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 Data File : VW025001.D
 Acq On : 15 Mar 2022 16:59
 Operator : SY/MD
 Sample : N1934-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

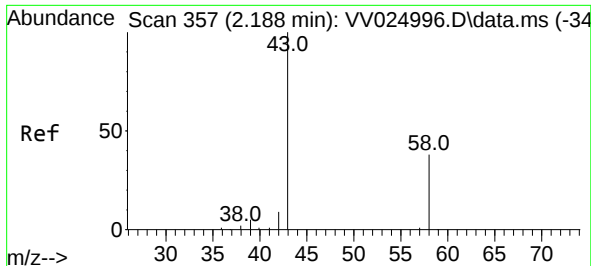
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDD3

Quant Time: Mar 16 03:39:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:30:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	211791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	194422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	88652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56438	3.375	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.568	69	45076	3.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.108	63	73633	2.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.400%#
20) 2-Butanone-d5	3.908	46	65121	32.226	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.460%
24) Chloroform-d	4.352	84	103054	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	5.034	65	42790	3.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
32) Benzene-d6	5.050	84	209379	3.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
36) 1,2-Dichloropropane-d6	6.069	67	62755	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.317	98	185333	3.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.625	79	20038	3.544	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.088	63	72158	37.417	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37892	3.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	59669	3.976	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
13) Acetone	2.191	43	5883	4.353	ug/L	99
14) Carbon disulfide	2.297	76	11096	0.230	ug/L	100
15) Methyl Acetate	2.452	43	3686	0.996	ug/L	98
25) Chloroform	4.378	83	44414	1.544	ug/L	98
27) 1,2-Dichloroethane	5.050	62	1036	0.072	ug/L #	71
31) Carbon tetrachloride	4.828	117	4364	0.205	ug/L	98
35) Methylcyclohexane	6.072	83	15225	0.571	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6747	0.464	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1413	0.070	ug/L #	67
61) 1,2,3-Trichloropropane	11.246	75	11629	1.560	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.918	105	1086	0.036	ug/L	86
70) 1,2,4-trichlorobenzene	13.262	180	834	0.052	ug/L #	76

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



#13

Acetone

Concen: 4.353 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.003 min

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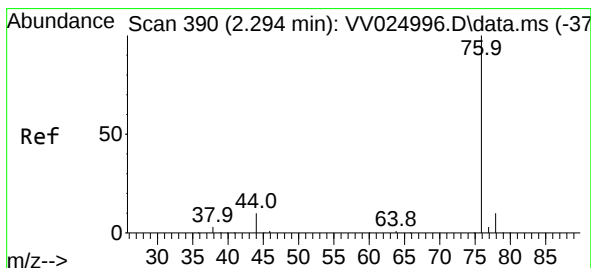
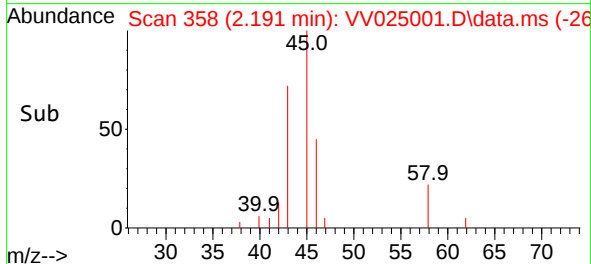
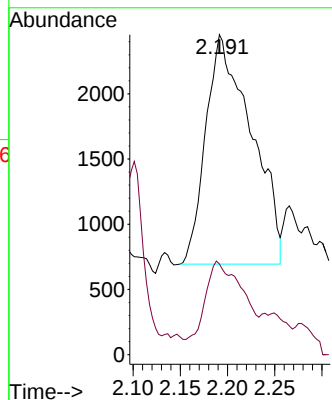
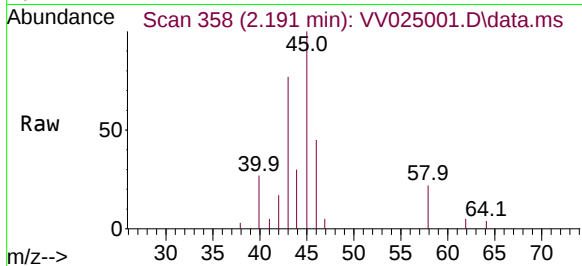
GBDD3

Tgt Ion: 43 Resp: 5883

Ion Ratio Lower Upper

43 100

58 26.8 0.0 54.2



#14

Carbon disulfide

Concen: 0.230 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025001.D

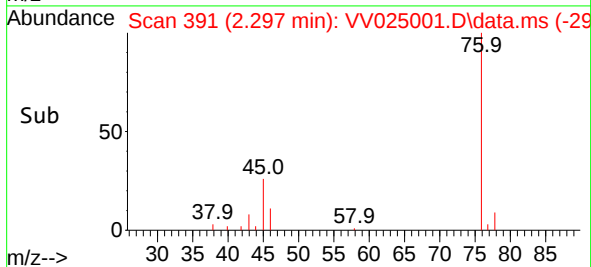
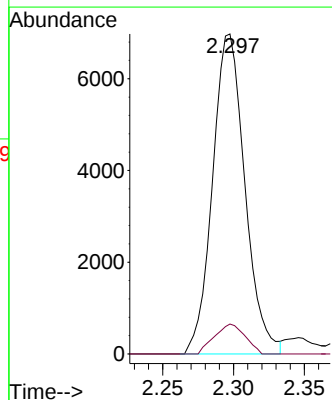
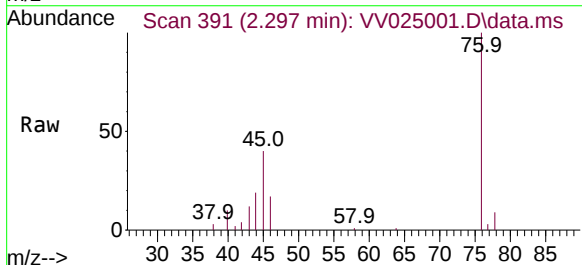
Acq: 15 Mar 2022 16:59

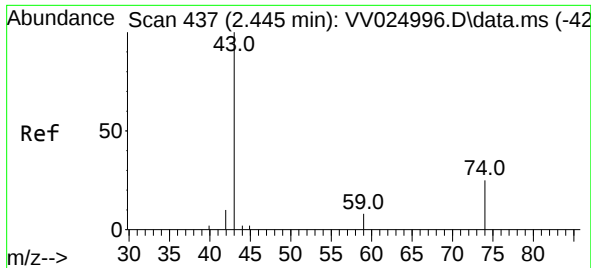
Tgt Ion: 76 Resp: 11096

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

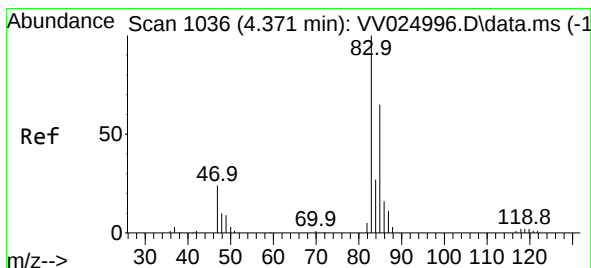
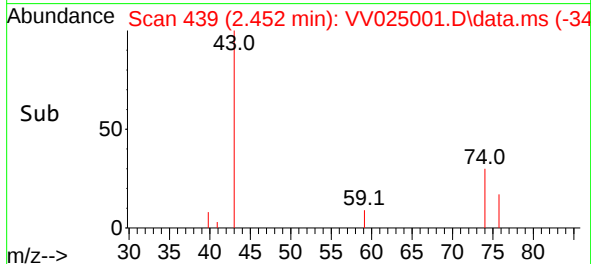
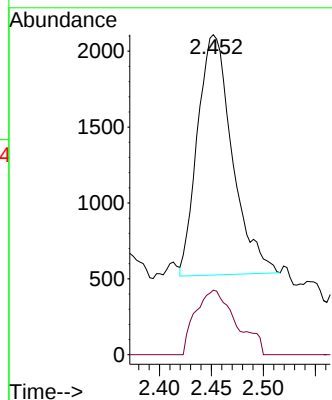
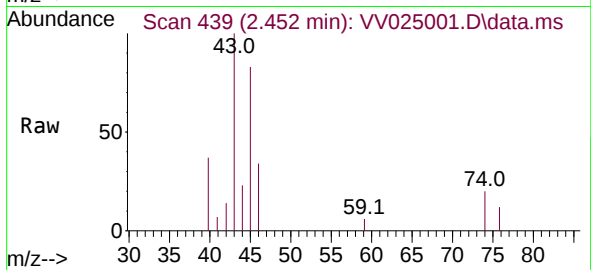




#15
Methyl Acetate
Concen: 0.996 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV025001.D
Acq: 15 Mar 2022 16:59

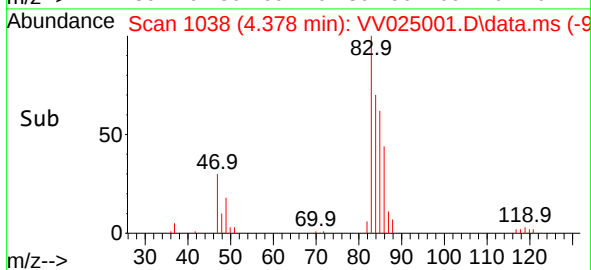
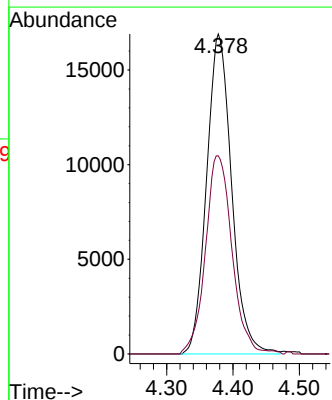
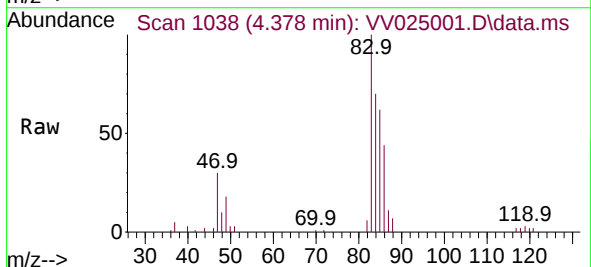
Instrument :
MSVOA_V
ClientSampleId :
GBDD3

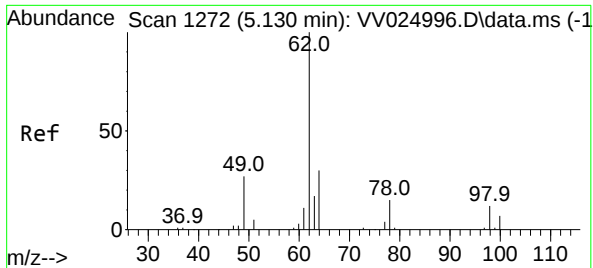
Tgt Ion: 43 Resp: 3686
Ion Ratio Lower Upper
43 100
74 31.4 24.2 36.4



#25
Chloroform
Concen: 1.544 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV025001.D
Acq: 15 Mar 2022 16:59

Tgt Ion: 83 Resp: 44414
Ion Ratio Lower Upper
83 100
85 61.9 44.5 82.7

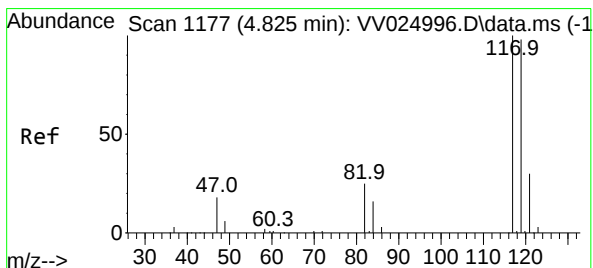
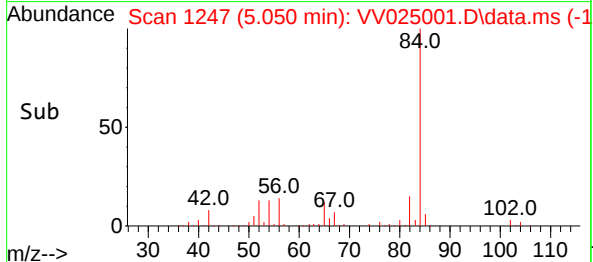
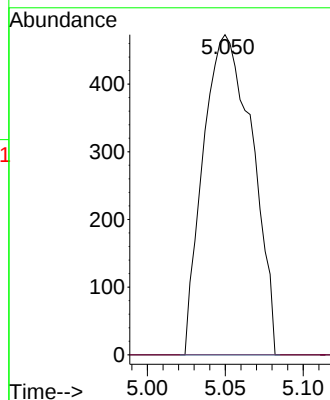
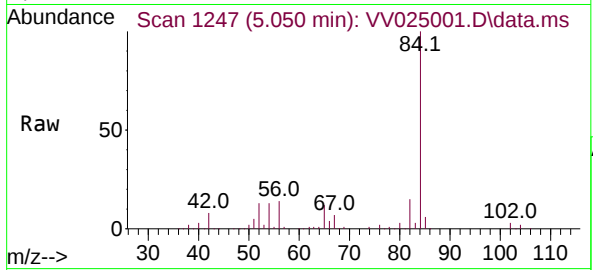




#27
1,2-Dichloroethane
Concen: 0.072 ug/L
RT: 5.050 min Scan# 117
Delta R.T. -0.080 min
Lab File: VV025001.D
Acq: 15 Mar 2022 16:59

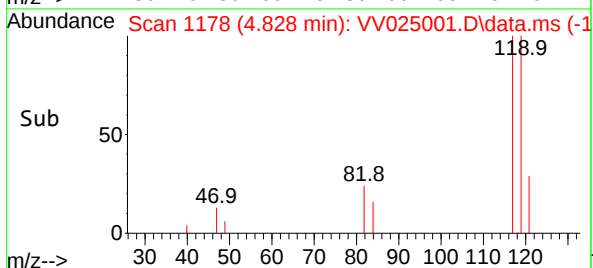
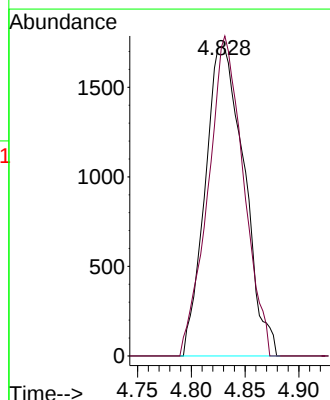
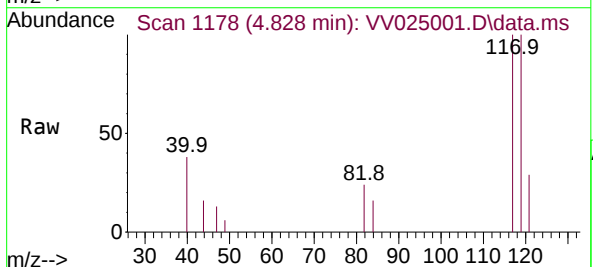
Instrument :
MSVOA_V
ClientSampleId :
GBDD3

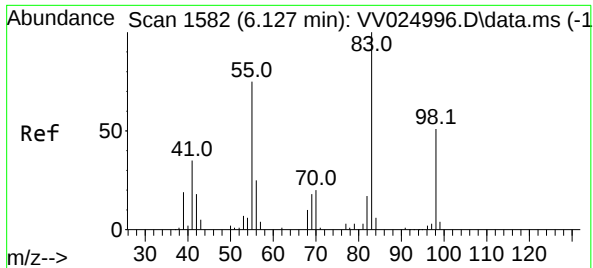
Tgt Ion: 62 Resp: 1036
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#



#31
Carbon tetrachloride
Concen: 0.205 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV025001.D
Acq: 15 Mar 2022 16:59

Tgt Ion: 117 Resp: 4364
Ion Ratio Lower Upper
117 100
119 93.9 76.8 115.2

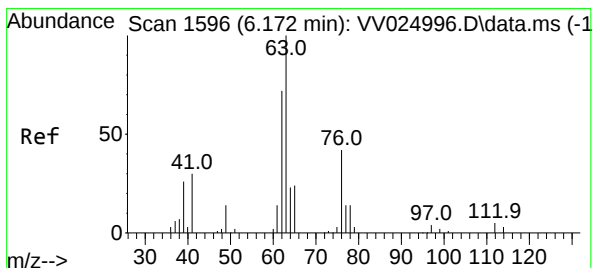
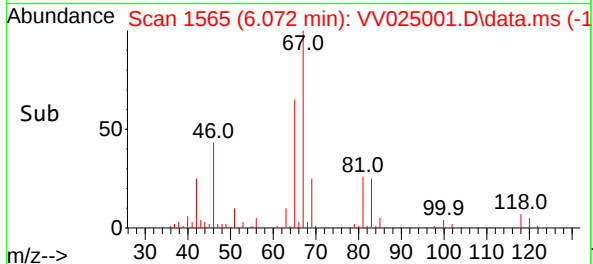
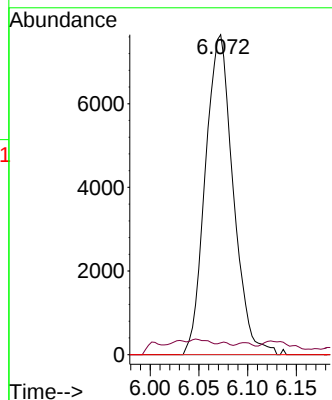
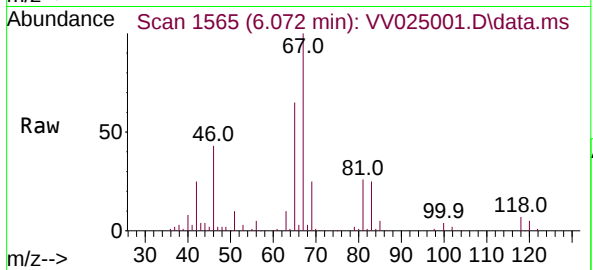




#35
Methylcyclohexane
Concen: 0.571 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025001.D
Acq: 15 Mar 2022 16:59

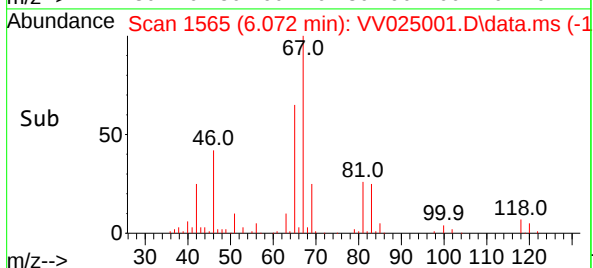
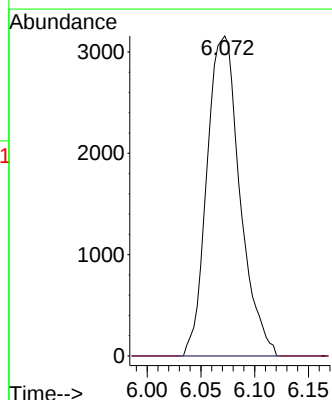
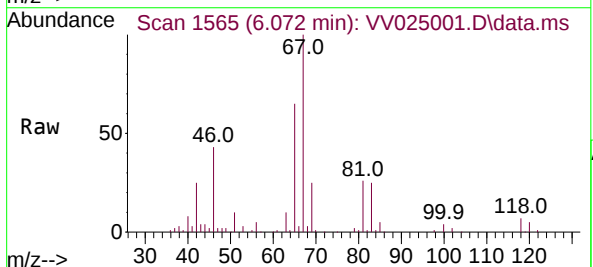
Instrument :
MSVOA_V
ClientSampleId :
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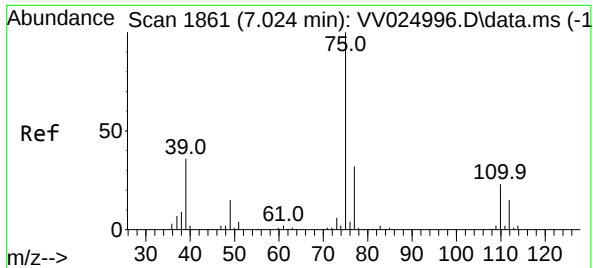
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.3	55.4	83.0#
98	0.0	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV025001.D
Acq: 15 Mar 2022 16:59

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV025001.D

Acq: 15 Mar 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

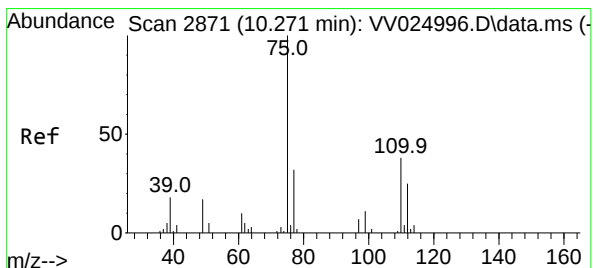
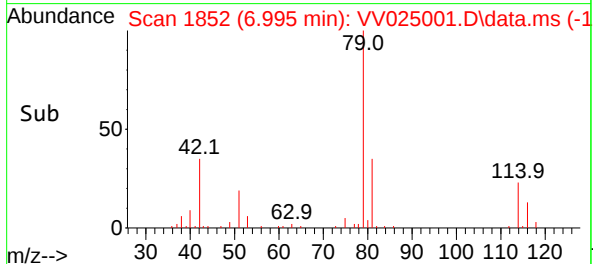
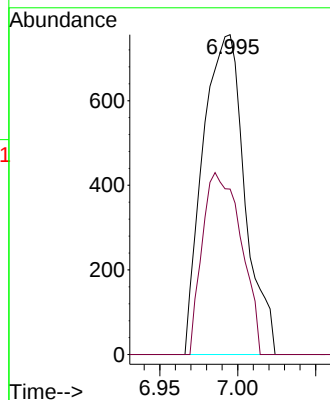
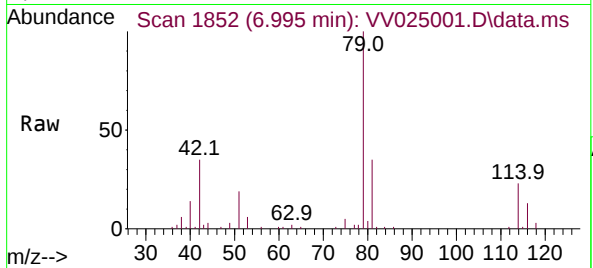
GBDD3

Tgt Ion: 75 Resp: 1413

Ion Ratio Lower Upper

75 100

77 51.7 23.0 42.8#



#61

1,2,3-Trichloropropane

Concen: 1.560 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025001.D

Acq: 15 Mar 2022 16:59

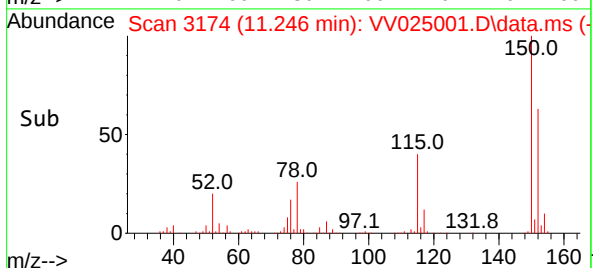
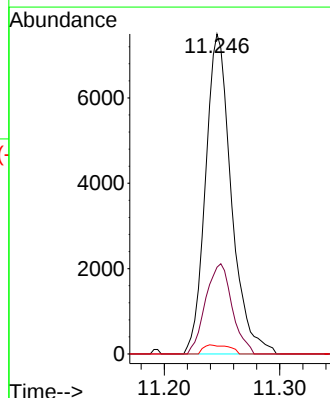
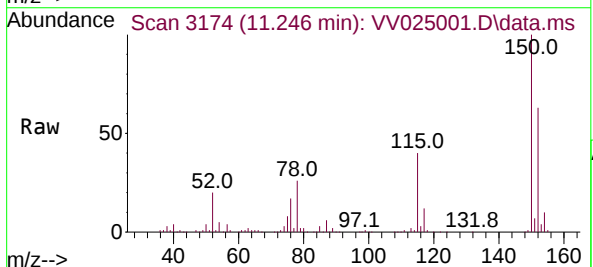
Tgt Ion: 75 Resp: 11629

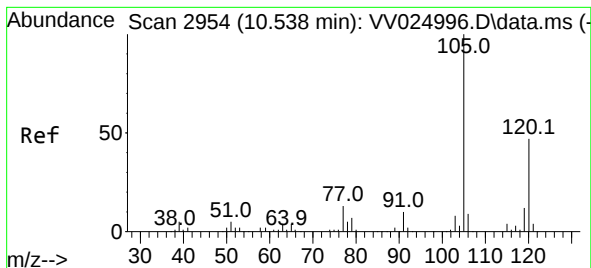
Ion Ratio Lower Upper

75 100

77 28.9 25.7 38.5

110 2.8 31.2 46.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.036 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.379 min

Lab File: VV025001.D

Acq: 15 Mar 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

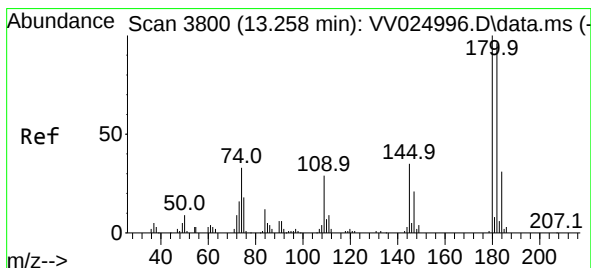
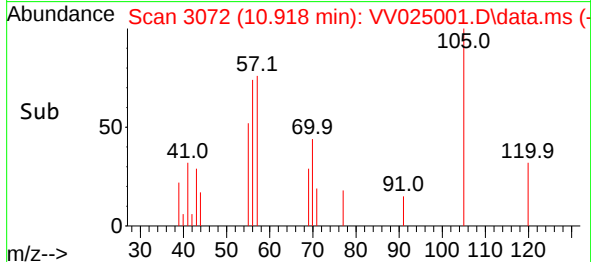
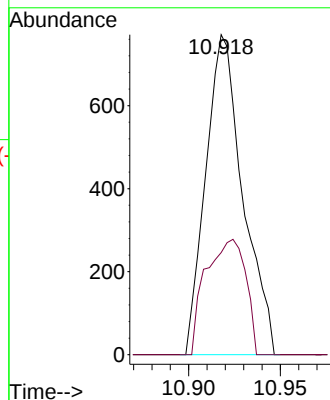
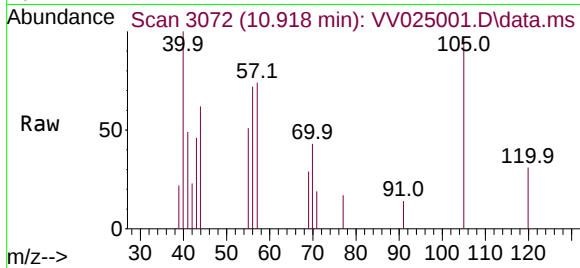
GBDD3

Tgt Ion:105 Resp: 1086

Ion Ratio Lower Upper

105 100

120 38.6 38.5 57.7



#70

1,2,4-trichlorobenzene

Concen: 0.052 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV025001.D

Acq: 15 Mar 2022 16:59

Tgt Ion:180 Resp: 834

Ion Ratio Lower Upper

180 100

182 66.2 74.6 112.0#

145 25.4 26.1 39.1#

