

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025030.D
 Acq On : 16 Mar 2022 04:42
 Operator : SY/MD
 Sample : N1933-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDD2

Quant Time: Mar 16 06:50:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 05:10:39 2022
 Response via : Initial Calibration

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

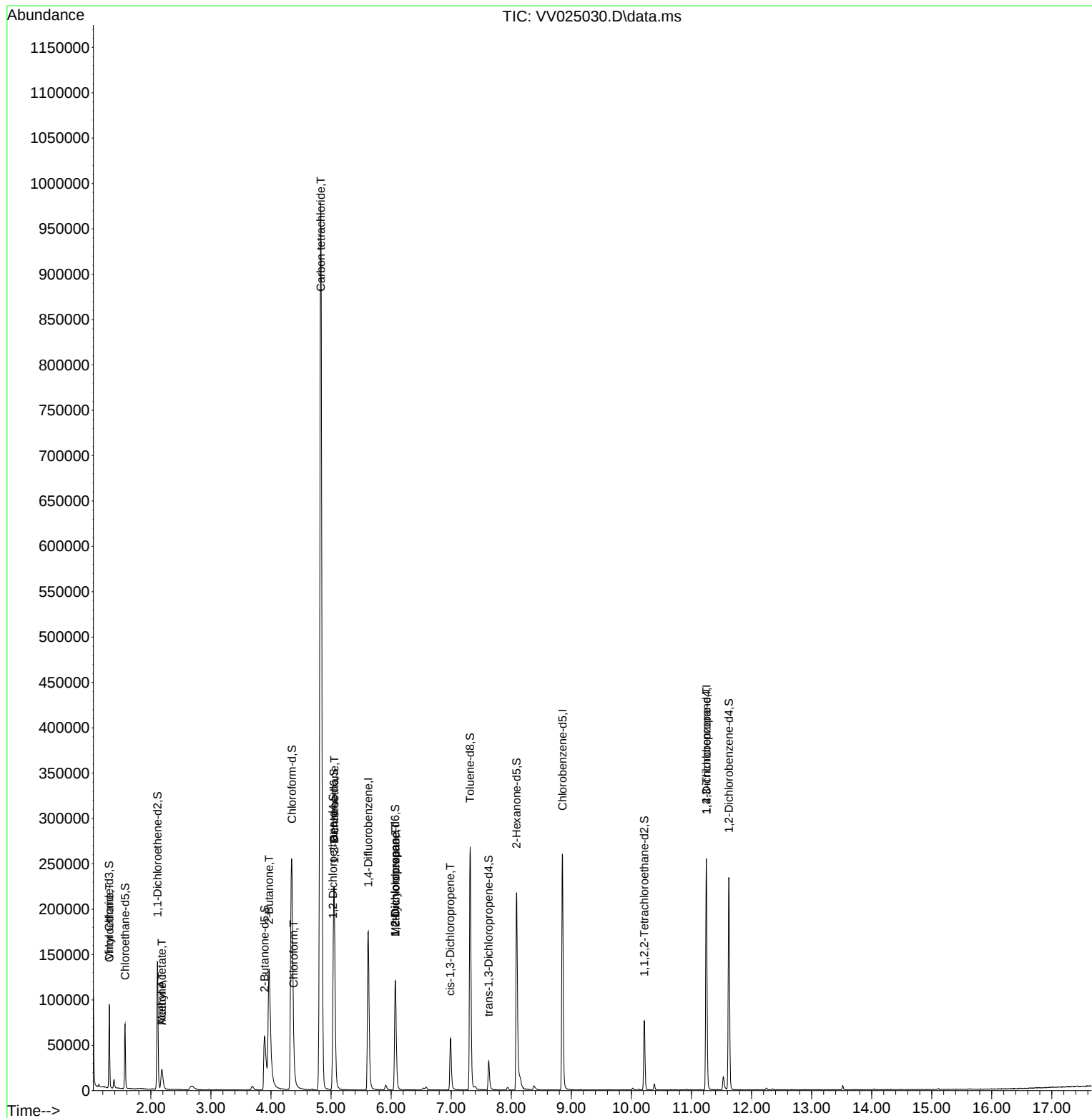
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	156184	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	148868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58448	4.740	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.571	69	45555	5.045	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.111	63	74386	3.733	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	3.892	46	106237	71.291	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.580%#	
24) Chloroform-d	4.349	84	102148	4.995	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.034	65	46095	5.391	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.050	84	215410	4.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6	6.069	67	63391	5.105	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.317	98	180885	4.596	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	7.625	79	20288	4.686	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.088	63	78393	53.089	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38704	5.298	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59183	5.296	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.000%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.310	64	655	0.079	ug/L #	1
13) Acetone	2.182	43	35663	35.784	ug/L	81
15) Methyl Acetate	2.182	43	34254	12.545	ug/L #	44
21) 2-Butanone	3.969	43	241562	153.568	ug/L	79
25) Chloroform	4.378	83	4137	0.195	ug/L	93
27) 1,2-Dichloroethane	5.056	62	1054	0.100	ug/L #	71
31) Carbon tetrachloride	4.828	117	739522	45.403	ug/L	99
35) Methylcyclohexane	6.072	83	14877	0.729	ug/L #	24
37) 1,2-Dichloropropane	6.072	63	6706	0.603	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1501	0.097	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	8275	1.491	ug/L #	67

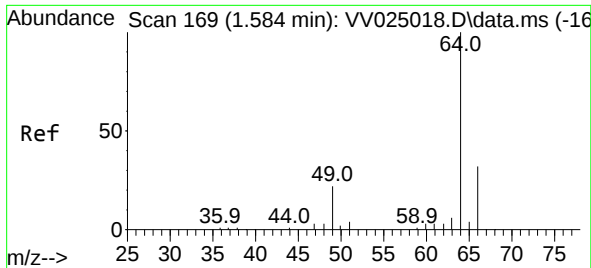
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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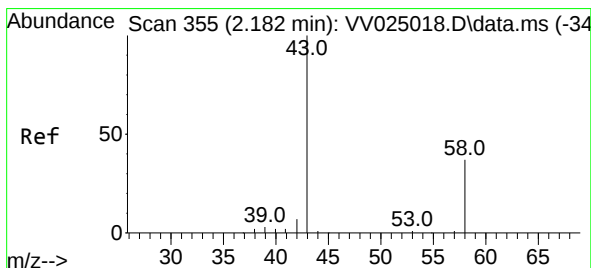
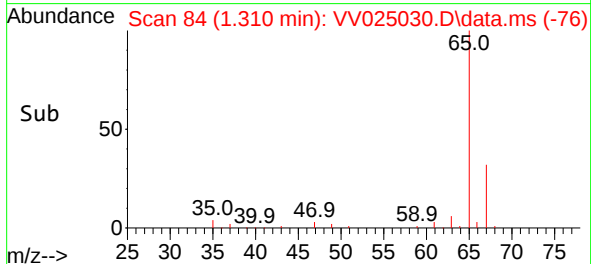
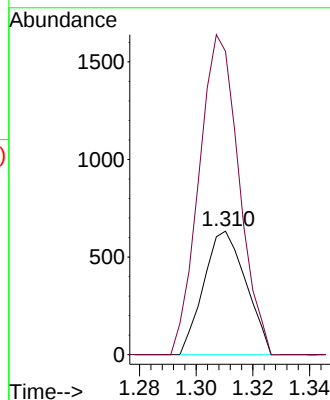
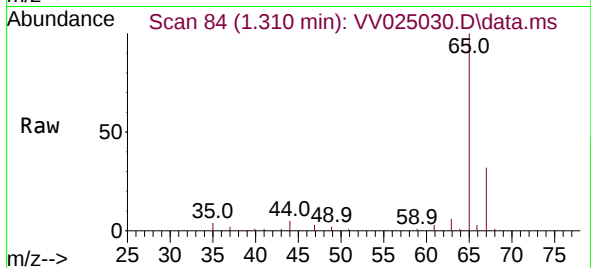




#8
Chloroethane
Concen: 0.079 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV025030.D
Acq: 16 Mar 2022 04:42

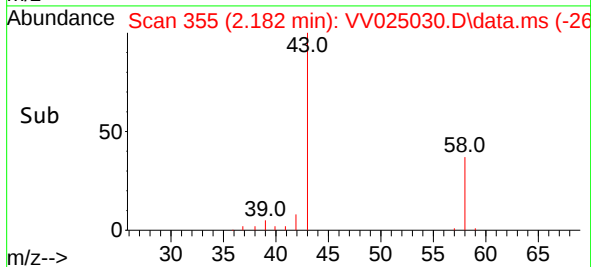
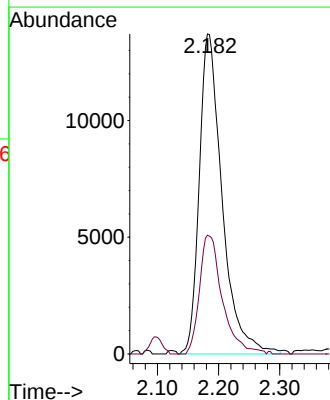
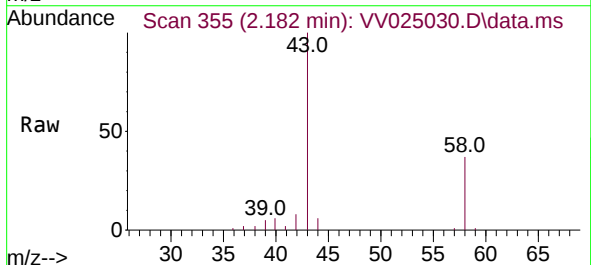
Instrument :
MSVOA_V
ClientSampleId :
GBDD2

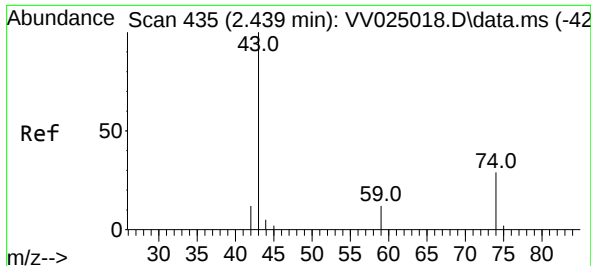
Tgt Ion: 64 Resp: 655
Ion Ratio Lower Upper
64 100
66 245.5 22.5 41.7#



#13
Acetone
Concen: 35.784 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.000 min
Lab File: VV025030.D
Acq: 16 Mar 2022 04:42

Tgt Ion: 43 Resp: 35663
Ion Ratio Lower Upper
43 100
58 37.0 0.0 54.2

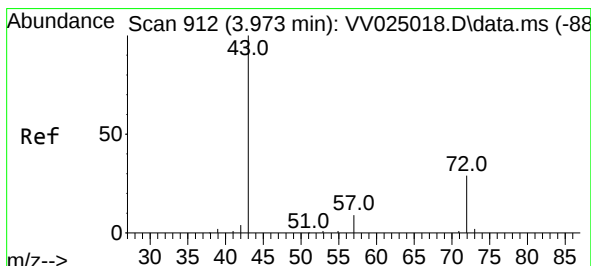
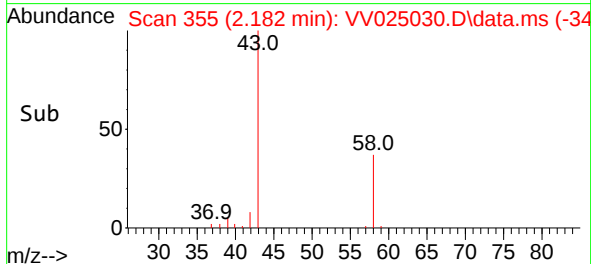
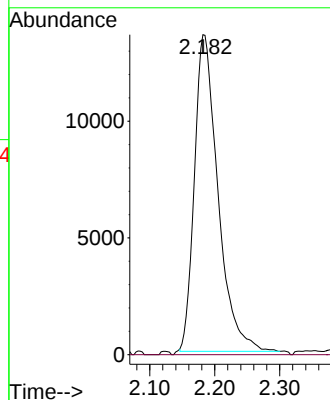
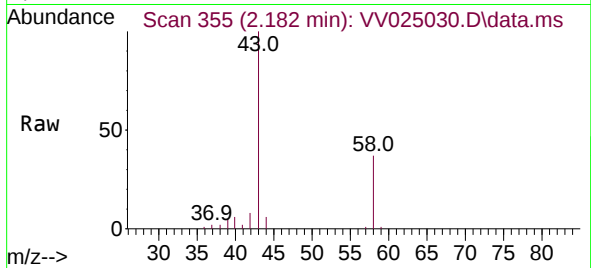




#15
Methyl Acetate
Concen: 12.545 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV025030.D
Acq: 16 Mar 2022 04:42

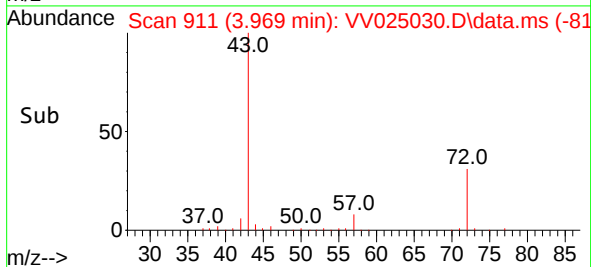
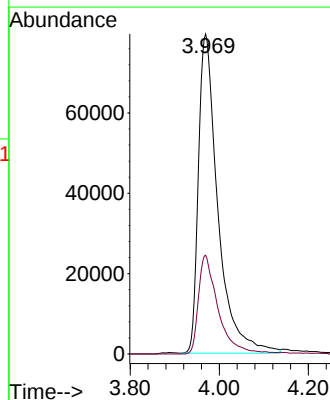
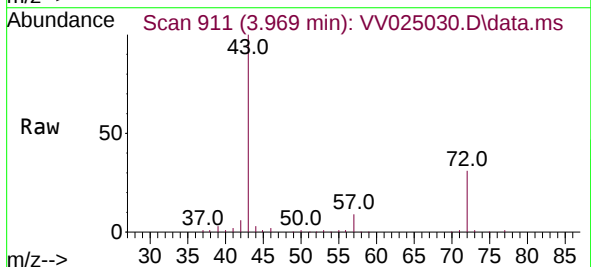
Instrument :
MSVOA_V
ClientSampleId :
GBDD2

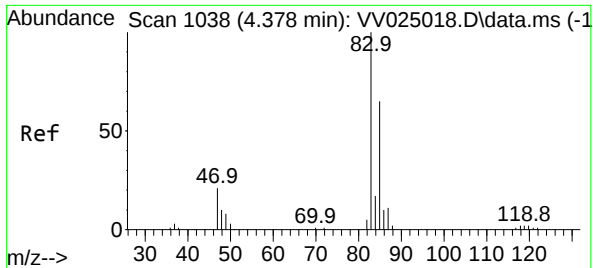
Tgt Ion: 43 Resp: 34254
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#21
2-Butanone
Concen: 153.568 ug/L
RT: 3.969 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV025030.D
Acq: 16 Mar 2022 04:42

Tgt Ion: 43 Resp: 241562
Ion Ratio Lower Upper
43 100
72 30.8 10.4 31.2

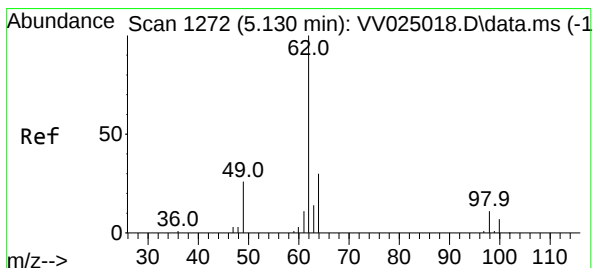
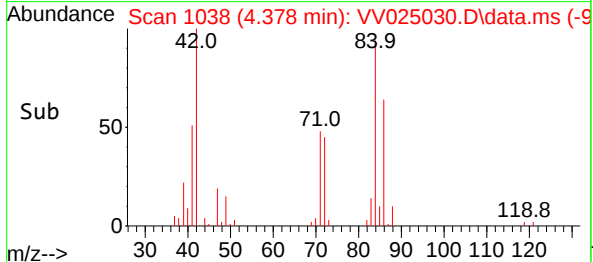
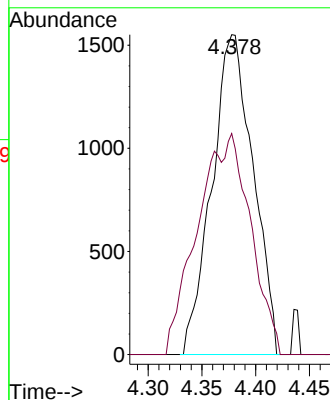
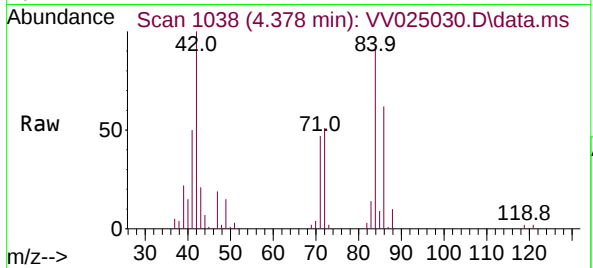




#25
Chloroform
Concen: 0.195 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV025030.D
Acq: 16 Mar 2022 04:42

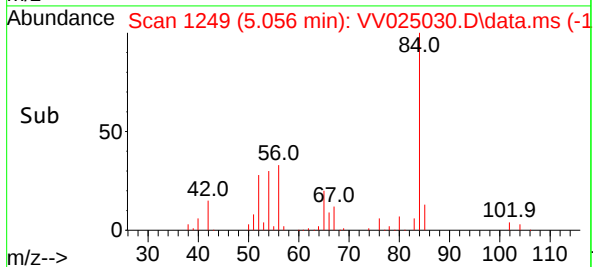
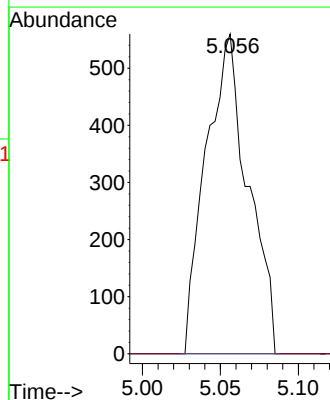
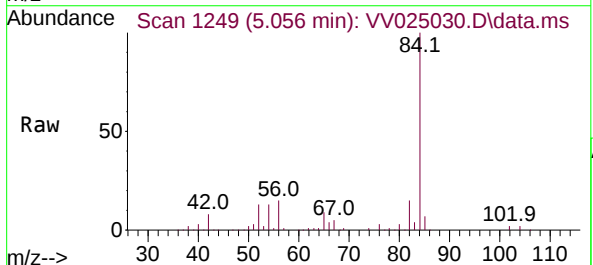
Instrument :
MSVOA_V
ClientSampleId :
GBDD2

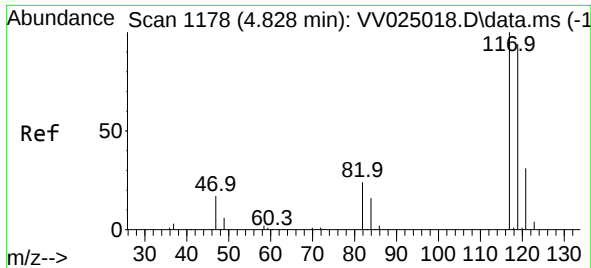
Tgt Ion: 83 Resp: 4137
Ion Ratio Lower Upper
83 100
85 69.1 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.100 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV025030.D
Acq: 16 Mar 2022 04:42

Tgt Ion: 62 Resp: 1054
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

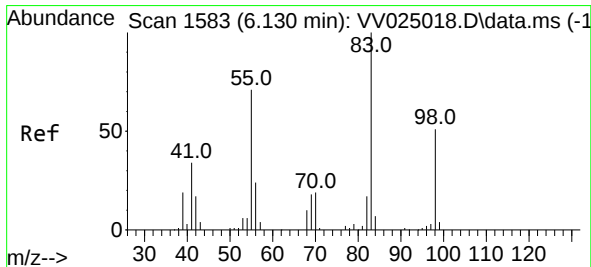
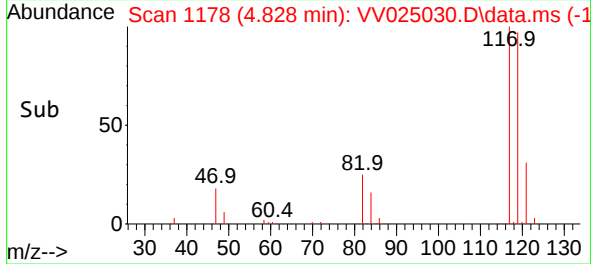
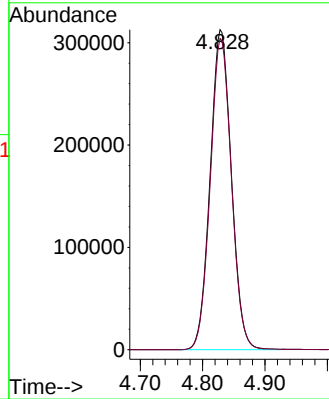
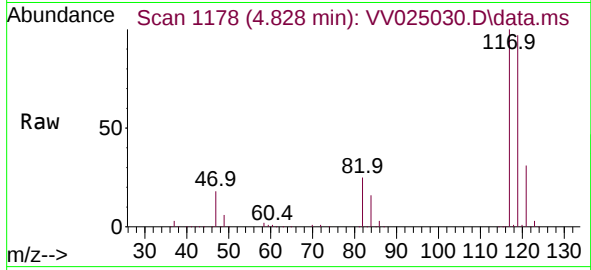




#31
Carbon tetrachloride
Concen: 45.403 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV025030.D
Acq: 16 Mar 2022 04:42

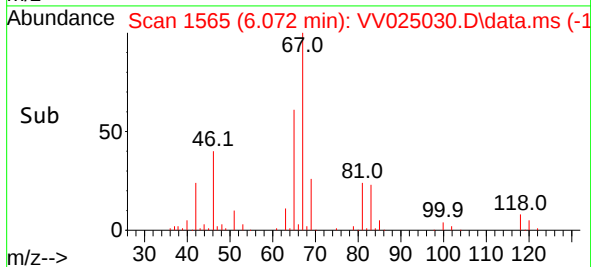
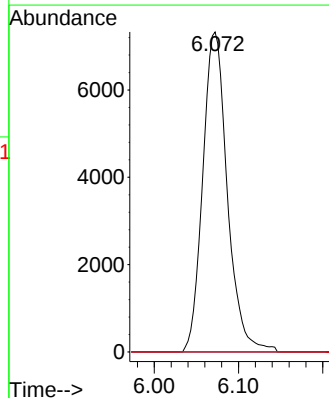
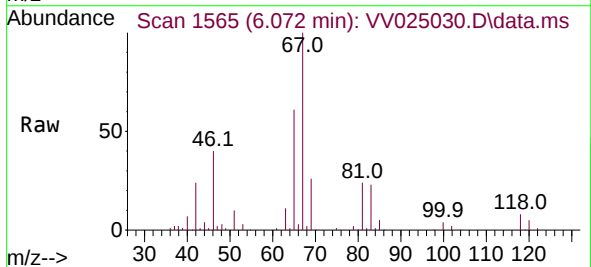
Instrument :
MSVOA_V
ClientSampleId :
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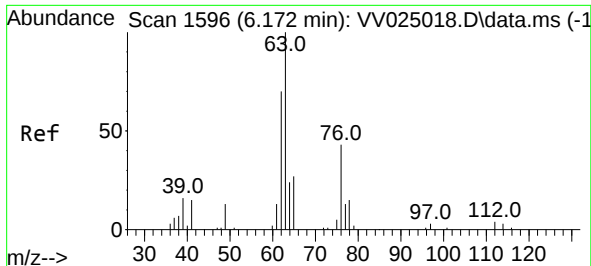
Tgt Ion:117 Resp: 739522
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2



#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV025030.D
Acq: 16 Mar 2022 04:42

Tgt Ion: 83 Resp: 14877
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 4.9 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025030.D

Acq: 16 Mar 2022 04:42

Instrument :

MSVOA_V

ClientSampleId :

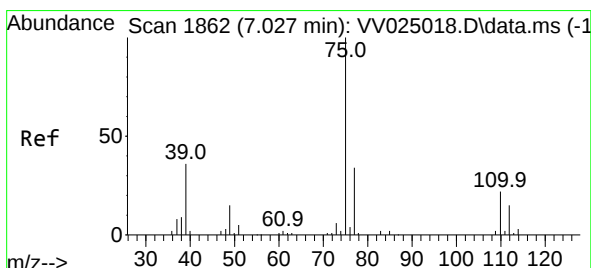
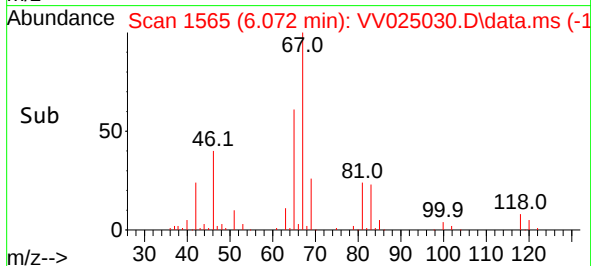
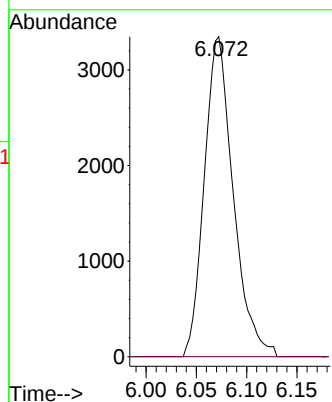
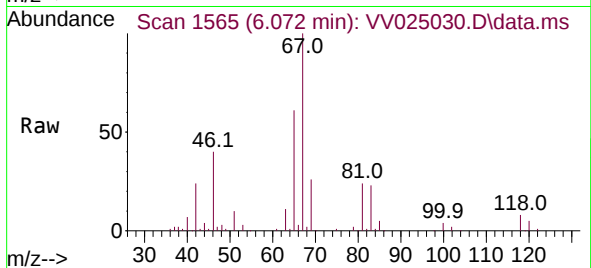
GBDD2

Tgt Ion: 63 Resp: 6706

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV025030.D

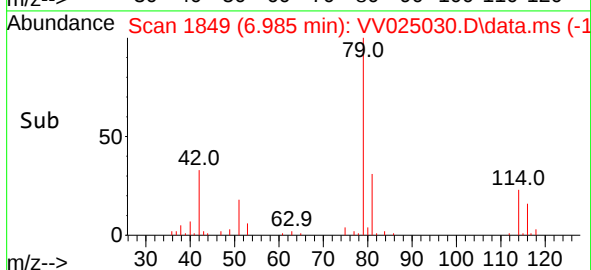
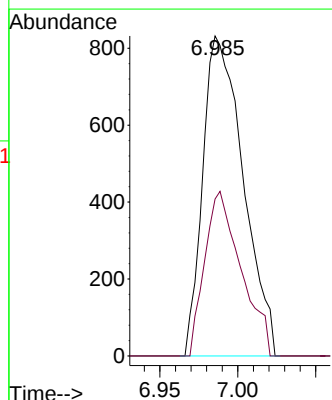
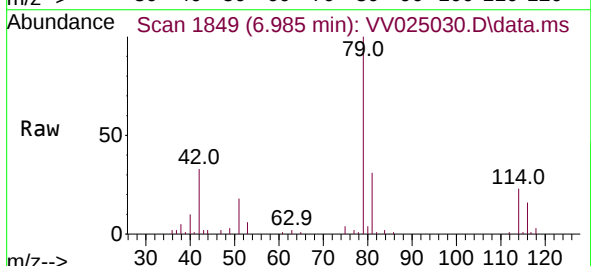
Acq: 16 Mar 2022 04:42

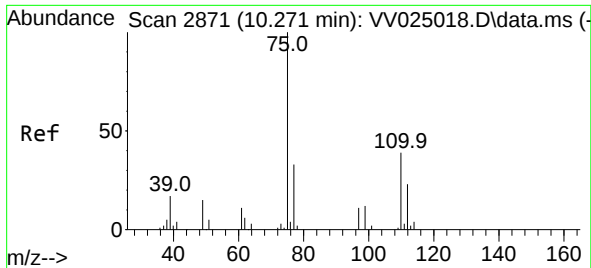
Tgt Ion: 75 Resp: 1501

Ion Ratio Lower Upper

75 100

77 49.0 23.0 42.8#





#61

1,2,3-Trichloropropane

Concen: 1.491 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV025030.D

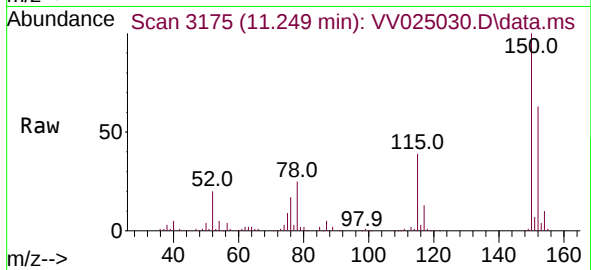
Acq: 16 Mar 2022 04:42

Instrument :

MSVOA_V

ClientSampleId :

GBDD2



Tgt Ion: 75 Resp: 8275

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

110 2.5 31.2 46.8#

