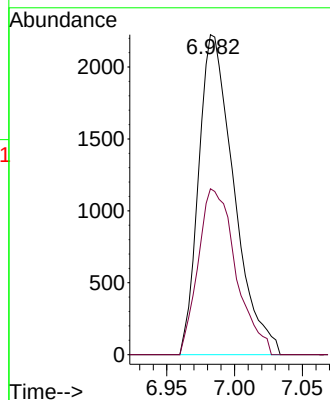
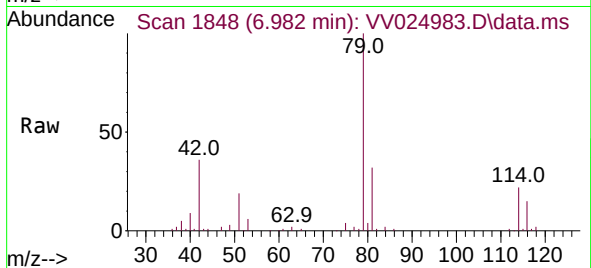
CODE1

Tgt Ion: 75 Resp: 4018

Ion Ratio Lower Upper

75 100

77 51.9 22.9 42.5#



#61

1,2,3-Trichloropropane

Concen: 6.296 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV024983.D

Acq: 14 Mar 2022 13:27

Tgt Ion: 75 Resp: 17290

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

110 2.5 31.4 47.2#

