

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042122\
 Data File : VW025676.D
 Acq On : 21 Apr 2022 18:54
 Operator : SY/MD
 Sample : N2417-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFFH1

Quant Time: Apr 22 03:11:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

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

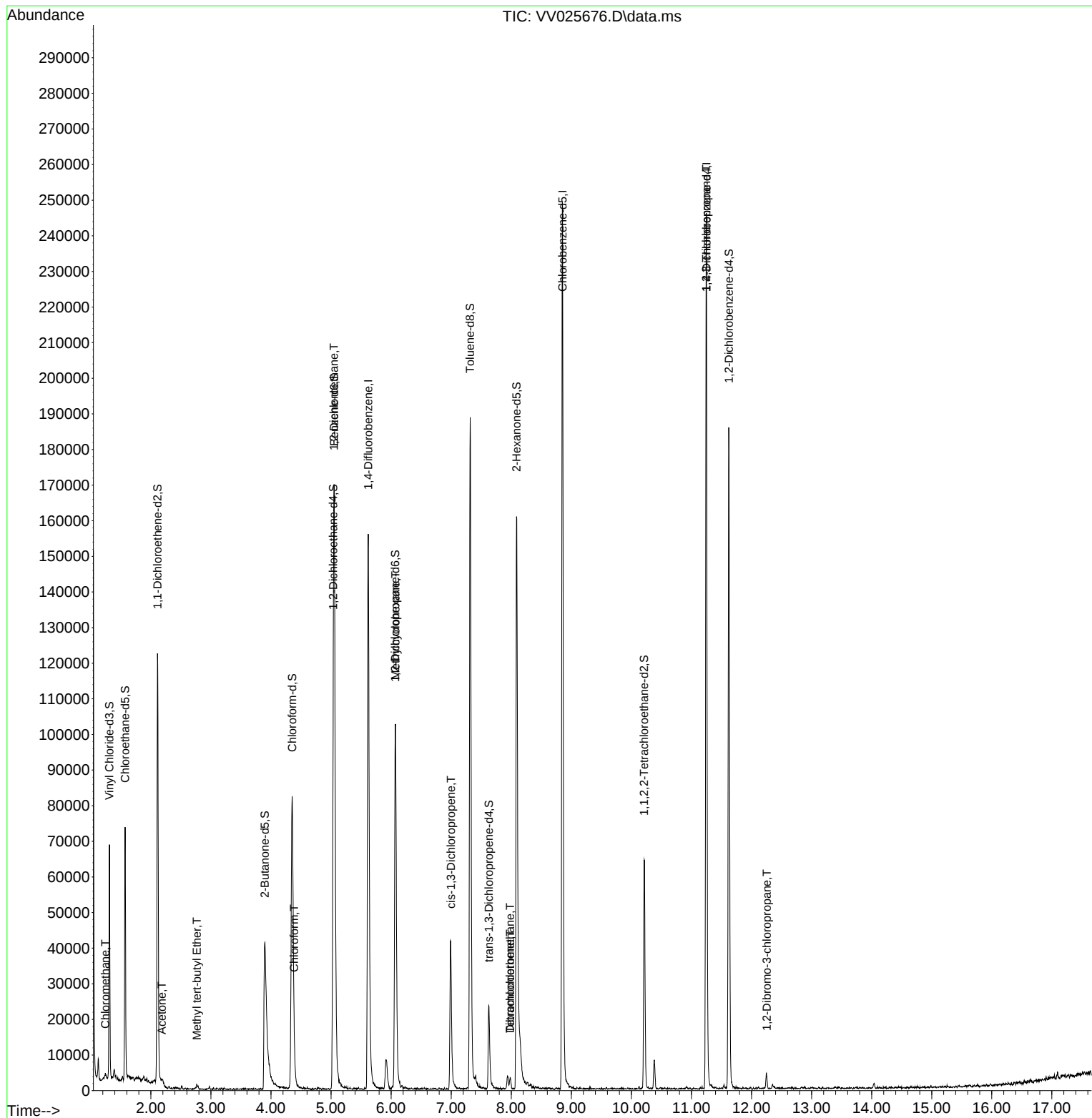
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135369	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	40745	3.237	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.800%	
7) Chloroethane-d5	1.571	69	43472	3.247	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	65.000%	
11) 1,1-Dichloroethene-d2	2.111	63	64602	2.562	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	51.200%#	
20) 2-Butanone-d5	3.899	46	72889	47.612	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.220%	
24) Chloroform-d	4.352	84	86616	4.554	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.037	65	40189	4.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.053	84	156520	3.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.800%	
36) 1,2-Dichloropropane-d6	6.069	67	50419	4.489	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.800%	
41) Toluene-d8	7.317	98	129452	3.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.200%#	
43) trans-1,3-Dichloroprop...	7.628	79	13871	3.674	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.088	63	55114	41.595	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.200%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30844	4.347	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	45972	4.367	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	630	0.047	ug/L #	69
13) Acetone	2.182	43	4146	3.990	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	844	0.046	ug/L #	63
25) Chloroform	4.384	83	4219	0.240	ug/L	88
27) 1,2-Dichloroethane	5.047	62	882	0.095	ug/L #	48
35) Methylcyclohexane	6.072	83	12189	0.700	ug/L #	24
39) cis-1,3-Dichloropropene	6.995	75	1101	0.088	ug/L #	78
47) Tetrachloroethene	7.982	164	611	0.071	ug/L	86
49) Dibromochloromethane	7.982	129	720	0.103	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7716	1.866	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.252	75	153	0.214	ug/L #	2

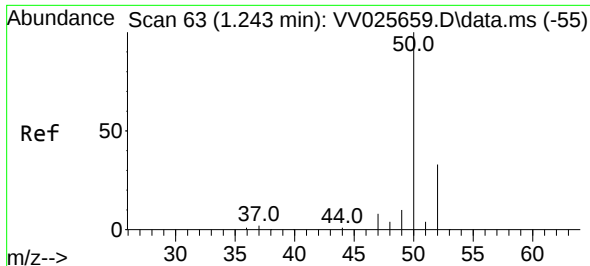
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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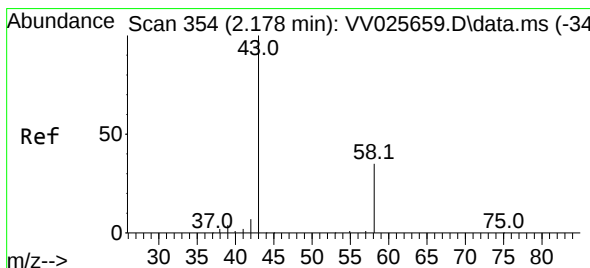
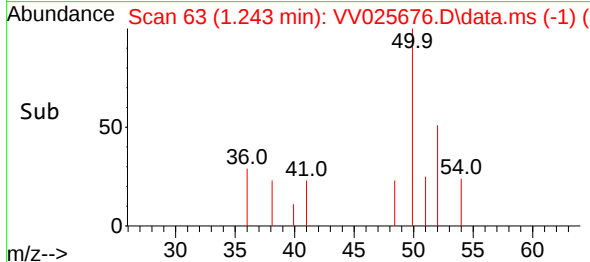
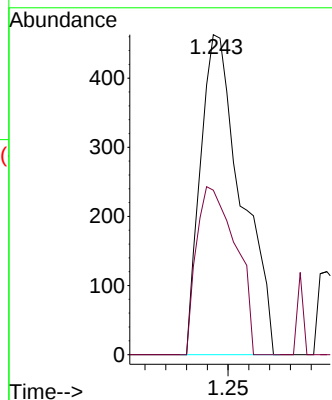
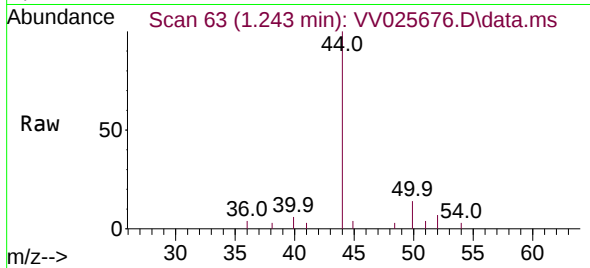




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025676.D
Acq: 21 Apr 2022 18:54

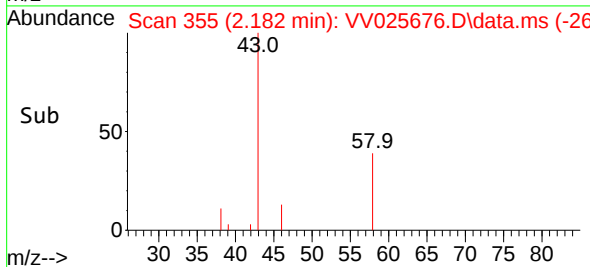
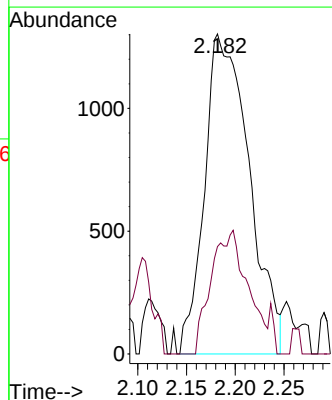
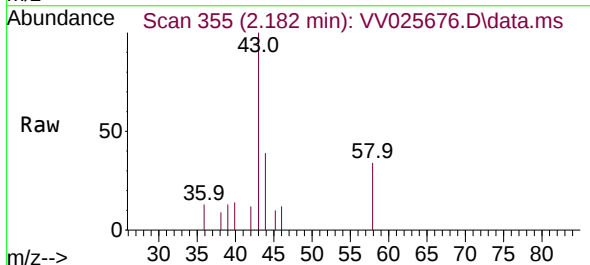
Instrument :
MSVOA_V
ClientSampleId :
BFFH1

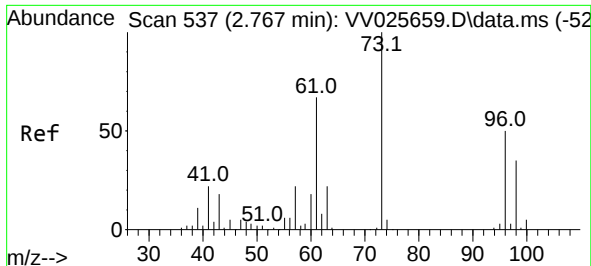
Tgt Ion: 50 Resp: 630
Ion Ratio Lower Upper
50 100
52 51.4 23.7 43.9#



#13
Acetone
Concen: 3.990 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV025676.D
Acq: 21 Apr 2022 18:54

Tgt Ion: 43 Resp: 4146
Ion Ratio Lower Upper
43 100
58 31.9 0.0 72.2

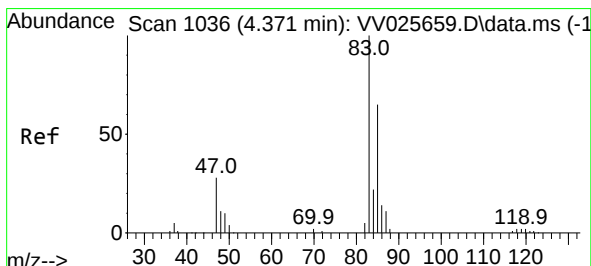
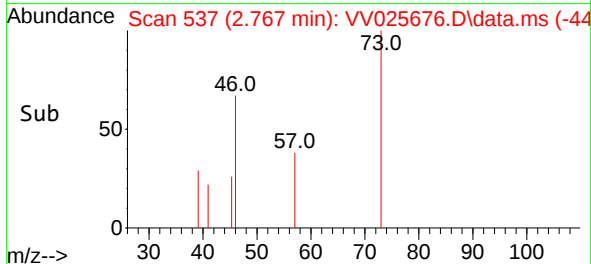
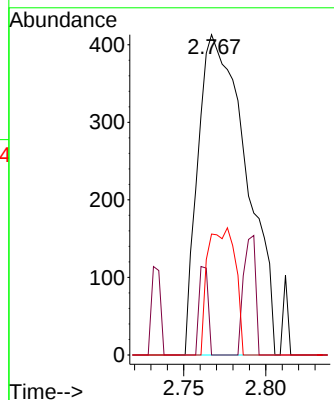
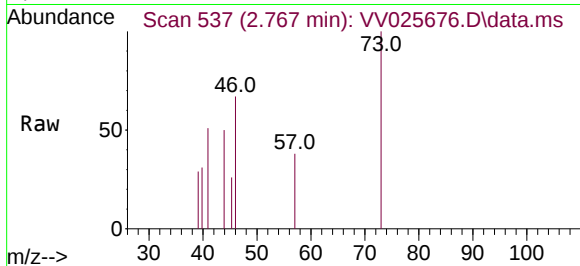




#17
Methyl tert-butyl Ether
Concen: 0.046 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025676.D
Acq: 21 Apr 2022 18:54

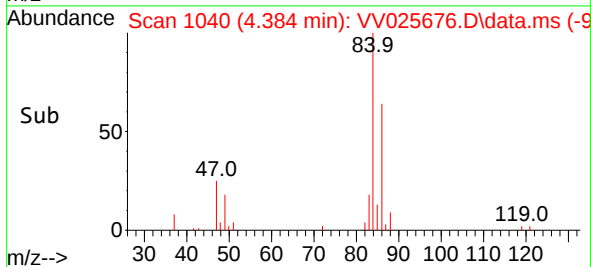
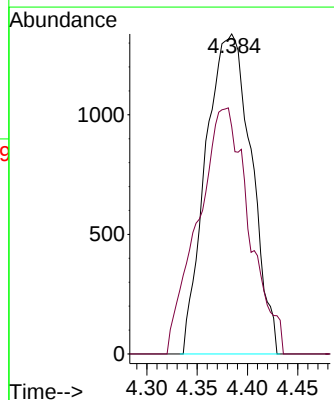
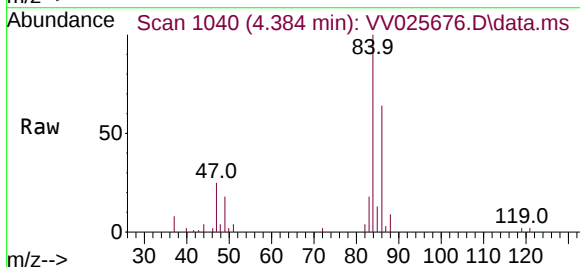
Instrument :
MSVOA_V
ClientSampleId :
BFFH1

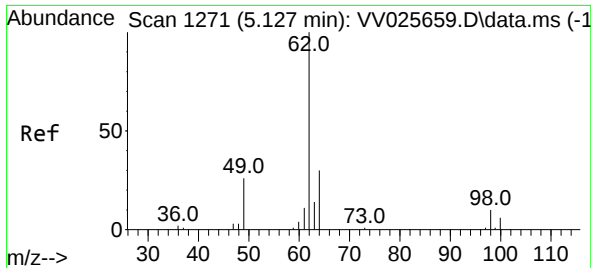
Tgt Ion: 73 Resp: 844
Ion Ratio Lower Upper
73 100
43 5.2 14.2 21.4#
57 0.0 16.1 24.1#



#25
Chloroform
Concen: 0.240 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VV025676.D
Acq: 21 Apr 2022 18:54

Tgt Ion: 83 Resp: 4219
Ion Ratio Lower Upper
83 100
85 71.0 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV025676.D

Acq: 21 Apr 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

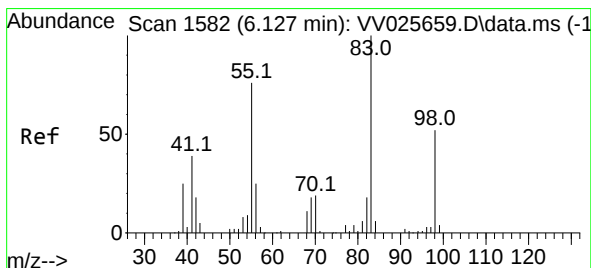
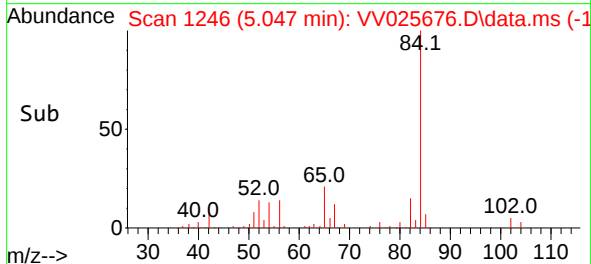
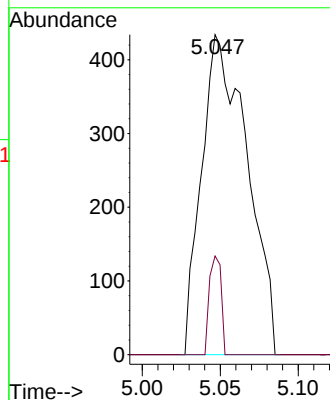
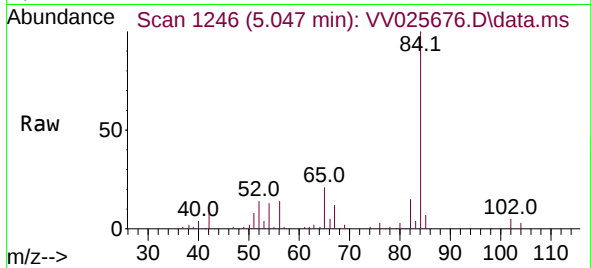
BFFH1

Tgt Ion: 62 Resp: 882

Ion Ratio Lower Upper

62 100

98 30.9 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.700 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025676.D

Acq: 21 Apr 2022 18:54

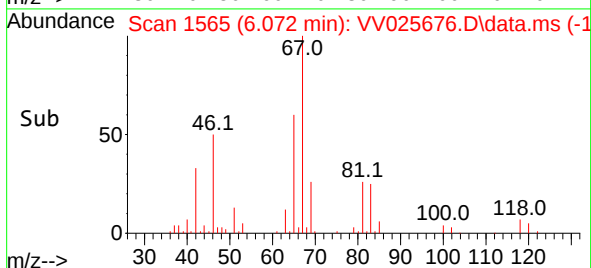
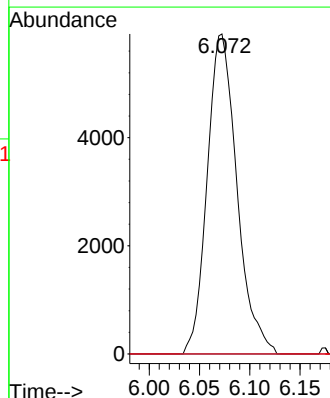
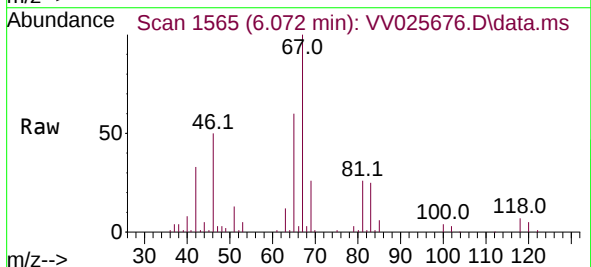
Tgt Ion: 83 Resp: 12189

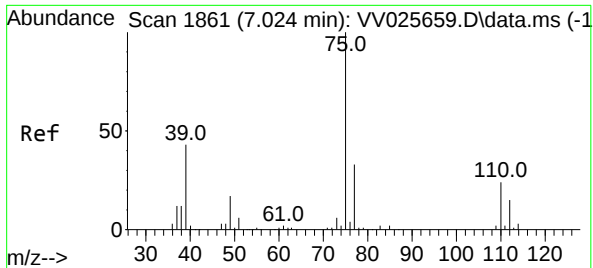
Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 4.5 39.6 59.4#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV025676.D

Acq: 21 Apr 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

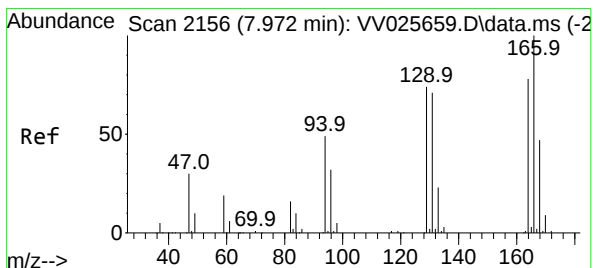
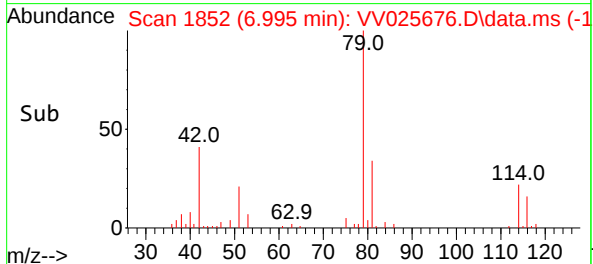
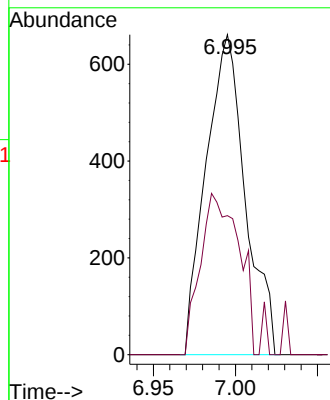
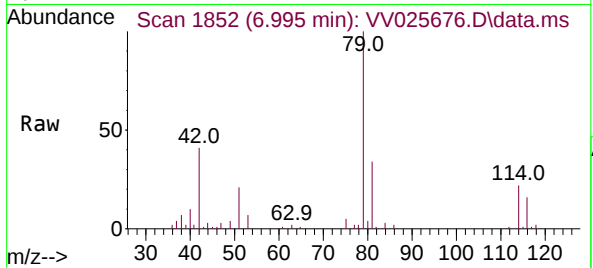
BFFH1

Tgt Ion: 75 Resp: 1101

Ion Ratio Lower Upper

75 100

77 43.4 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.071 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV025676.D

Acq: 21 Apr 2022 18:54

Tgt Ion:164 Resp: 611

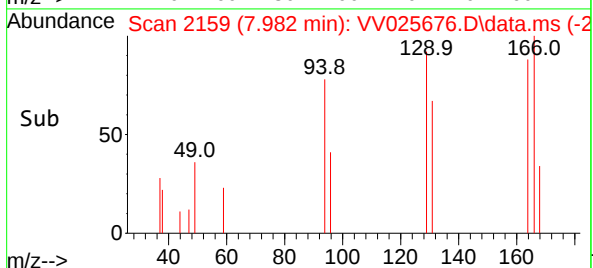
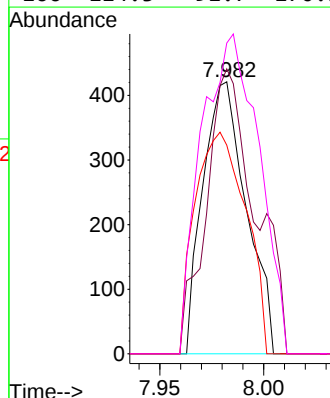
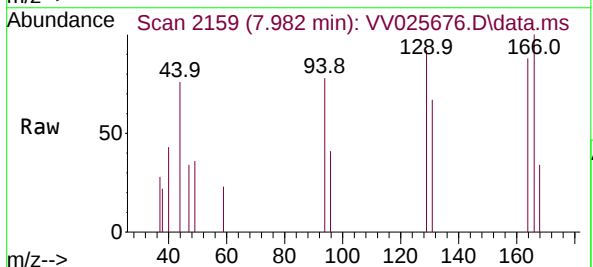
Ion Ratio Lower Upper

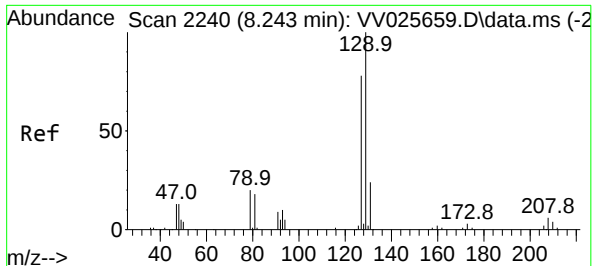
164 100

129 104.8 66.8 124.2

131 76.7 66.4 123.4

166 114.3 91.7 170.3





#49

Dibromochloromethane

Concen: 0.103 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

Lab File: VV025676.D

Acq: 21 Apr 2022 18:54

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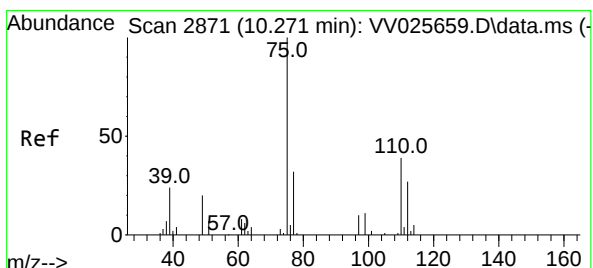
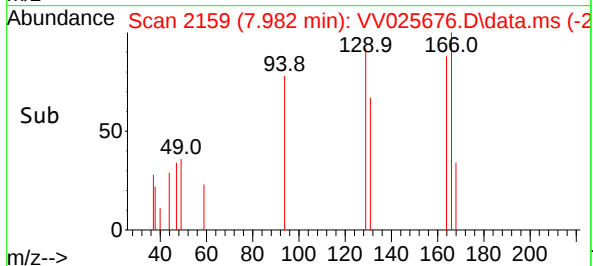
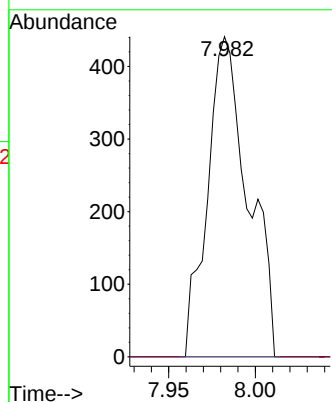
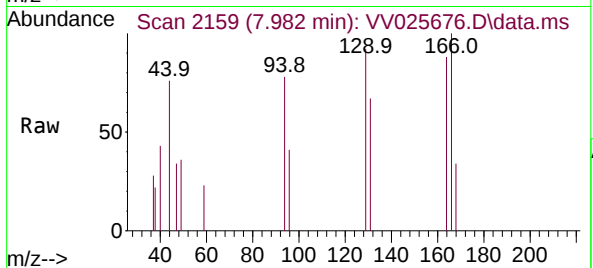
BFFH1

Tgt Ion:129 Resp: 720

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.866 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025676.D

Acq: 21 Apr 2022 18:54

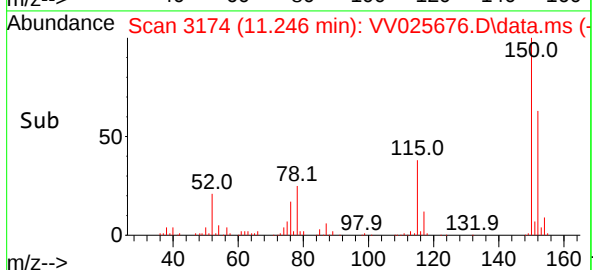
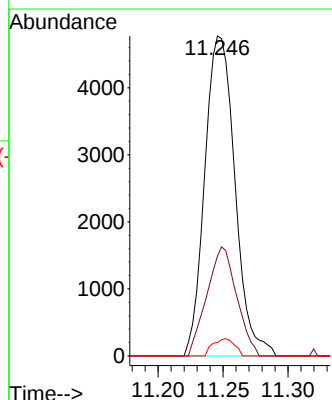
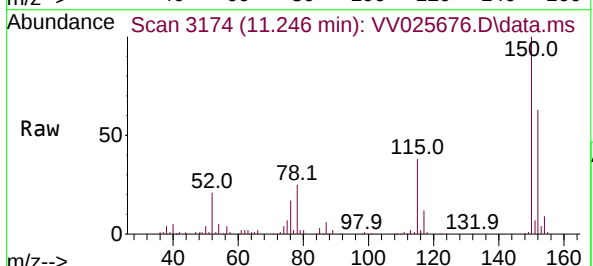
Tgt Ion: 75 Resp: 7716

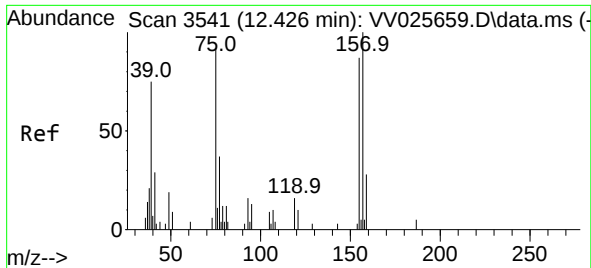
Ion Ratio Lower Upper

75 100

77 33.5 25.6 38.4

110 3.9 34.7 52.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.214 ug/L

RT: 12.252 min Scan# 34

Delta R.T. -0.174 min

Lab File: VV025676.D

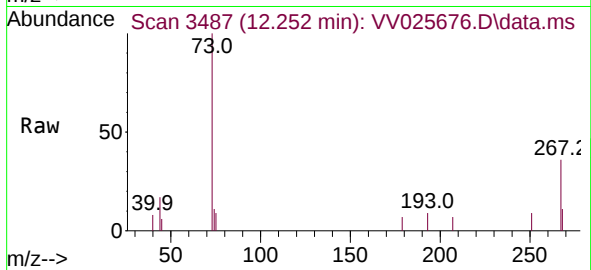
Acq: 21 Apr 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

BFFH1



Tgt Ion: 75 Resp: 153

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

