

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032222\
 Data File : VW025122.D
 Acq On : 22 Mar 2022 12:53
 Operator : SY/MD
 Sample : N2044-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY30

Quant Time: Mar 23 01:09:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 23 01:08:13 2022
 Response via : Initial Calibration

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

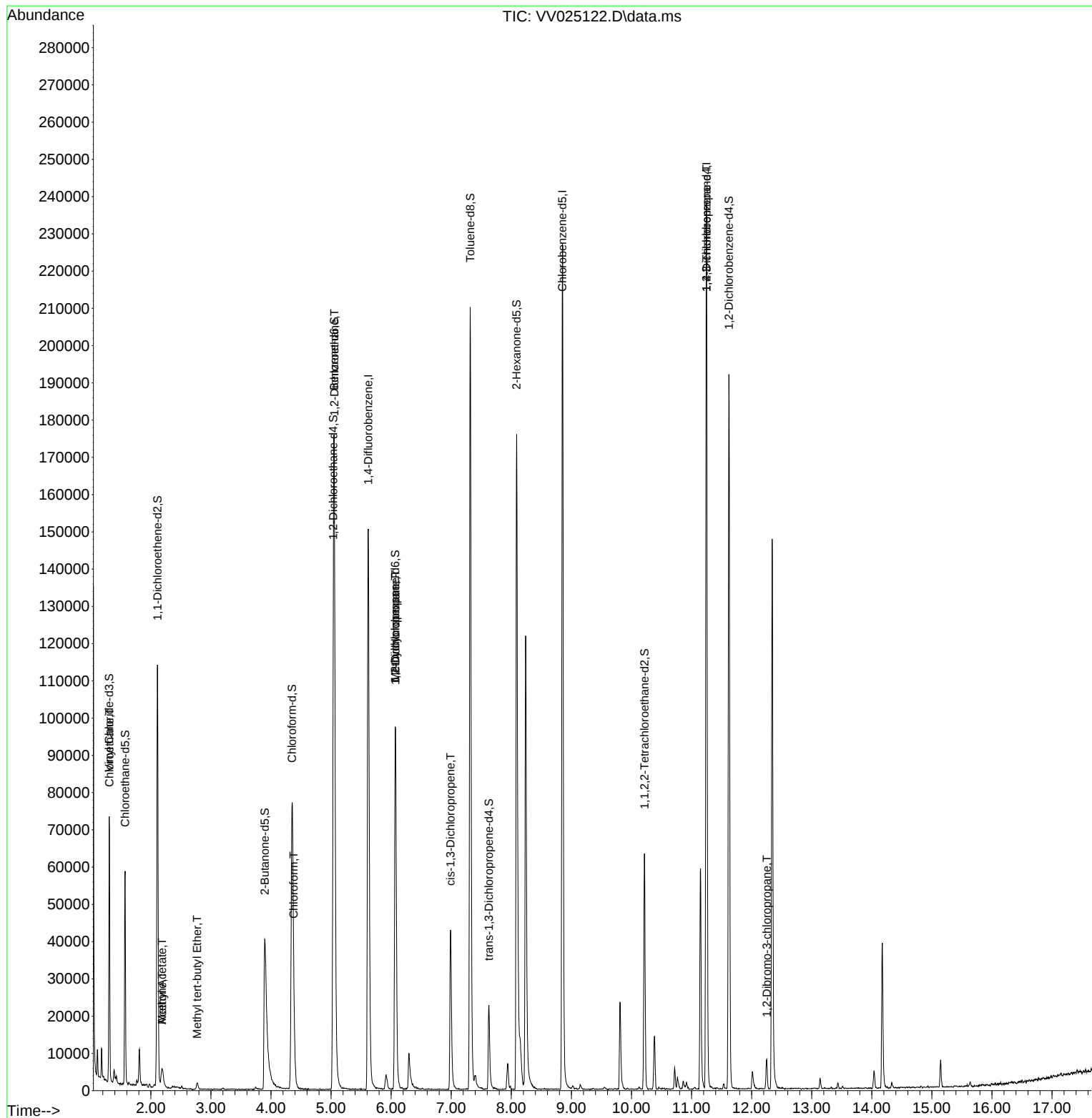
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139898	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132912	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61979	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43428	3.932	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.600%	
7) Chloroethane-d5	1.571	69	36787	4.548	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.111	63	57590	3.226	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.896	46	82060	61.478	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.960%	
24) Chloroform-d	4.349	84	82813	4.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.037	65	37606	4.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.050	84	173141	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	6.069	67	51140	4.613	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.317	98	144237	4.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
43) trans-1,3-Dichloroprop...	7.625	79	15330	3.966	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.088	63	67587	51.266	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.540%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32004	4.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	48630	4.635	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						Qvalue
8) Chloroethane	1.311	64	615	0.082	ug/L #	1
13) Acetone	2.188	43	9683	10.847	ug/L	97
15) Methyl Acetate	2.188	43	8780	3.590	ug/L #	44
17) Methyl tert-butyl Ether	2.770	73	1902	0.098	ug/L #	93
25) Chloroform	4.378	83	12742	0.670	ug/L	99
27) 1,2-Dichloroethane	5.053	62	891	0.094	ug/L #	71
35) Methylcyclohexane	6.069	83	12601	0.692	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5097	0.513	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1044	0.076	ug/L #	44
61) 1,2,3-Trichloropropane	11.249	75	8080	1.550	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.252	75	226	0.253	ug/L #	1

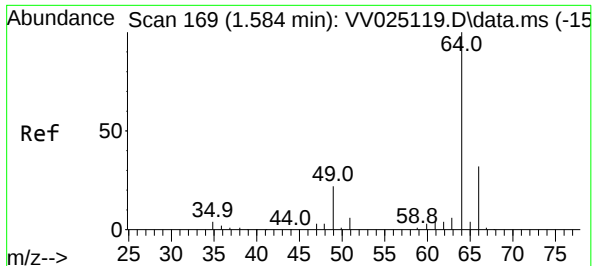
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.082 ug/L

RT: 1.311 min Scan# 84

Delta R.T. -0.273 min

Lab File: VV025122.D

Acq: 22 Mar 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

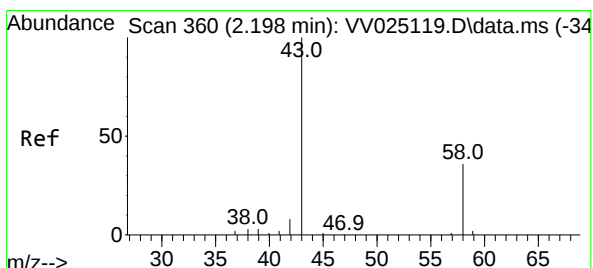
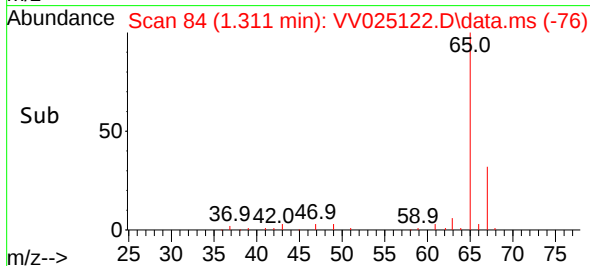
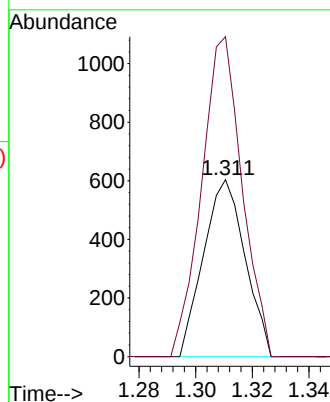
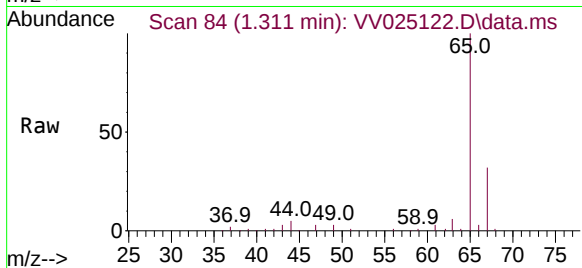
BFY30

Tgt Ion: 64 Resp: 615

Ion Ratio Lower Upper

64 100

66 180.8 22.5 41.7#



#13

Acetone

Concen: 10.847 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.009 min

Lab File: VV025122.D

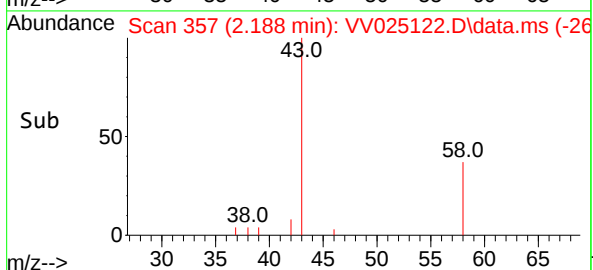
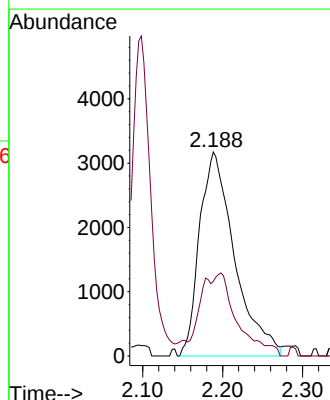
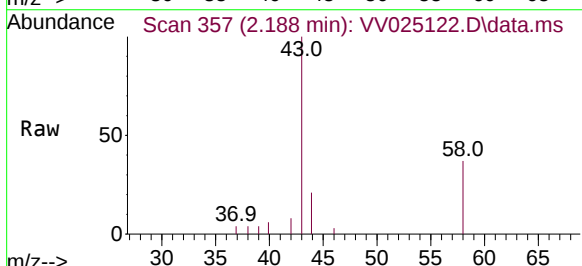
Acq: 22 Mar 2022 12:53

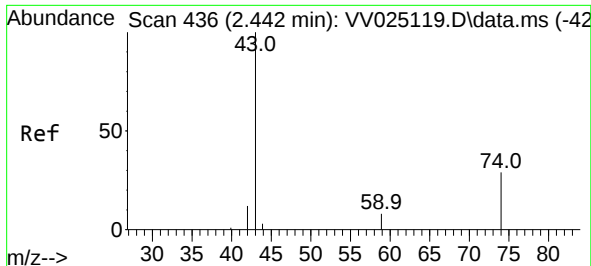
Tgt Ion: 43 Resp: 9683

Ion Ratio Lower Upper

43 100

58 25.5 0.0 54.2

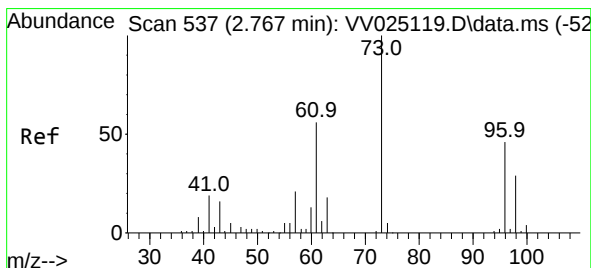
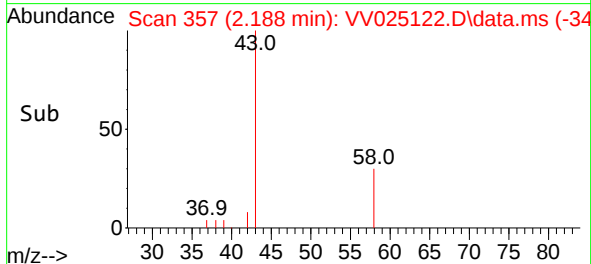
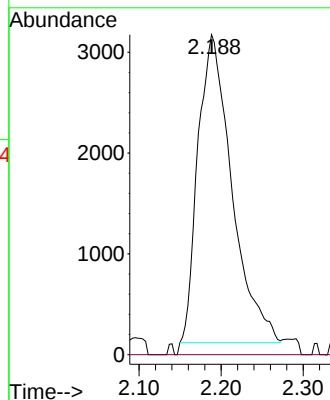
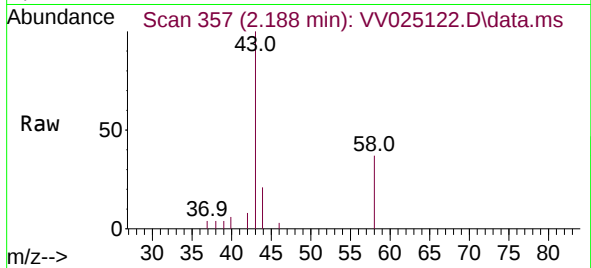




#15
Methyl Acetate
Concen: 3.590 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.254 min
Lab File: VV025122.D
Acq: 22 Mar 2022 12:53

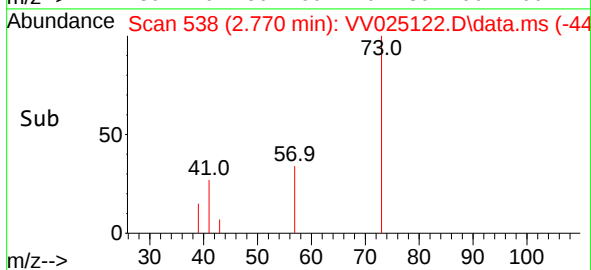
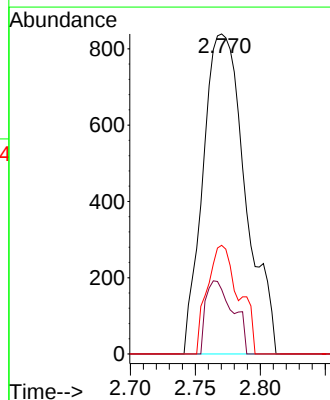
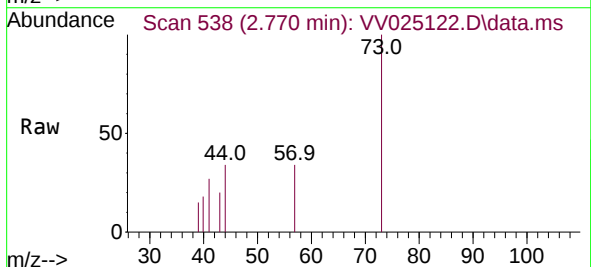
Instrument :
MSVOA_V
ClientSampleId :
BFY30

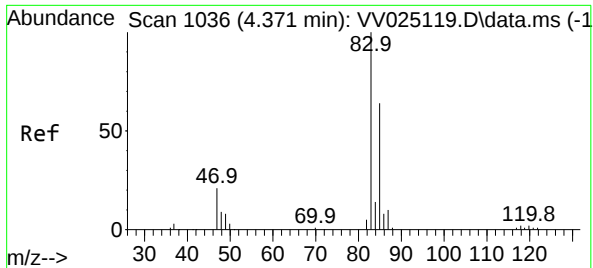
Tgt Ion: 43 Resp: 8780
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#17
Methyl tert-butyl Ether
Concen: 0.098 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV025122.D
Acq: 22 Mar 2022 12:53

Tgt Ion: 73 Resp: 1902
Ion Ratio Lower Upper
73 100
43 14.7 13.2 19.8
57 25.4 16.7 25.1#

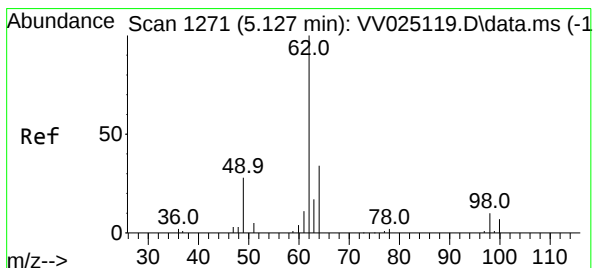
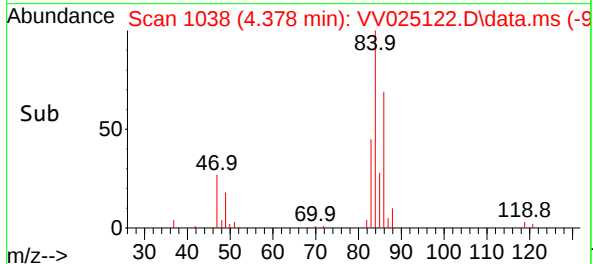
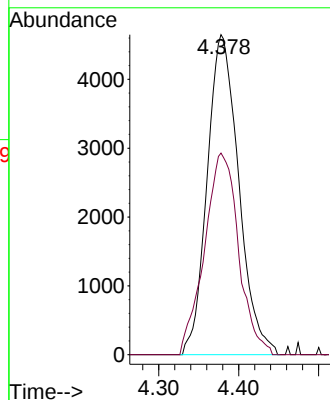
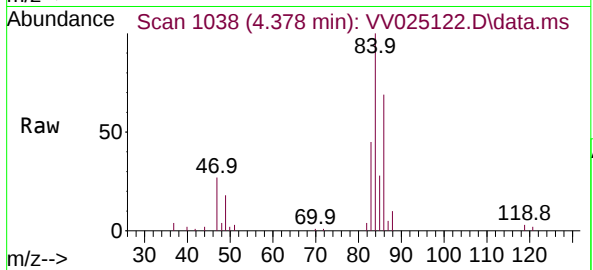




#25
Chloroform
Concen: 0.670 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VV025122.D
Acq: 22 Mar 2022 12:53

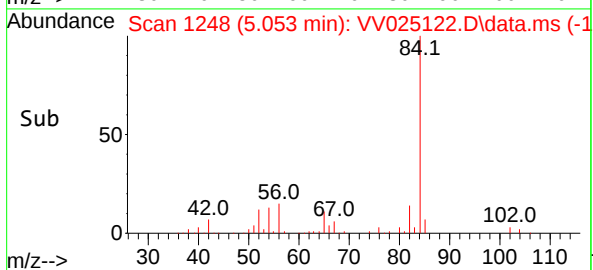
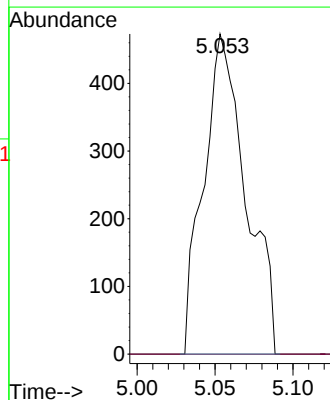
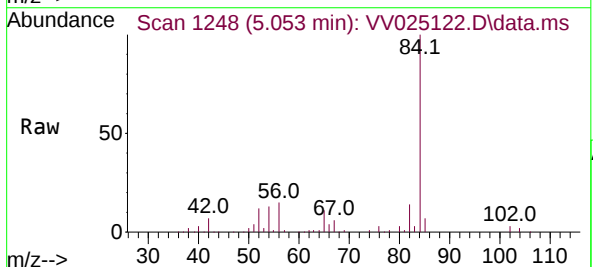
Instrument :
MSVOA_V
ClientSampleId :
BFY30

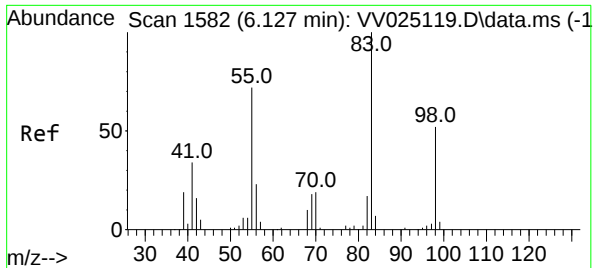
Tgt Ion: 83 Resp: 12742
Ion Ratio Lower Upper
83 100
85 63.0 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.074 min
Lab File: VV025122.D
Acq: 22 Mar 2022 12:53

Tgt Ion: 62 Resp: 891
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#





#35

Methylcyclohexane

Concen: 0.692 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025122.D

Acq: 22 Mar 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

BFY30

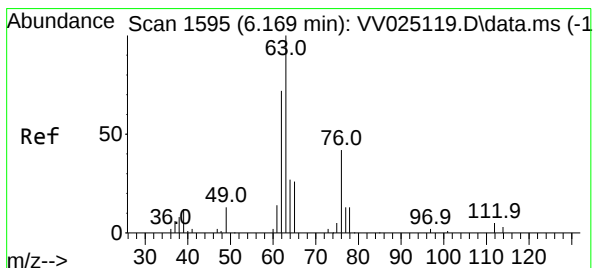
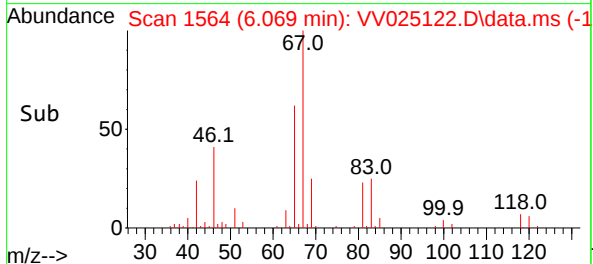
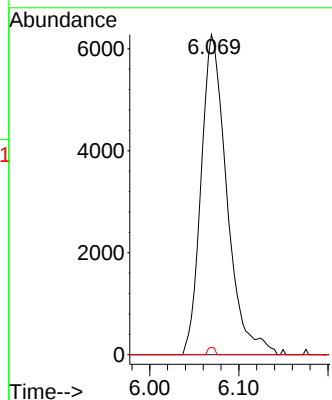
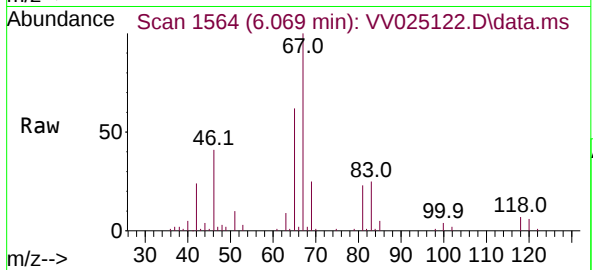
Tgt Ion: 83 Resp: 12601

Ion Ratio Lower Upper

83 100

55 1.3 55.4 83.0#

98 0.6 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.513 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV025122.D

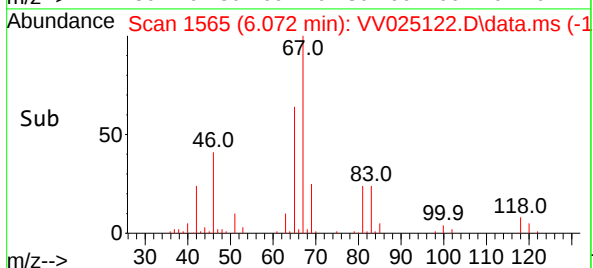
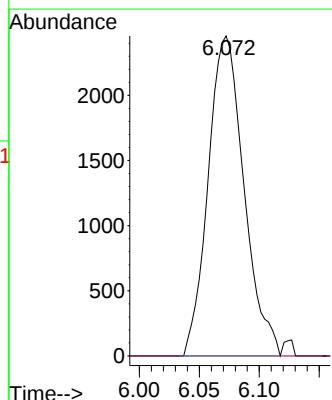
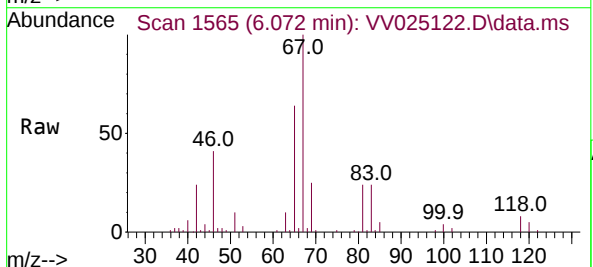
Acq: 22 Mar 2022 12:53

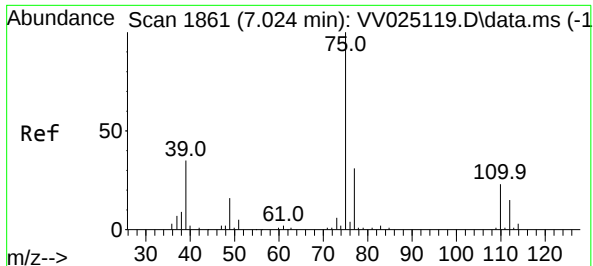
Tgt Ion: 63 Resp: 5097

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025122.D

Acq: 22 Mar 2022 12:53

Instrument :

MSVOA_V

ClientSampleId :

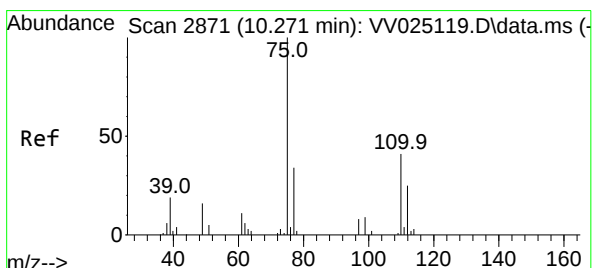
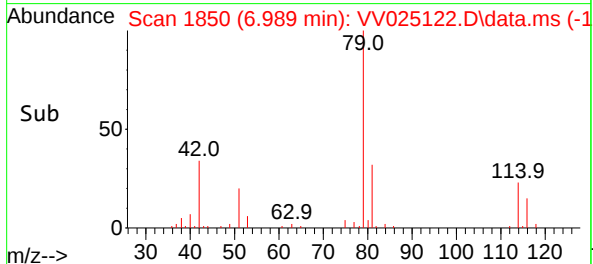
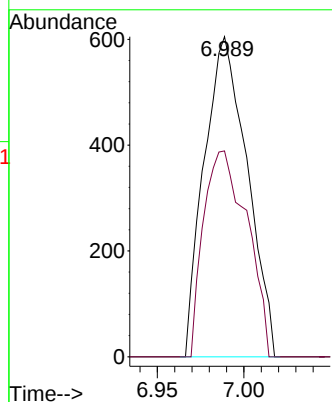
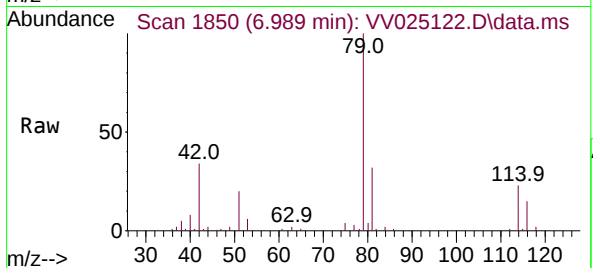
BFY30

Tgt Ion: 75 Resp: 1044

Ion Ratio Lower Upper

75 100

77 64.3 23.0 42.8#



#61

1,2,3-Trichloropropane

Concen: 1.550 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV025122.D

Acq: 22 Mar 2022 12:53

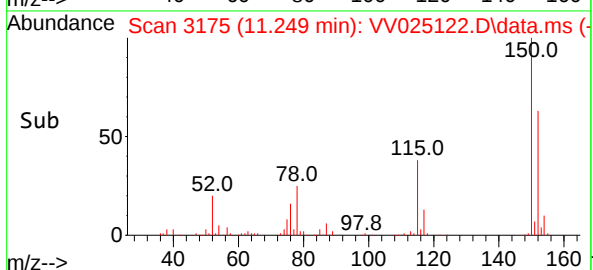
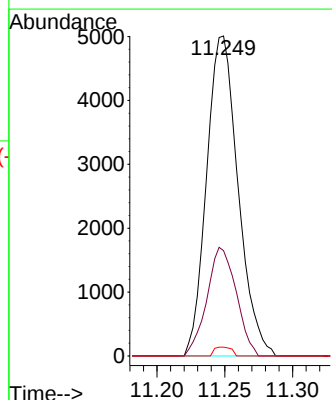
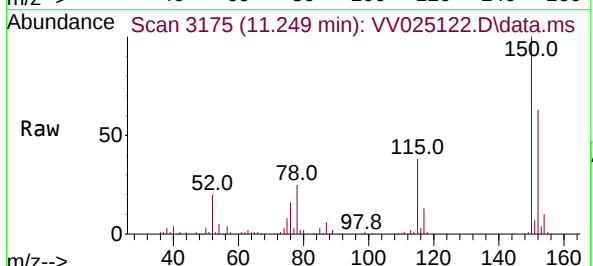
Tgt Ion: 75 Resp: 8080

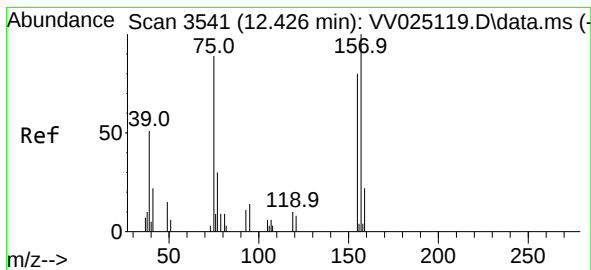
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

110 1.5 31.2 46.8#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.253 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.173 min
 Lab File: VV025122.D
 Acq: 22 Mar 2022 12:53

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY30

Tgt Ion: 75 Resp: 226
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

