

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022902.D
 Acq On : 19 Oct 2021 05:53
 Operator : SY/MD
 Sample : M4137-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD5

Quant Time: Oct 19 09:00:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

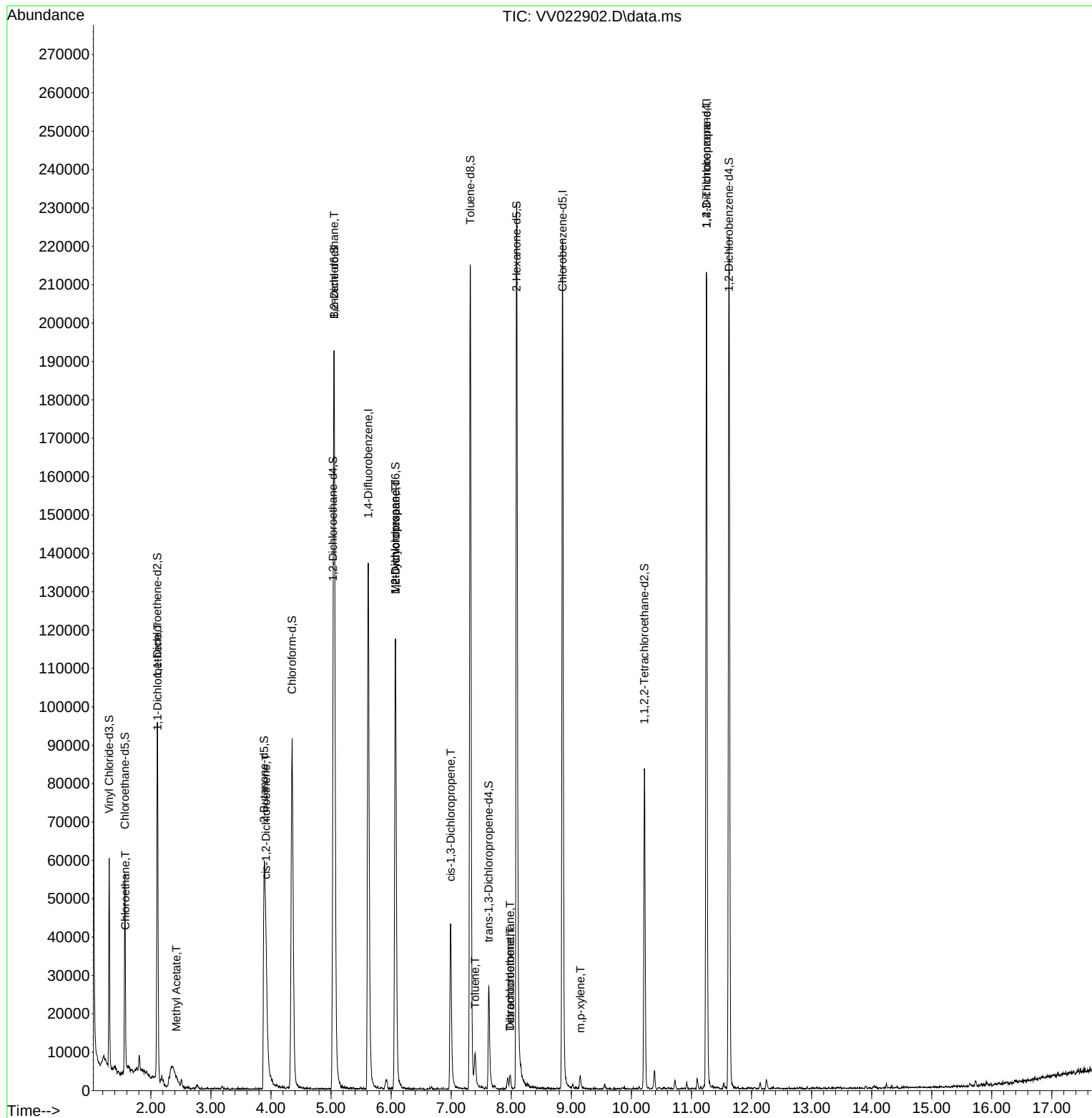
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32396	3.804	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.568	69	31280	4.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.108	63	47305	2.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	3.886	46	100251	44.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.780%
24) Chloroform-d	4.352	84	92756	5.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.034	65	43859	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.053	84	176994	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.072	67	57824	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.320	98	146950	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.625	79	15807	4.364	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	78475	53.762	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40570	5.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	60102	5.548	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						Qvalue
8) Chloroethane	1.577	64	810	0.140	ug/L #	53
12) 1,1-Dichloroethene	2.114	96	503	0.067	ug/L #	1
15) Methyl Acetate	2.426	43	906	0.254	ug/L #	50
22) cis-1,2-Dichloroethene	3.915	96	9137	1.070	ug/L	96
27) 1,2-Dichloroethane	5.053	62	1194	0.141	ug/L #	69
35) Methylcyclohexane	6.072	83	14134	1.112	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	6608	0.824	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1145	0.108	ug/L #	56
42) Toluene	7.400	91	6567	0.194	ug/L	99
47) Tetrachloroethene	7.982	164	882	0.120	ug/L	89
49) Dibromochloromethane	7.982	129	730	0.105	ug/L #	7
53) m,p-xylene	9.152	106	1266	0.094	ug/L	64
61) 1,2,3-Trichloropropane	11.249	75	6432	1.584	ug/L #	62

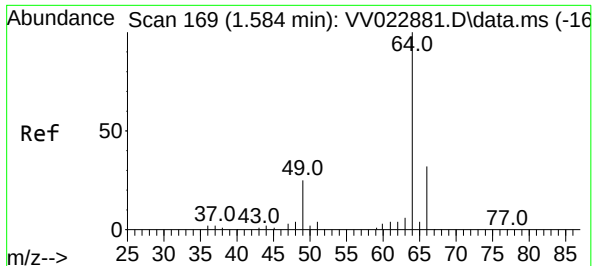
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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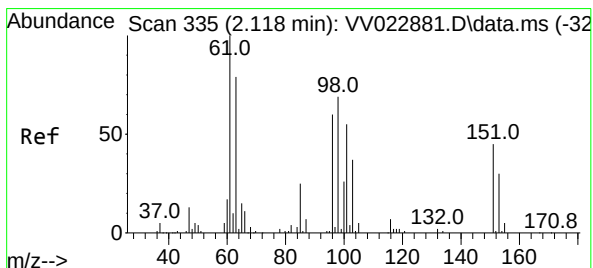
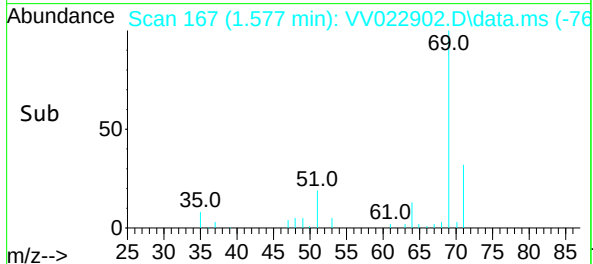
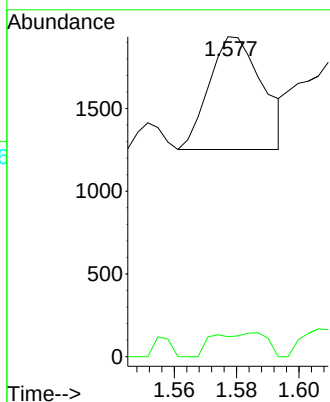
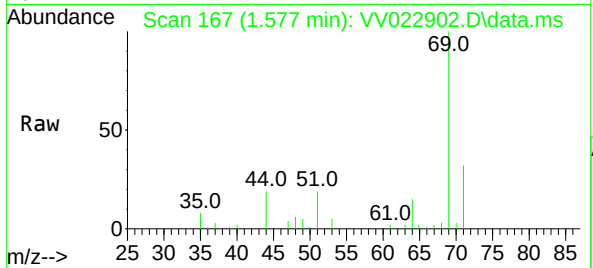




#8
Chloroethane
Concen: 0.140 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.007 min
Lab File: VV022902.D
Acq: 19 Oct 2021 05:53

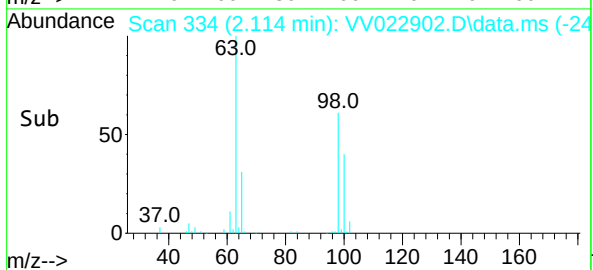
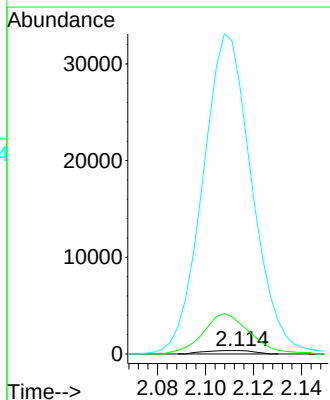
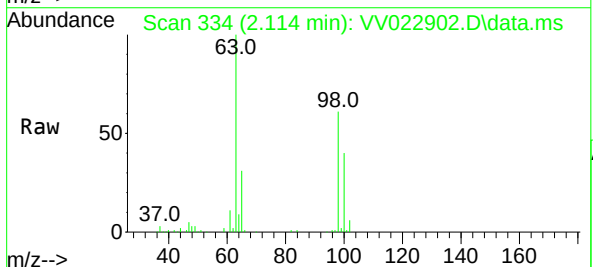
Instrument :
MSVOA_V
ClientSampled :
BFGD5

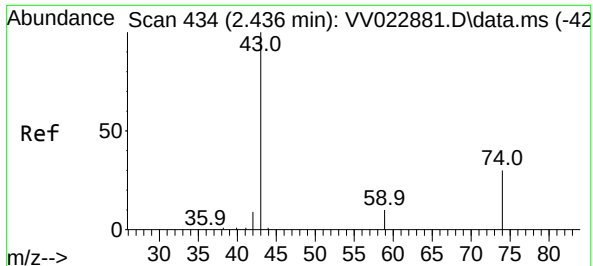
Tgt Ion: 64 Resp: 810
Ion Ratio Lower Upper
64 100
66 6.3 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV022902.D
Acq: 19 Oct 2021 05:53

Tgt Ion: 96 Resp: 503
Ion Ratio Lower Upper
96 100
61 898.6 127.3 236.5#
63 7884.7 106.2 197.2#

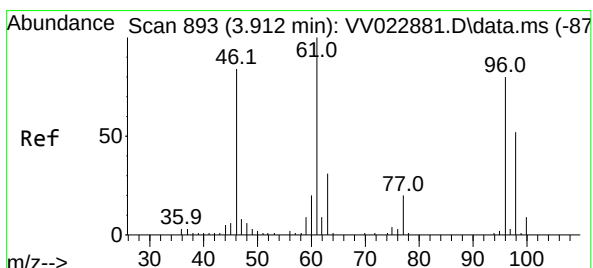
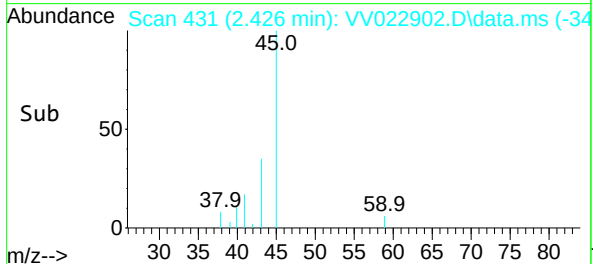
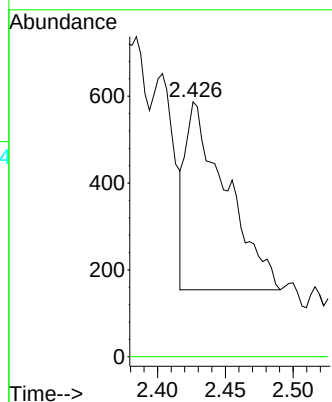
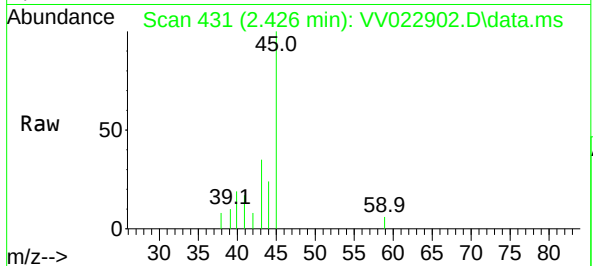




#15
Methyl Acetate
Concen: 0.254 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.010 min
Lab File: VV022902.D
Acq: 19 Oct 2021 05:53

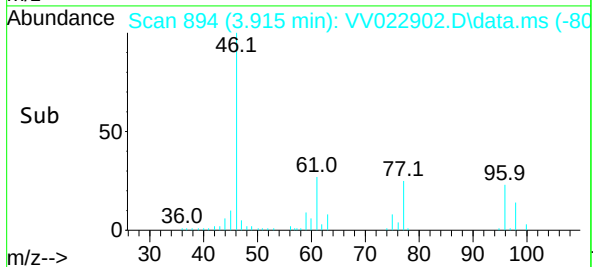
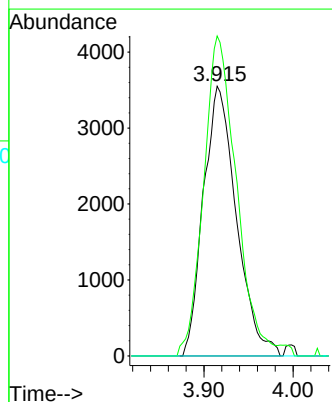
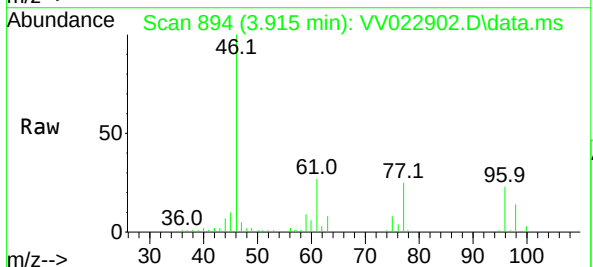
Instrument :
MSVOA_V
ClientSampleId :
BFGD5

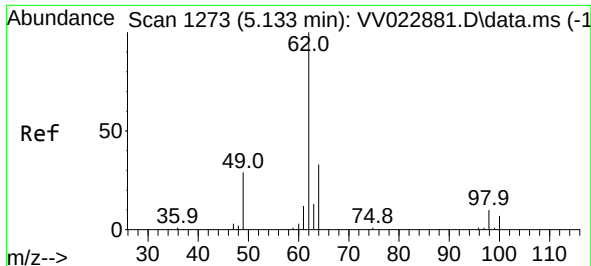
Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#22
cis-1,2-Dichloroethene
Concen: 1.070 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022902.D
Acq: 19 Oct 2021 05:53

Tgt Ion: 96 Resp: 9137
Ion Ratio Lower Upper
96 100
61 118.6 86.0 159.6
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.141 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.081 min

Lab File: VV022902.D

Acq: 19 Oct 2021 05:53

Tgt Ion: 62 Resp: 1194

Ion Ratio Lower Upper

62 100

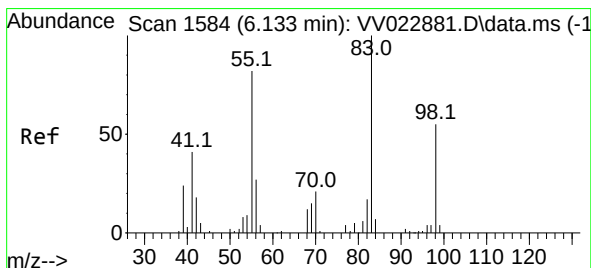
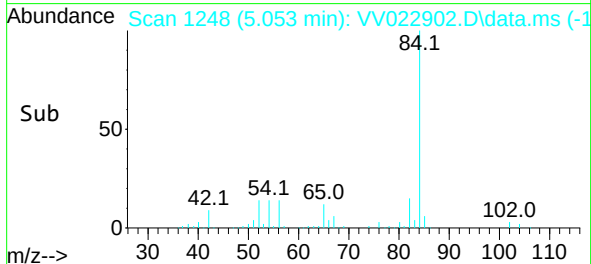
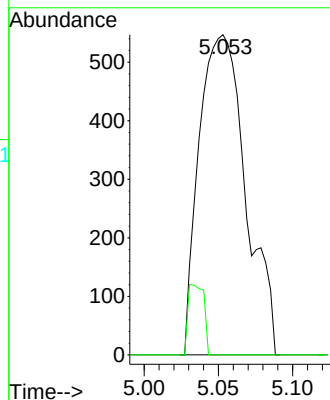
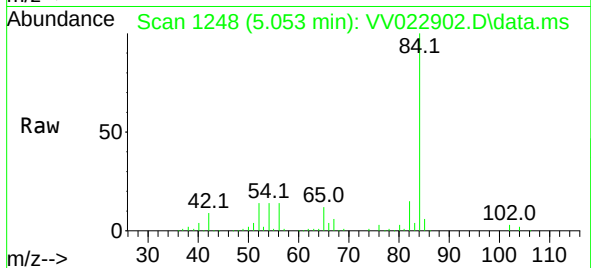
98 0.0 9.7 14.5#

Instrument :

MSVOA_V

ClientSampled :

BFGD5



#35

Methylcyclohexane

Concen: 1.112 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV022902.D

Acq: 19 Oct 2021 05:53

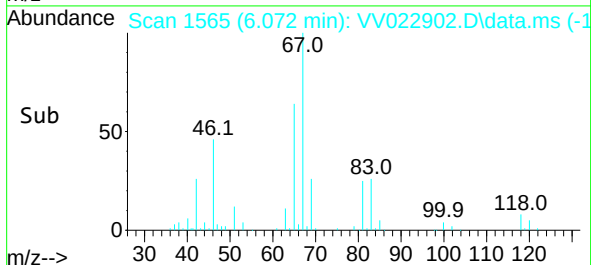
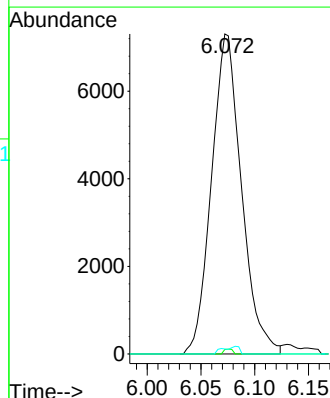
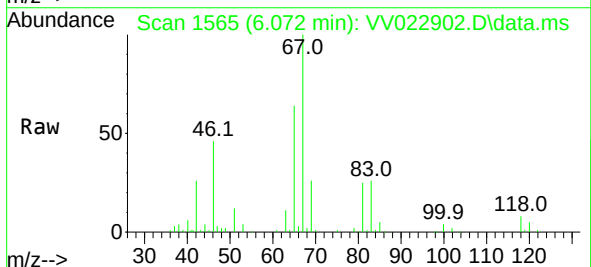
Tgt Ion: 83 Resp: 14134

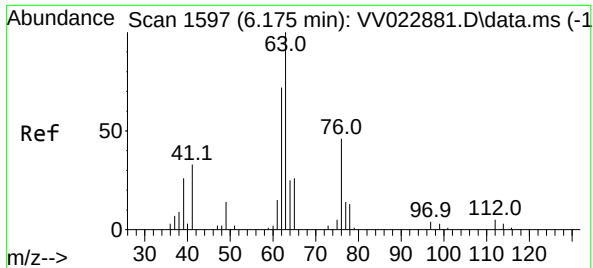
Ion Ratio Lower Upper

83 100

55 0.4 63.8 95.6#

98 0.6 42.1 63.1#

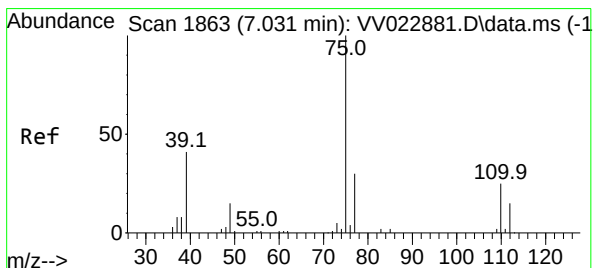
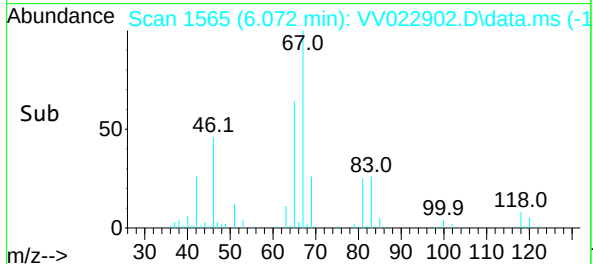
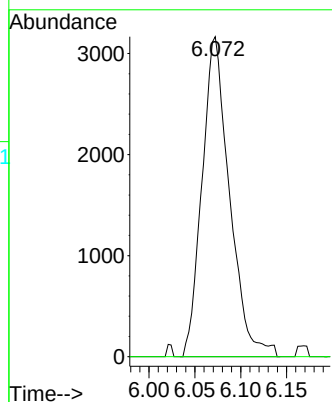
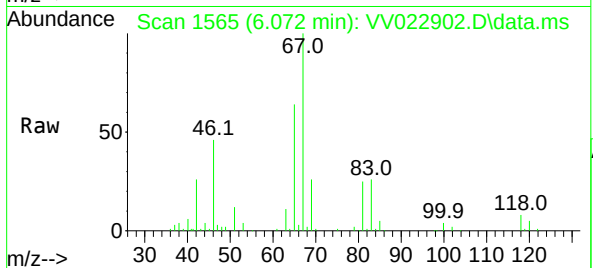




#37
1,2-Dichloropropane
Concen: 0.824 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022902.D
Acq: 19 Oct 2021 05:53

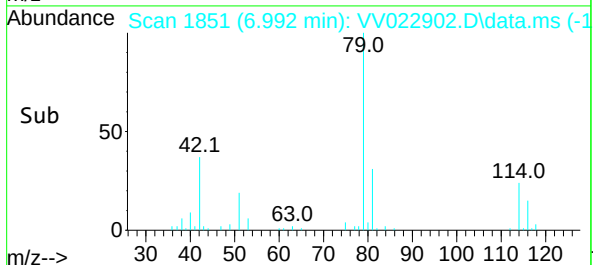
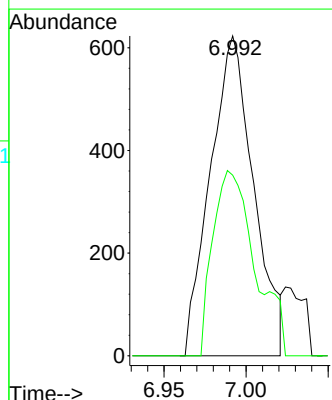
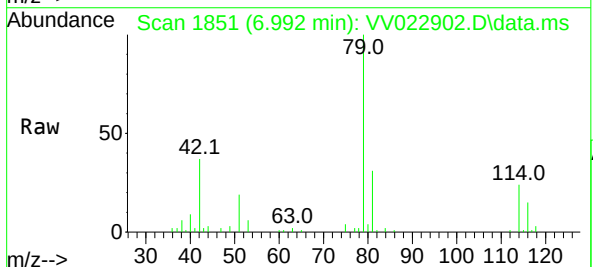
Instrument :
MSVOA_V
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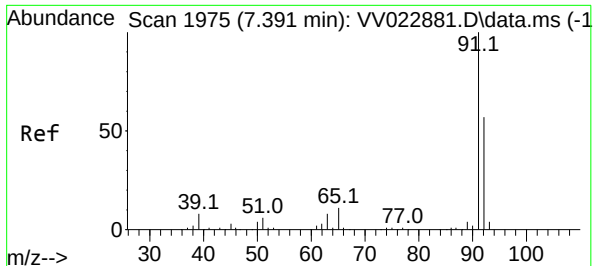
Tgt Ion: 63 Resp: 6608
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.039 min
Lab File: VV022902.D
Acq: 19 Oct 2021 05:53

Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
77 56.5 22.3 41.3#

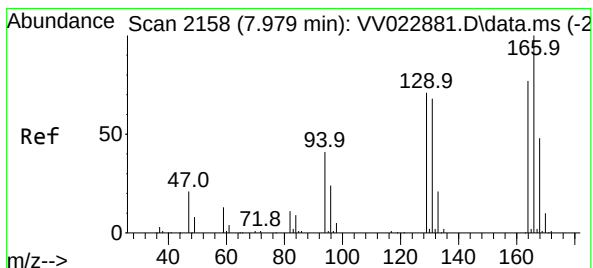
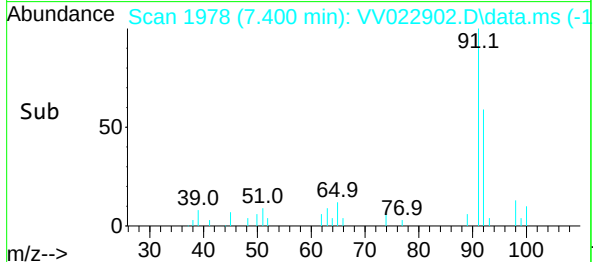
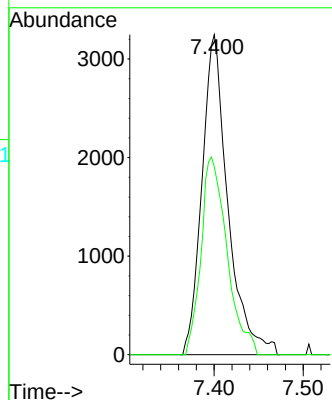
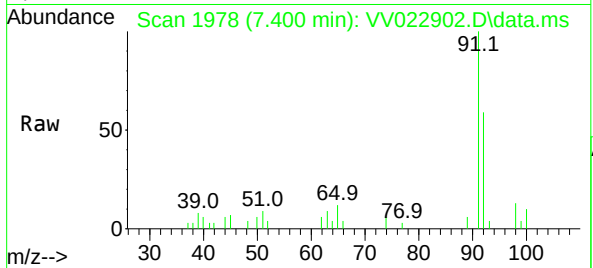




#42
Toluene
Concen: 0.194 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV022902.D
Acq: 19 Oct 2021 05:53

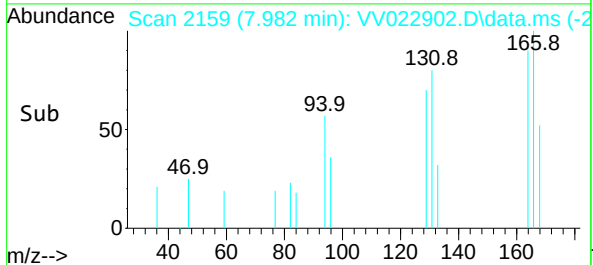
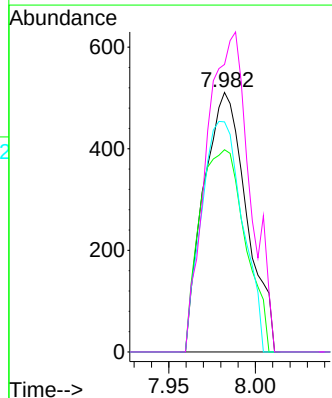
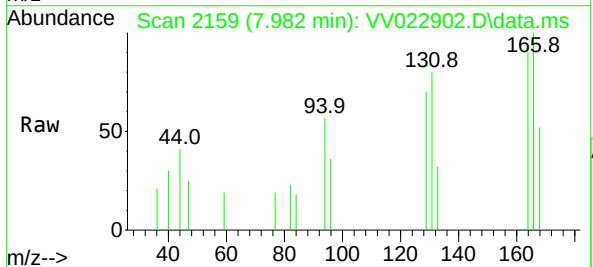
Instrument :
MSVOA_V
ClientSampled :
BFGD5

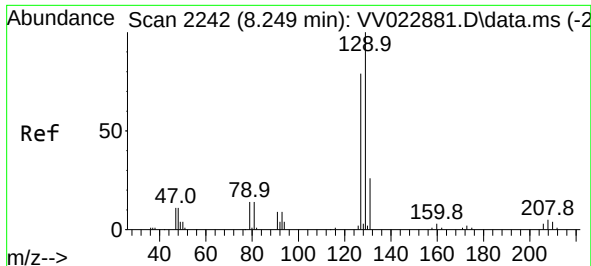
Tgt Ion: 91 Resp: 6567
Ion Ratio Lower Upper
91 100
92 58.7 40.7 75.7



#47
Tetrachloroethene
Concen: 0.120 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV022902.D
Acq: 19 Oct 2021 05:53

Tgt Ion: 164 Resp: 882
Ion Ratio Lower Upper
164 100
129 77.9 65.0 120.6
131 88.6 62.2 115.4
166 110.8 89.2 165.8





#49

Dibromochloromethane

Concen: 0.105 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.267 min

Lab File: VV022902.D

Acq: 19 Oct 2021 05:53

Tgt Ion:129 Resp: 730

Ion Ratio Lower Upper

129 100

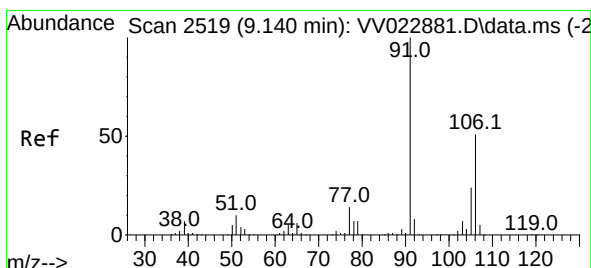
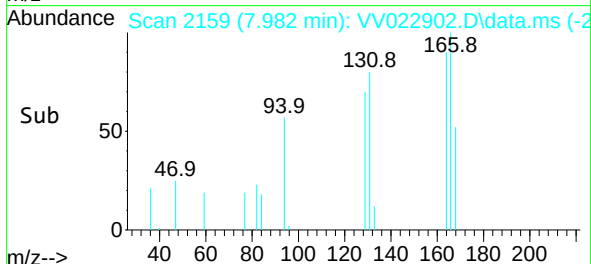
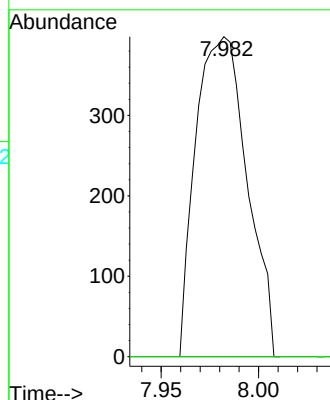
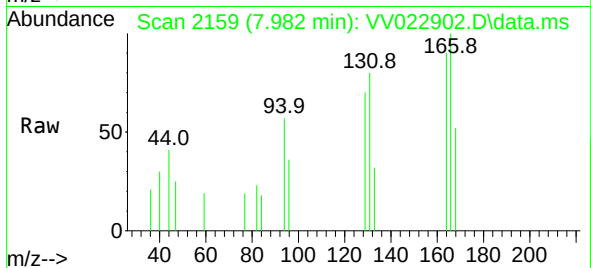
127 0.0 59.1 109.9#

Instrument :

MSVOA_V

ClientSampleId :

BFGD5



#53

m,p-xylene

Concen: 0.094 ug/L

RT: 9.152 min Scan# 2523

Delta R.T. 0.013 min

Lab File: VV022902.D

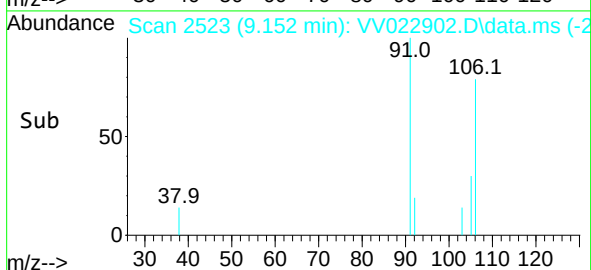
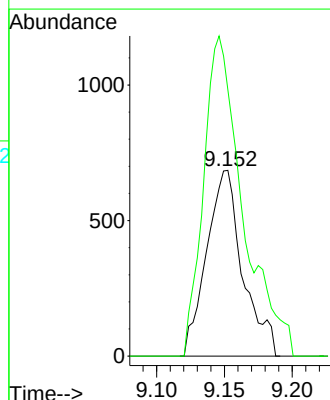
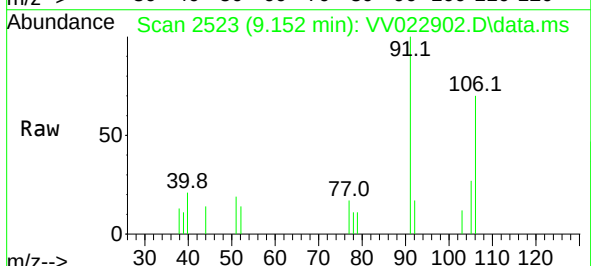
Acq: 19 Oct 2021 05:53

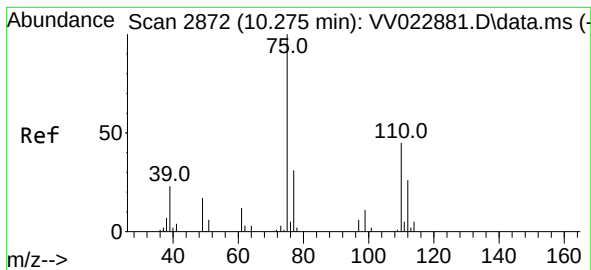
Tgt Ion:106 Resp: 1266

Ion Ratio Lower Upper

106 100

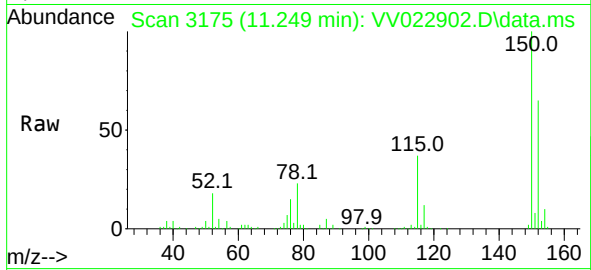
91 143.4 138.7 257.5





#61
 1,2,3-Trichloropropane
 Concen: 1.584 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022902.D
 Acq: 19 Oct 2021 05:53

Instrument :
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 ClientSampleId :
 BFGD5



Tgt Ion:	75	Resp:	6432
Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.4	38.2
110	2.0	34.2	51.4#

