

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025028.D
 Acq On : 16 Mar 2022 03:55
 Operator : SY/MD
 Sample : N1933-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDD0

Quant Time: Mar 16 06:50:08 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)

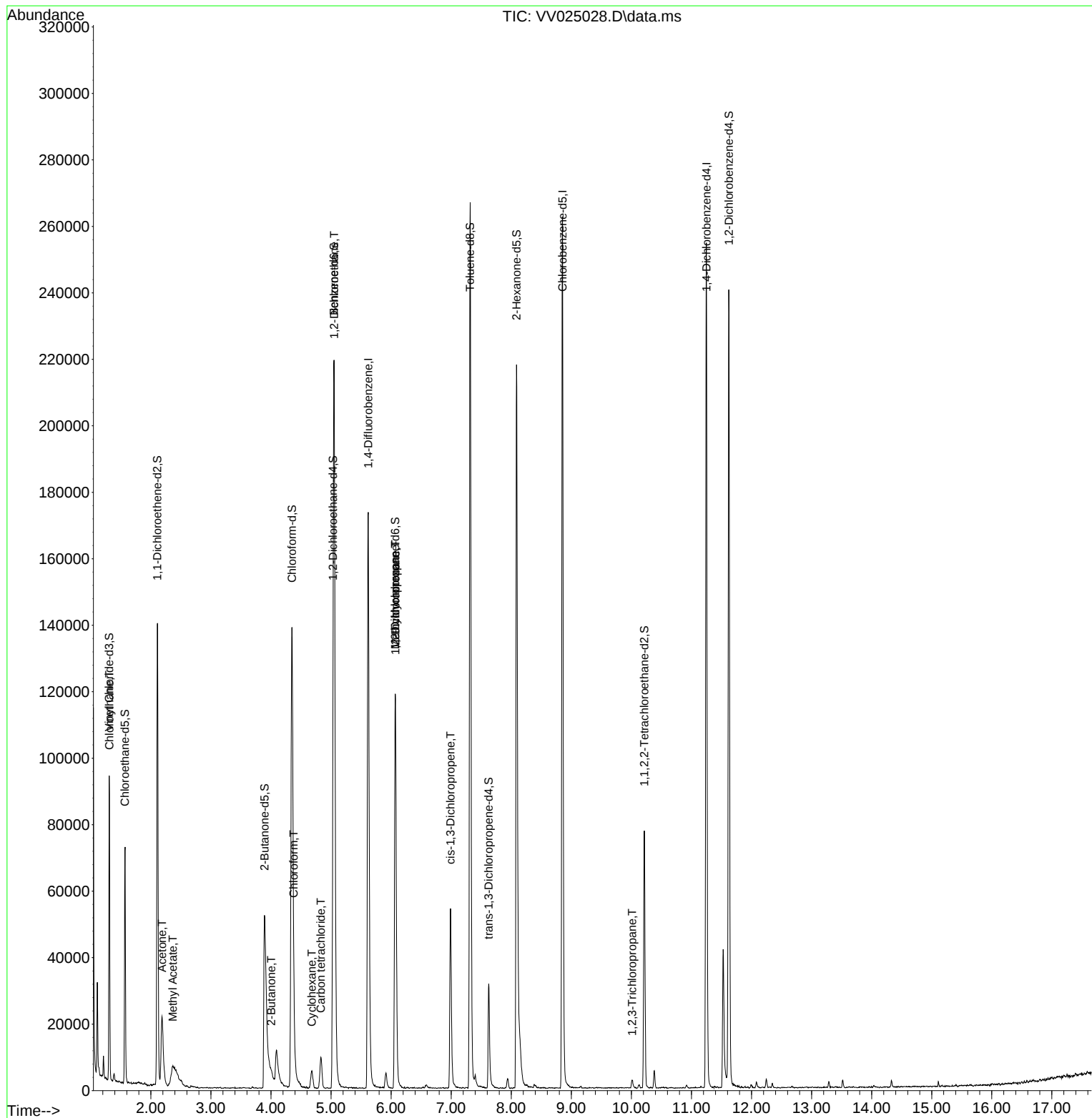
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	156548	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	148581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57952	4.689	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.800%	
7) Chloroethane-d5	1.568	69	45080	4.981	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.108	63	73083	3.659	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	3.892	46	102646	68.721	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	137.440%#	
24) Chloroform-d	4.349	84	102374	4.994	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.034	65	45862	5.351	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.050	84	212908	4.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.069	67	63318	5.109	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.317	98	179072	4.559	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	7.625	79	19789	4.580	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.088	63	78699	53.400	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38915	5.337	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	60388	5.475	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.311	64	732	0.088	ug/L #	1
13) Acetone	2.185	43	34660	34.696	ug/L	81
15) Methyl Acetate	2.365	43	1541	0.563	ug/L #	44
21) 2-Butanone	4.005	43	6018	3.817	ug/L	85
25) Chloroform	4.378	83	2592	0.122	ug/L	93
27) 1,2-Dichloroethane	5.053	62	984	0.093	ug/L #	71
30) Cyclohexane	4.677	56	3019	0.164	ug/L #	90
31) Carbon tetrachloride	4.831	117	7551	0.464	ug/L	98
35) Methylcyclohexane	6.069	83	15077	0.740	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6276	0.565	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1413	0.092	ug/L #	77
61) 1,2,3-Trichloropropane	10.011	75	1462	0.267	ug/L #	39

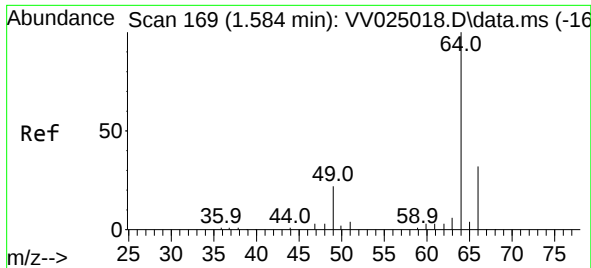
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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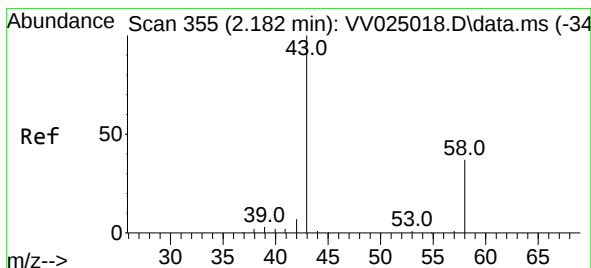
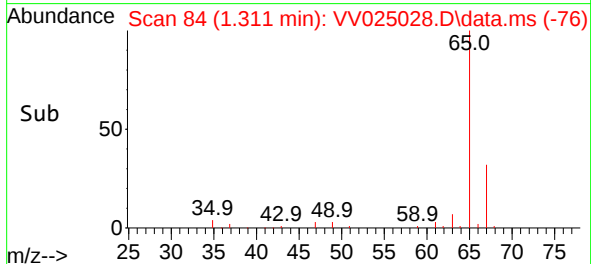
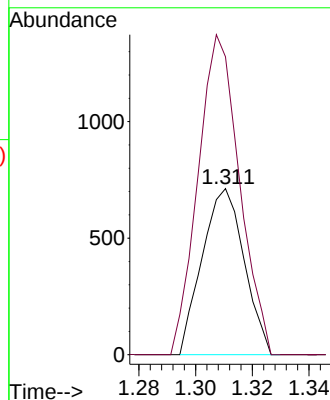
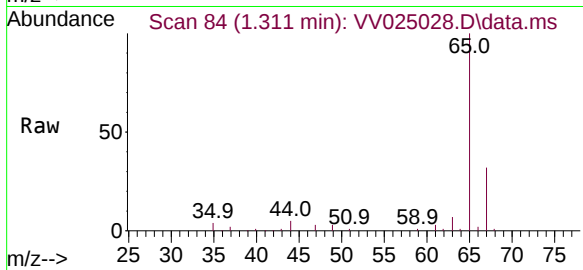




#8
Chloroethane
Concen: 0.088 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV025028.D
Acq: 16 Mar 2022 03:55

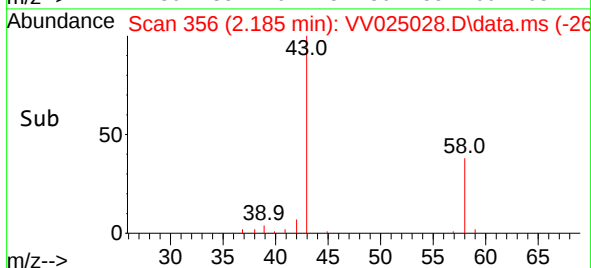
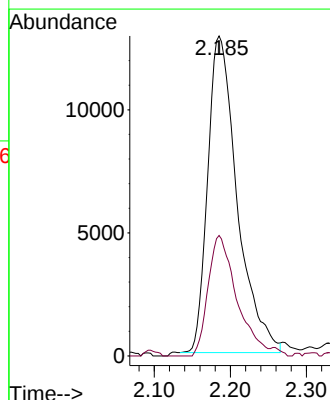
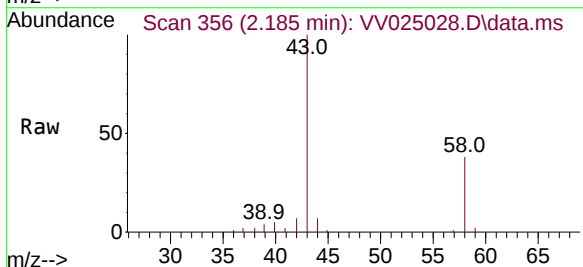
Instrument :
MSVOA_V
ClientSampleId :
GBDD0

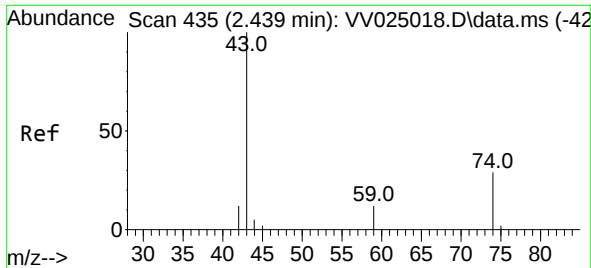
Tgt Ion: 64 Resp: 732
Ion Ratio Lower Upper
64 100
66 179.2 22.5 41.7#



#13
Acetone
Concen: 34.696 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.003 min
Lab File: VV025028.D
Acq: 16 Mar 2022 03:55

Tgt Ion: 43 Resp: 34660
Ion Ratio Lower Upper
43 100
58 36.7 0.0 54.2





#15

Methyl Acetate

Concen: 0.563 ug/L

RT: 2.365 min Scan# 412

Delta R.T. -0.074 min

Lab File: VV025028.D

Acq: 16 Mar 2022 03:55

Instrument :

MSVOA_V

ClientSampleId :

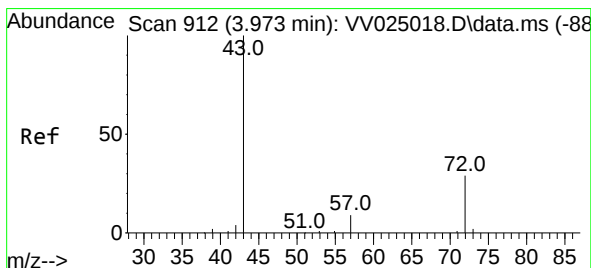
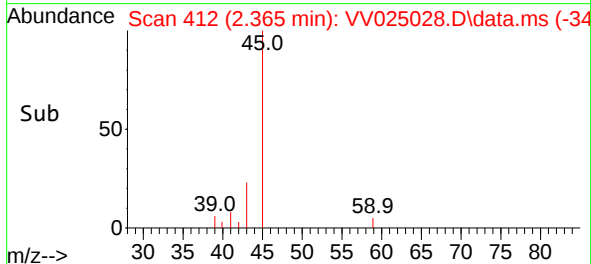
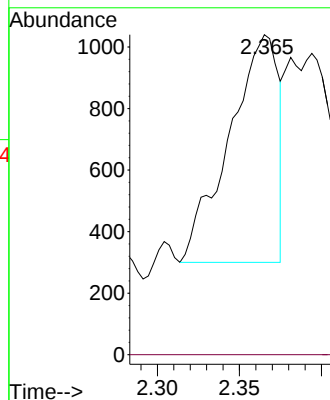
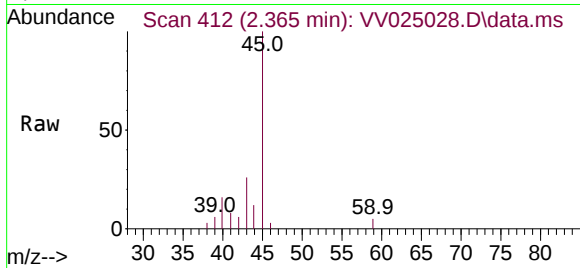
GBDD0

Tgt Ion: 43 Resp: 1541

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.4#



#21

2-Butanone

Concen: 3.817 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.032 min

Lab File: VV025028.D

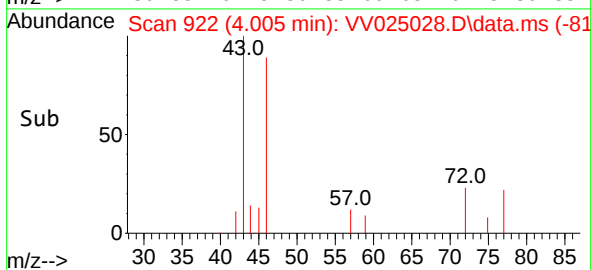
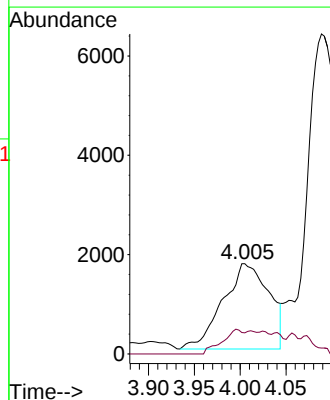
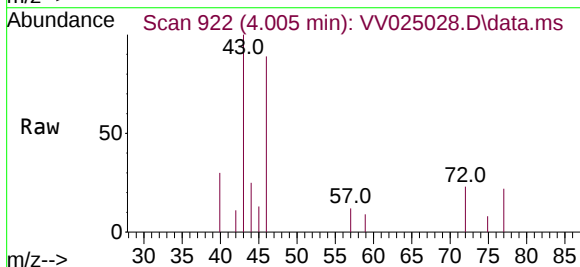
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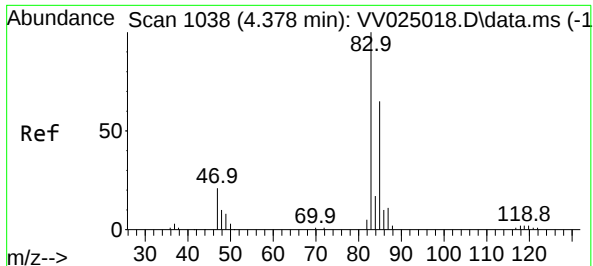
Tgt Ion: 43 Resp: 6018

Ion Ratio Lower Upper

43 100

72 13.7 10.4 31.2

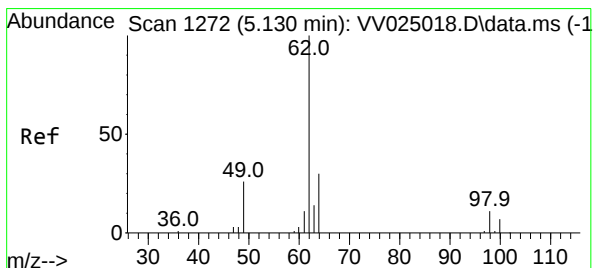
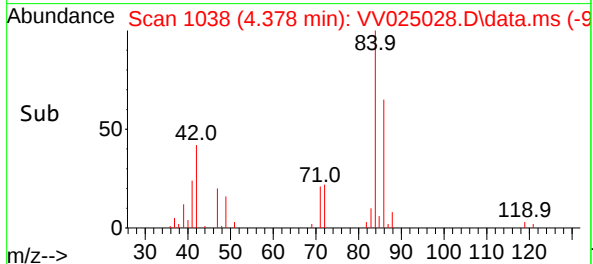
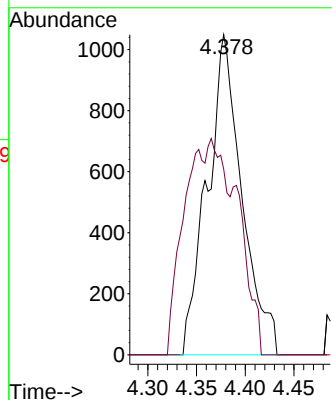
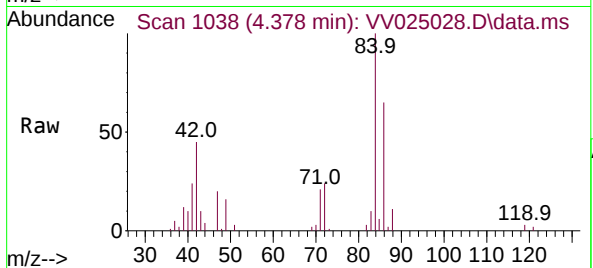




#25
Chloroform
Concen: 0.122 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025028.D
Acq: 16 Mar 2022 03:55

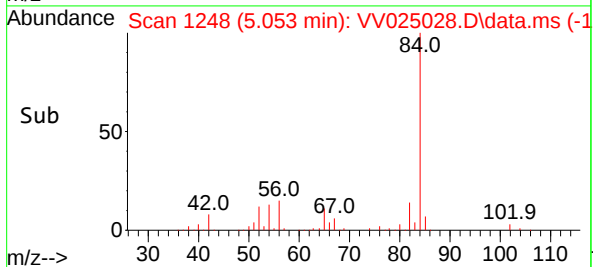
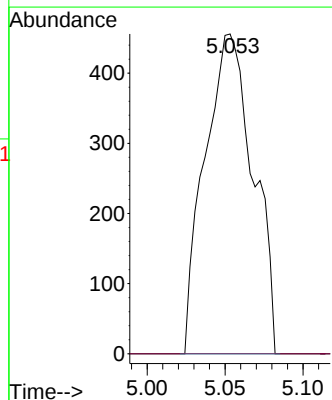
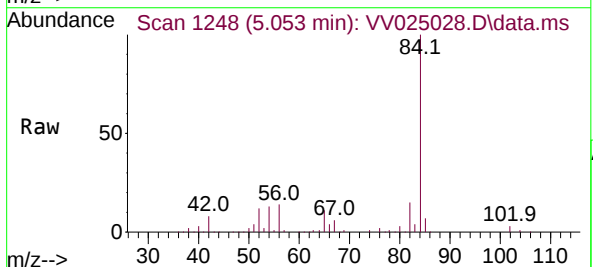
Instrument :
MSVOA_V
ClientSampleId :
GBDD0

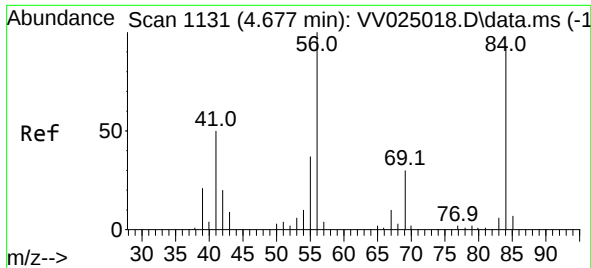
Tgt Ion: 83 Resp: 2592
Ion Ratio Lower Upper
83 100
85 58.0 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV025028.D
Acq: 16 Mar 2022 03:55

Tgt Ion: 62 Resp: 984
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

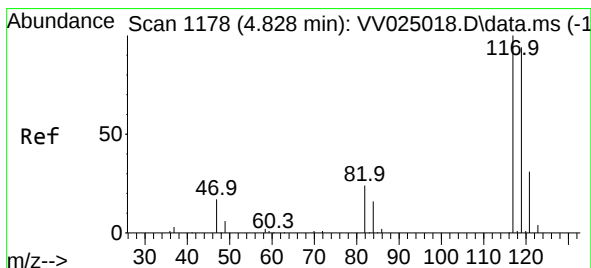
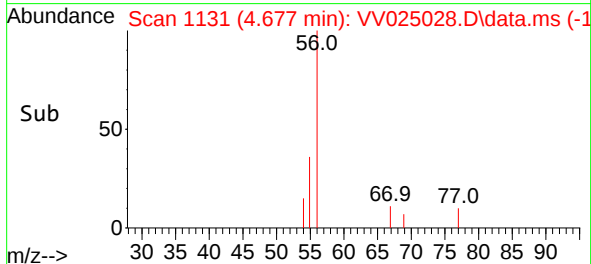
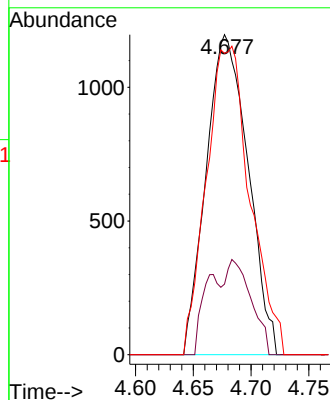
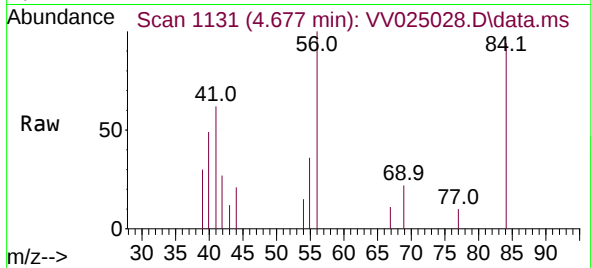




#30
Cyclohexane
Concen: 0.164 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV025028.D
Acq: 16 Mar 2022 03:55

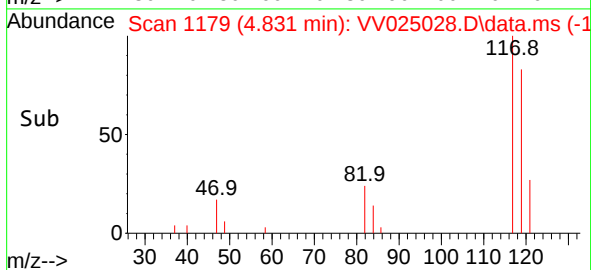
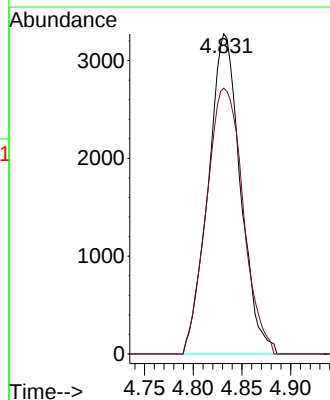
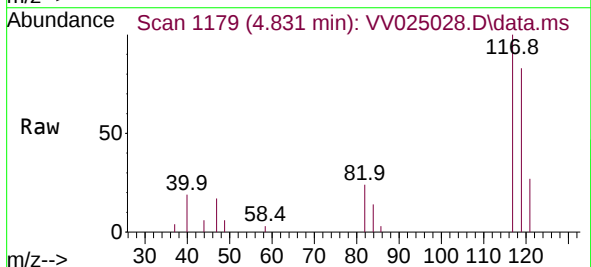
Instrument :
MSVOA_V
ClientSampleId :
GBDD0

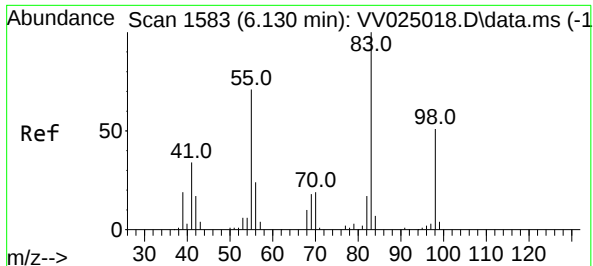
Tgt Ion: 56 Resp: 3019
Ion Ratio Lower Upper
56 100
69 18.5 24.9 37.3#
84 100.3 75.9 113.9



#31
Carbon tetrachloride
Concen: 0.464 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV025028.D
Acq: 16 Mar 2022 03:55

Tgt Ion: 117 Resp: 7551
Ion Ratio Lower Upper
117 100
119 94.1 76.8 115.2





#35

Methylcyclohexane

Concen: 0.740 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV025028.D

Acq: 16 Mar 2022 03:55

Instrument :

MSVOA_V

ClientSampleId :

GBDD0

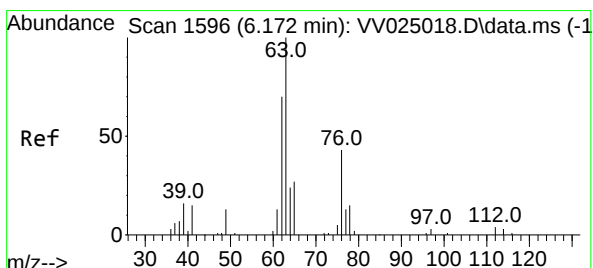
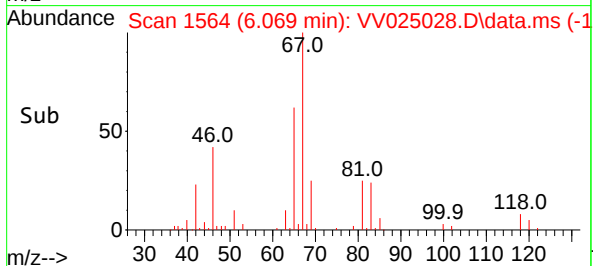
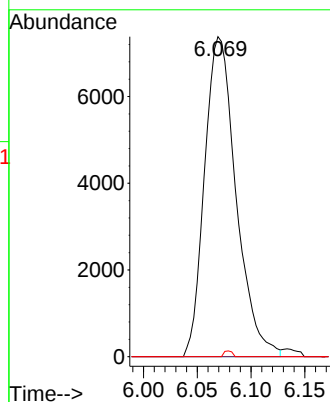
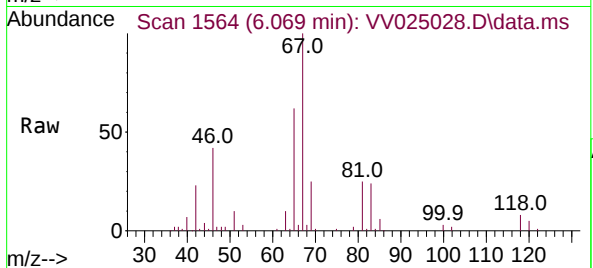
Tgt Ion: 83 Resp: 15077

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.5 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV025028.D

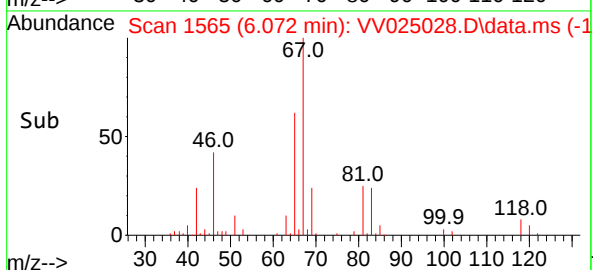
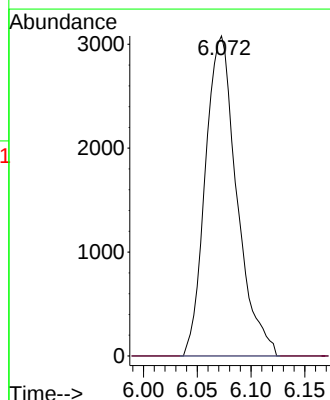
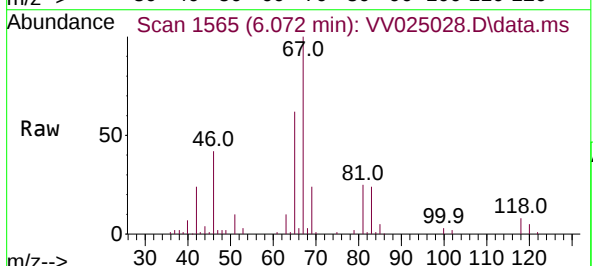
Acq: 16 Mar 2022 03:55

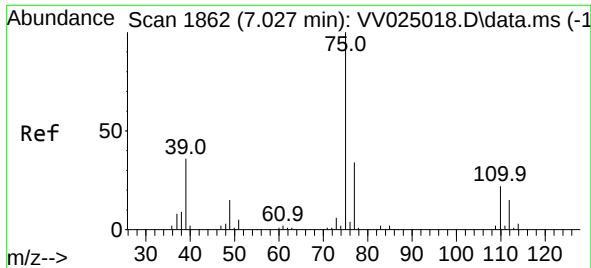
Tgt Ion: 63 Resp: 6276

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV025028.D

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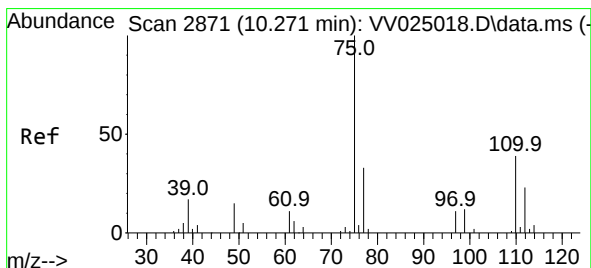
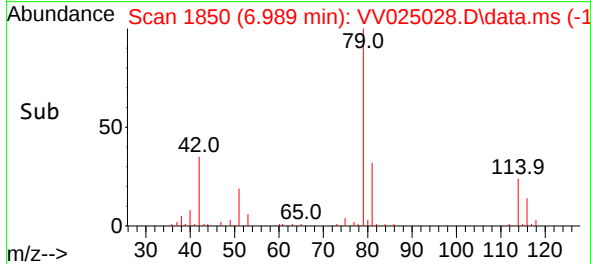
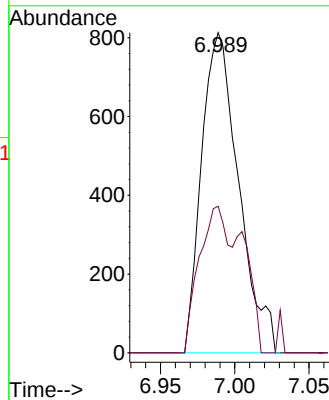
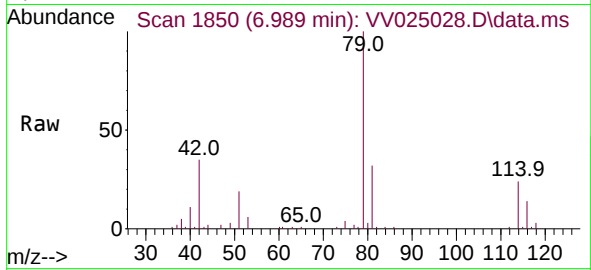
GBDD0

Tgt Ion: 75 Resp: 1413

Ion Ratio Lower Upper

75 100

77 45.8 23.0 42.8#



#61

1,2,3-Trichloropropane

Concen: 0.267 ug/L

RT: 10.011 min Scan# 2790

Delta R.T. -0.260 min

Lab File: VV025028.D

Acq: 16 Mar 2022 03:55

Tgt Ion: 75 Resp: 1462

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

110 0.0 31.2 46.8#

