

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024002.D
 Acq On : 16 Dec 2021 10:53
 Operator : SY/MD
 Sample : M5090-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 01:59:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

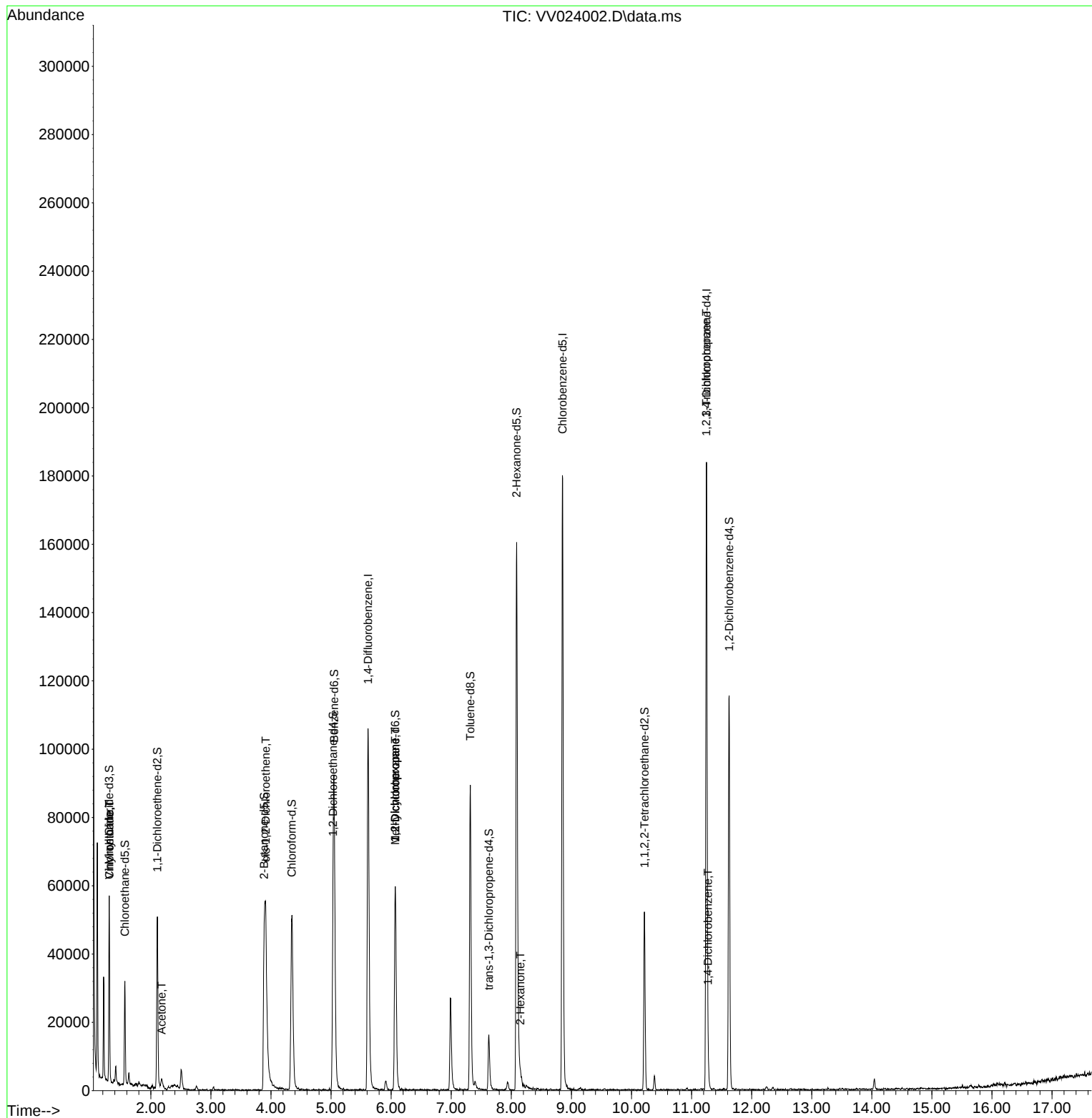
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	95377	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50035	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17686	3.449	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.000%	
7) Chloroethane-d5	1.568	69	17911	4.187	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.800%	
11) 1,1-Dichloroethene-d2	2.108	63	24695	2.467	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.400%#	
20) 2-Butanone-d5	3.886	46	71809	71.685	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	143.360%#	
24) Chloroform-d	4.346	84	51939	4.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.031	65	26792	4.955	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.050	84	80394	3.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.069	67	27854	4.530	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.317	98	60824	3.315	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.200%#	
43) trans-1,3-Dichloroprop...	7.625	79	9862	3.866	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.400%	
46) 2-Hexanone-d5	8.088	63	53423	46.780	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.560%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23837	4.673	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	30859	4.617	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4498	0.585	ug/L	89
8) Chloroethane	1.310	64	1774	0.354	ug/L	84
13) Acetone	2.179	43	4626	5.772	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	14381	1.918	ug/L	99
35) Methylcyclohexane	6.066	83	7753	0.642	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3436	0.497	ug/L #	84
48) 2-Hexanone	8.149	43	2775	1.151	ug/L #	73
61) 1,2,3-Trichloropropane	11.246	75	5786	1.697	ug/L #	62
65) 1,4-Dichlorobenzene	11.275	146	2509	0.166	ug/L	96

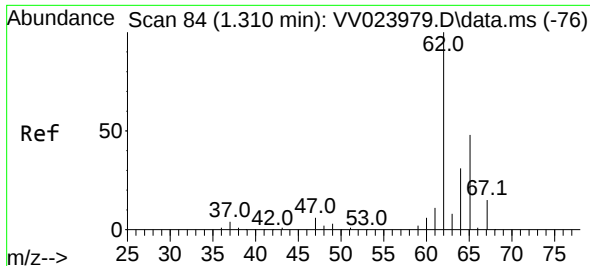
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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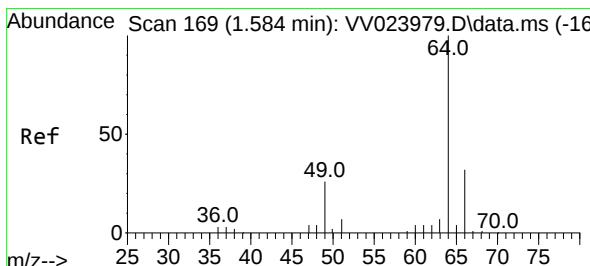
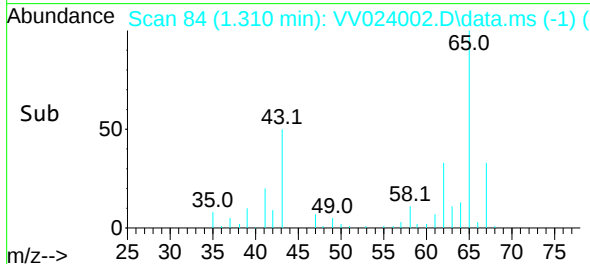
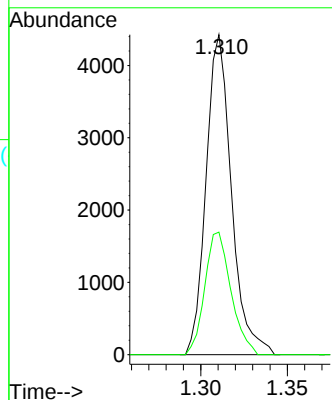
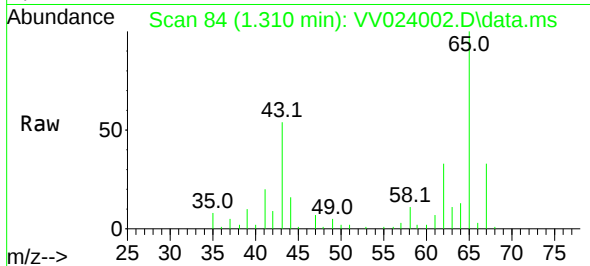




#5
 Vinyl chloride
 Concen: 0.585 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024002.D
 Acq: 16 Dec 2021 10:53

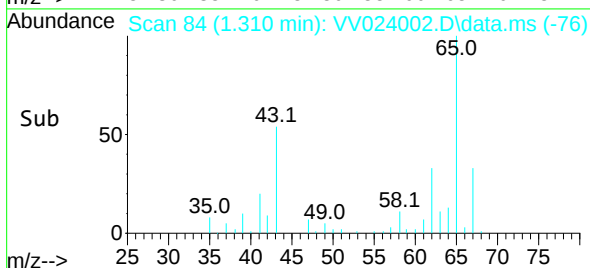
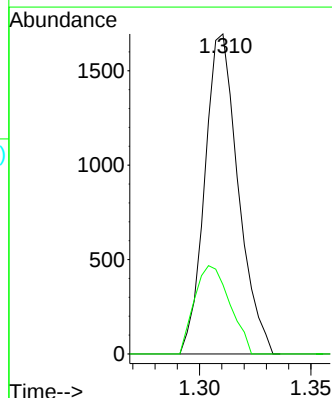
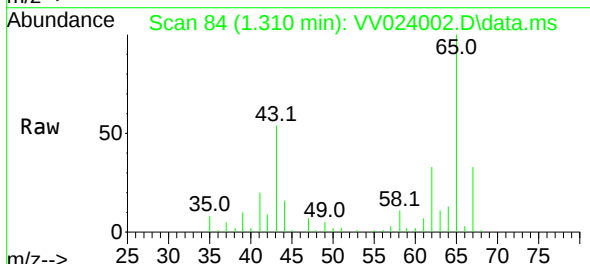
Instrument :
 MSVOA_V
 ClientSampleId :

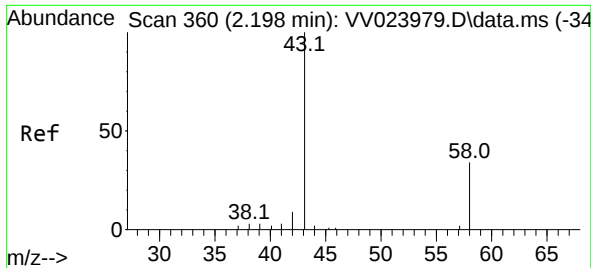
Tgt Ion: 62 Resp: 4498
 Ion Ratio Lower Upper
 62 100
 64 38.3 22.4 41.6



#8
 Chloroethane
 Concen: 0.354 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV024002.D
 Acq: 16 Dec 2021 10:53

Tgt Ion: 64 Resp: 1774
 Ion Ratio Lower Upper
 64 100
 66 21.7 21.4 39.8





#13

Acetone

Concen: 5.772 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV024002.D

Acq: 16 Dec 2021 10:53

Instrument :

MSVOA_V

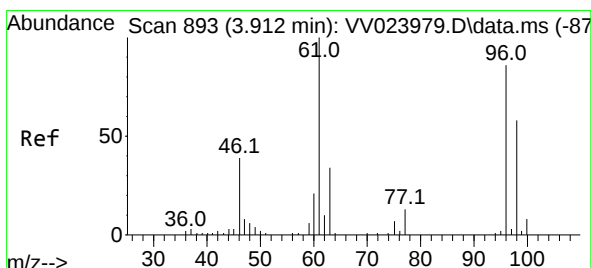
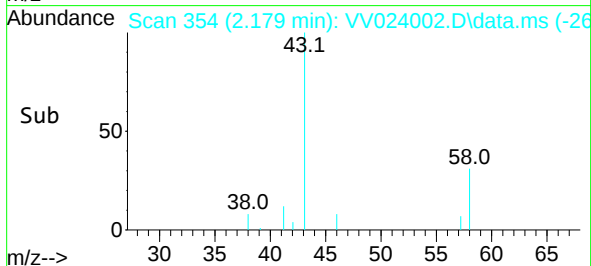
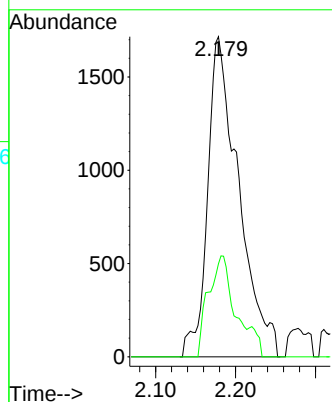
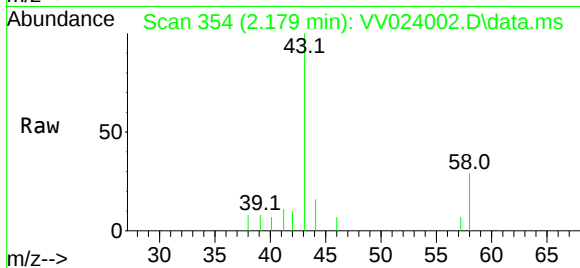
ClientSampleId :

Tgt Ion: 43 Resp: 4626

Ion Ratio Lower Upper

43 100

58 25.4 0.0 41.4



#22

cis-1,2-Dichloroethene

Concen: 1.918 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV024002.D

Acq: 16 Dec 2021 10:53

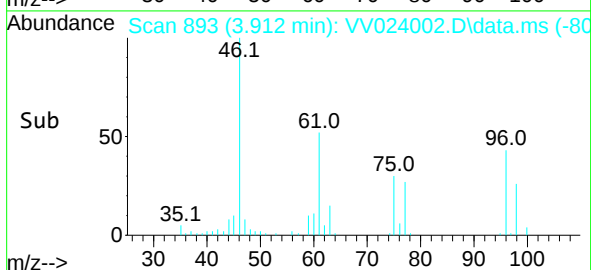
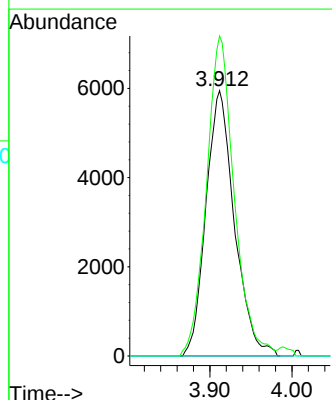
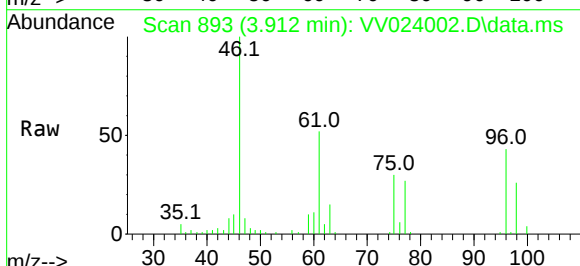
Tgt Ion: 96 Resp: 14381

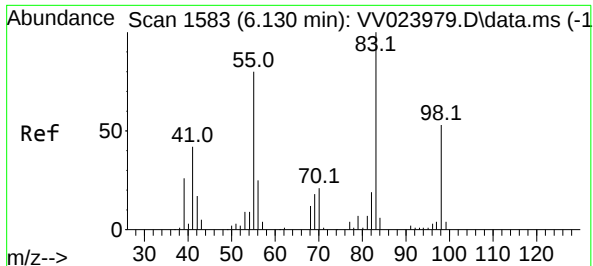
Ion Ratio Lower Upper

96 100

61 120.6 83.4 154.8

68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.642 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV024002.D

Acq: 16 Dec 2021 10:53

Instrument :

MSVOA_V

ClientSampleId :

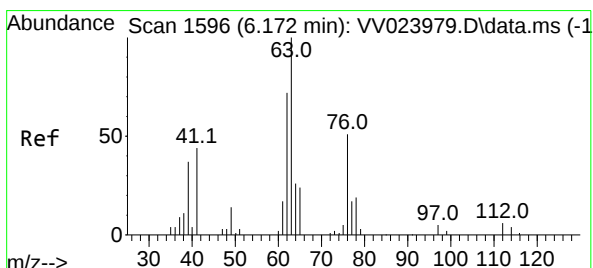
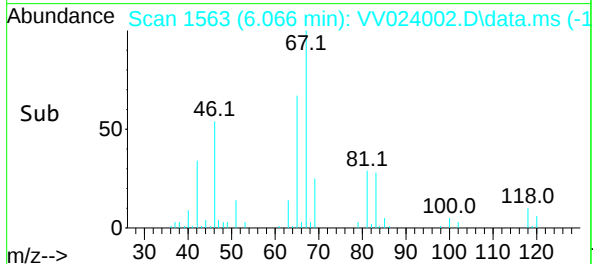
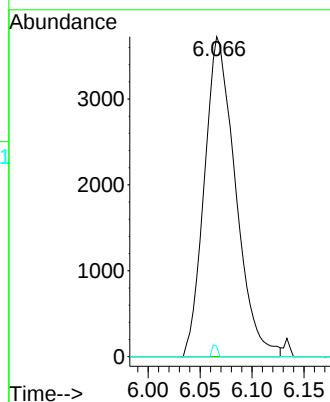
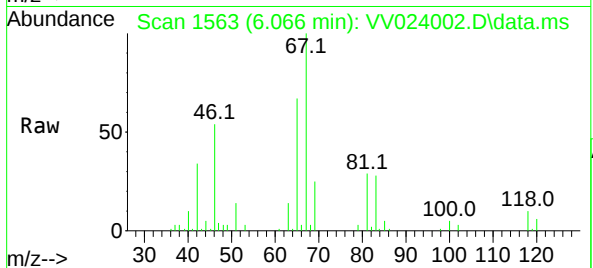
Tgt Ion: 83 Resp: 7753

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.6 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV024002.D

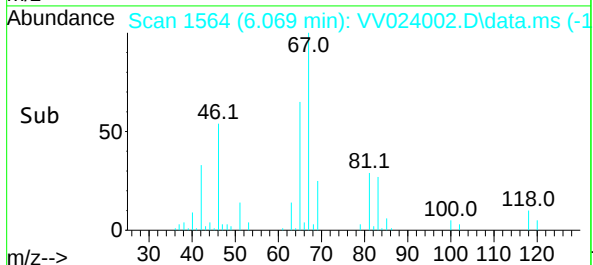
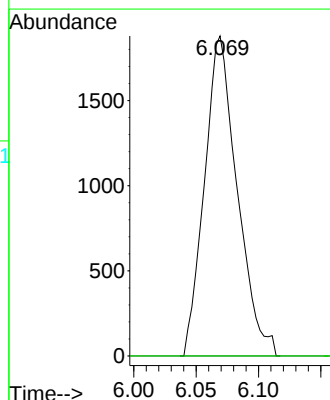
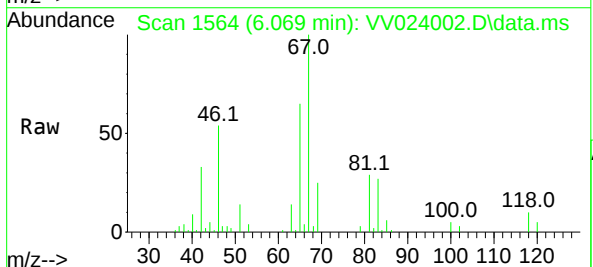
Acq: 16 Dec 2021 10:53

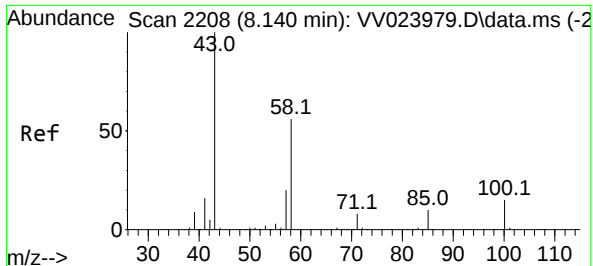
Tgt Ion: 63 Resp: 3436

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#48

2-Hexanone

Concen: 1.151 ug/L

RT: 8.149 min Scan# 21

Delta R.T. 0.010 min

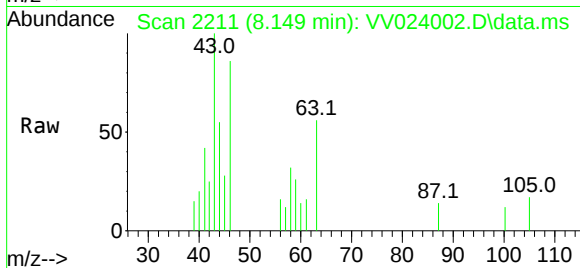
Lab File: VV024002.D

Acq: 16 Dec 2021 10:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 2775

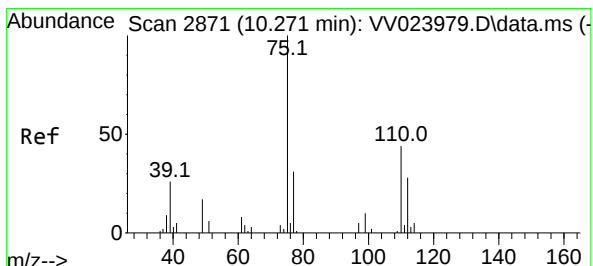
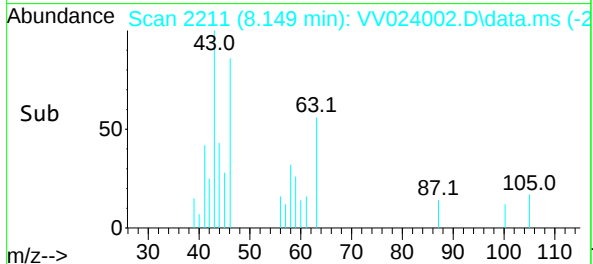
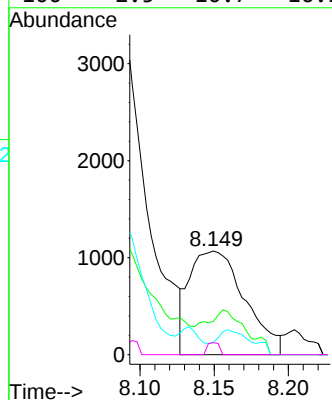
Ion Ratio Lower Upper

43 100

58 31.9 44.5 66.7#

57 14.8 15.1 22.7#

100 2.5 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 1.697 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024002.D

Acq: 16 Dec 2021 10:53

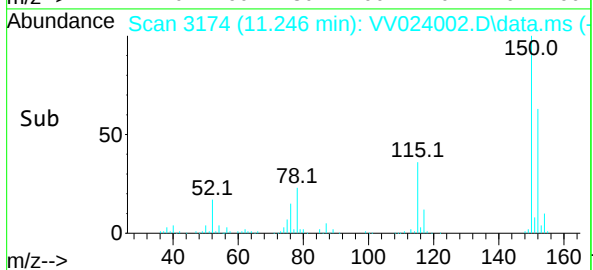
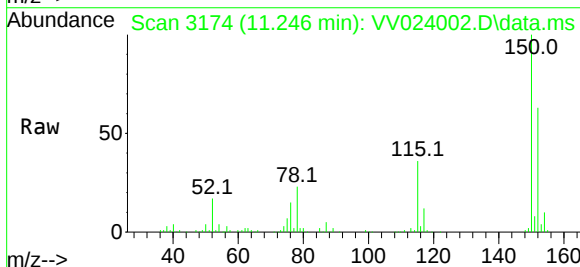
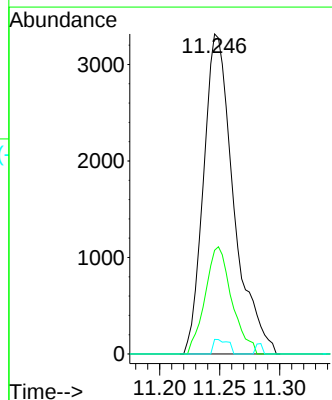
Tgt Ion: 75 Resp: 5786

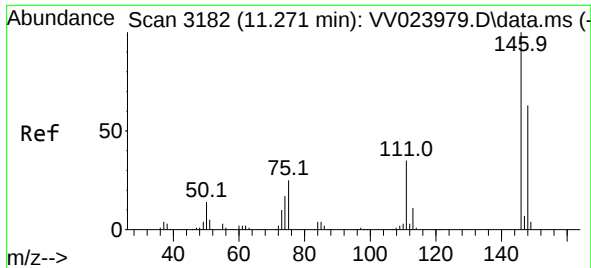
Ion Ratio Lower Upper

75 100

77 29.7 26.4 39.6

110 2.2 34.2 51.2#





#65

1,4-Dichlorobenzene

Concen: 0.166 ug/L

RT: 11.275 min Scan# 31

Delta R.T. 0.003 min

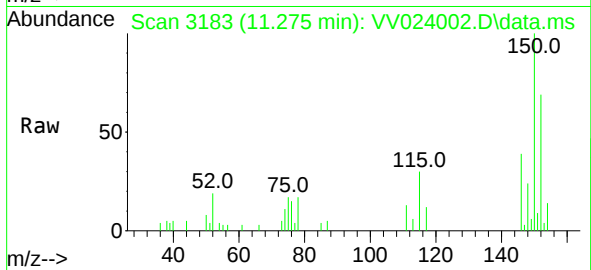
Lab File: VV024002.D

Acq: 16 Dec 2021 10:53

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ClientSampleId :



Tgt Ion:146 Resp: 2509

Ion Ratio Lower Upper

146 100

111 34.2 25.6 47.6

148 61.3 44.8 83.2

