

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025000.D
 Acq On : 15 Mar 2022 16:36
 Operator : SY/MD
 Sample : N1933-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDB6

Quant Time: Mar 16 03:39:08 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)

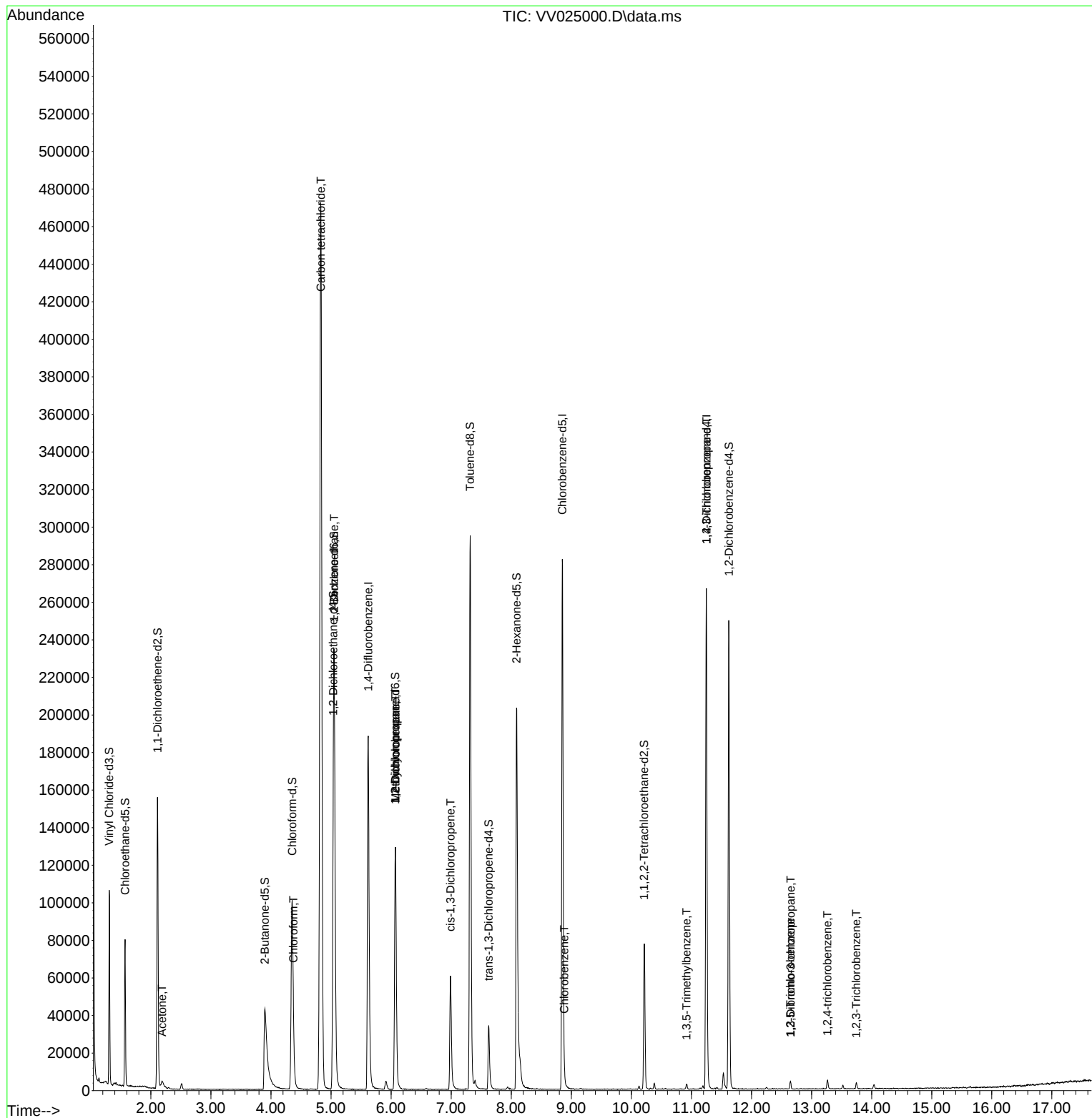
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	170868	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64480	4.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.571	69	48851	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.111	63	80442	3.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.899	46	95115	58.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.680%
24) Chloroform-d	4.352	84	107734	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.037	65	47263	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.050	84	229406	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.069	67	67731	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.316	98	201350	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.625	79	22189	4.796	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.088	63	74632	47.290	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39901	5.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	62968	5.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						Qvalue
13) Acetone	2.185	43	7948	7.290	ug/L	88
25) Chloroform	4.375	83	4417	0.190	ug/L	97
27) 1,2-Dichloroethane	5.053	62	978	0.085	ug/L #	71
31) Carbon tetrachloride	4.828	117	358610	20.600	ug/L	99
35) Methylcyclohexane	6.072	83	15968	0.732	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	7133	0.600	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1322	0.080	ug/L #	61
51) Chlorobenzene	8.882	112	1117	0.033	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	9110	1.561	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.918	105	1533	0.065	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.651	75	185	0.185	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.647	180	1509	0.094	ug/L	92
70) 1,2,4-trichlorobenzene	13.265	180	1673	0.134	ug/L #	84
72) 1,2,3-Trichlorobenzene	13.744	180	1113	0.105	ug/L	95

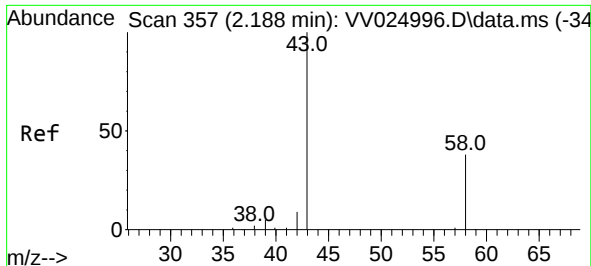
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.290 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV025000.D

Acq: 15 Mar 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

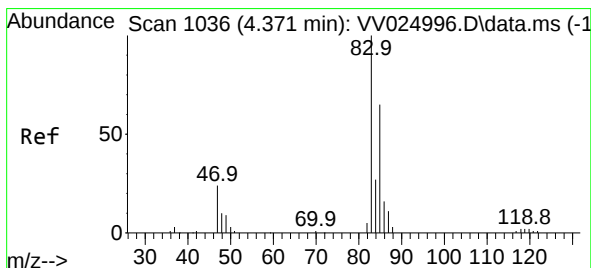
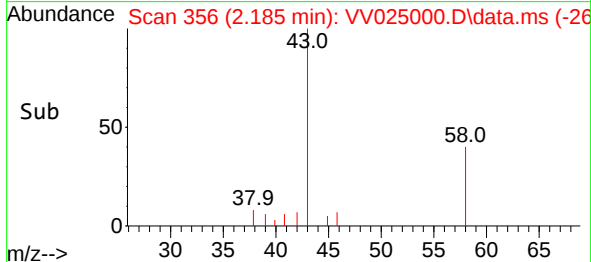
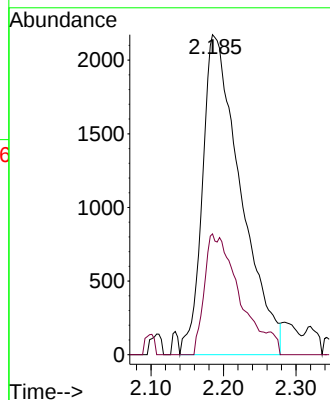
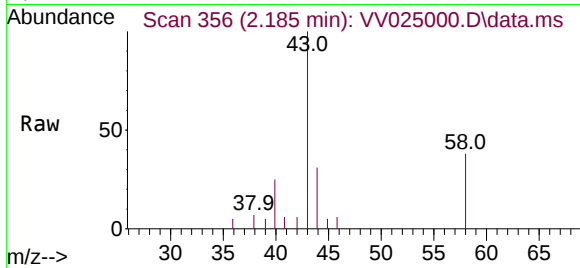
GBDB6

Tgt Ion: 43 Resp: 7948

Ion Ratio Lower Upper

43 100

58 33.4 0.0 54.2



#25

Chloroform

Concen: 0.190 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025000.D

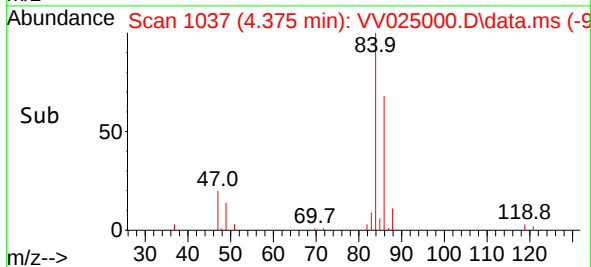
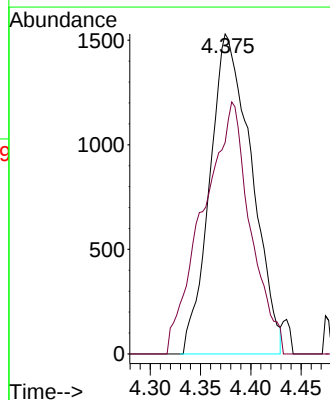
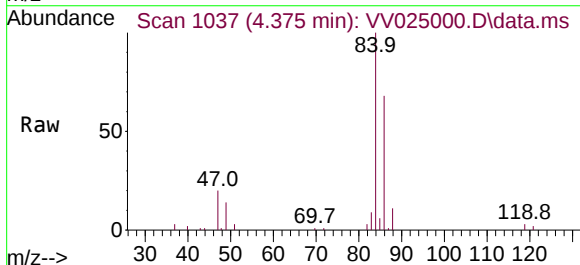
Acq: 15 Mar 2022 16:36

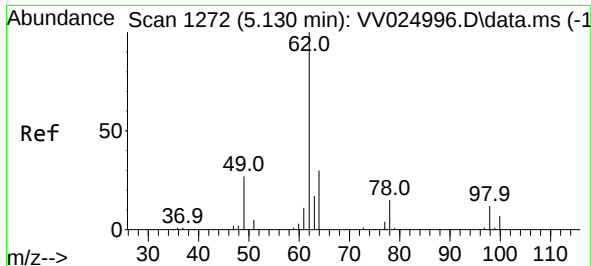
Tgt Ion: 83 Resp: 4417

Ion Ratio Lower Upper

83 100

85 66.1 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV025000.D

Acq: 15 Mar 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

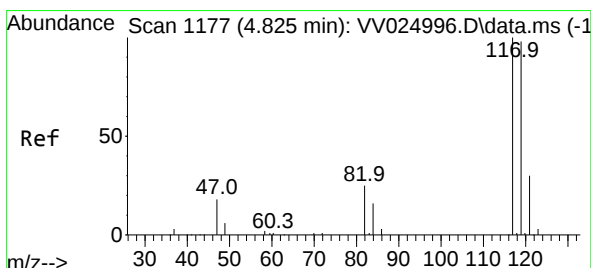
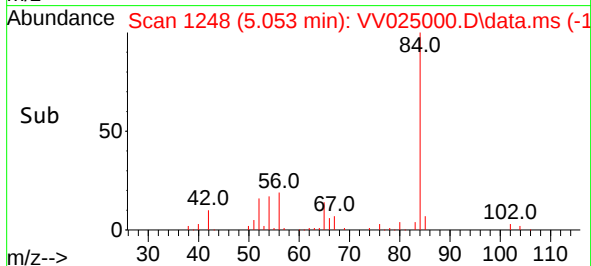
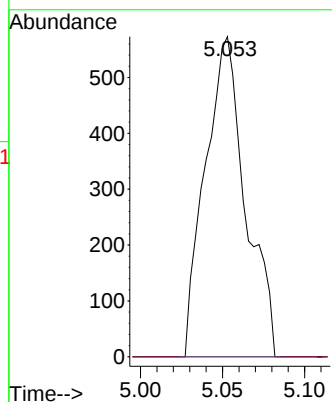
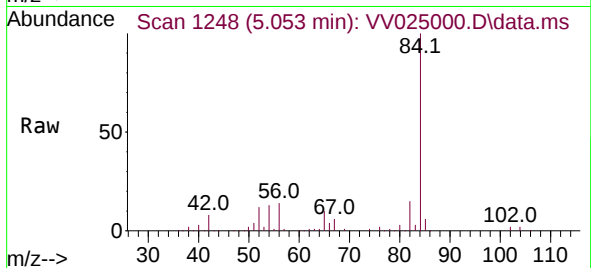
GBDB6

Tgt Ion: 62 Resp: 978

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#31

Carbon tetrachloride

Concen: 20.600 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VV025000.D

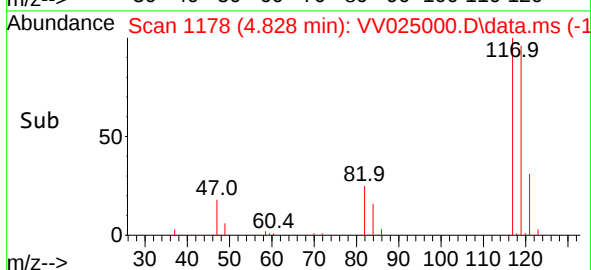
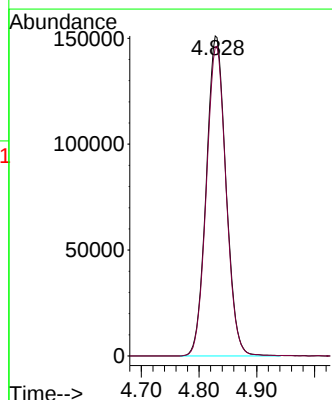
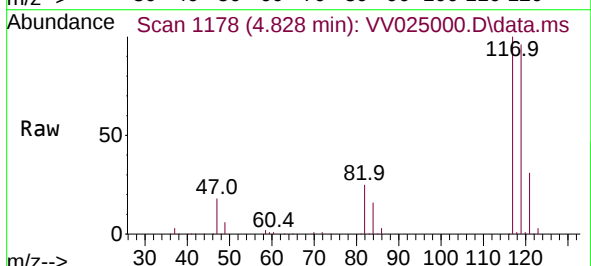
Acq: 15 Mar 2022 16:36

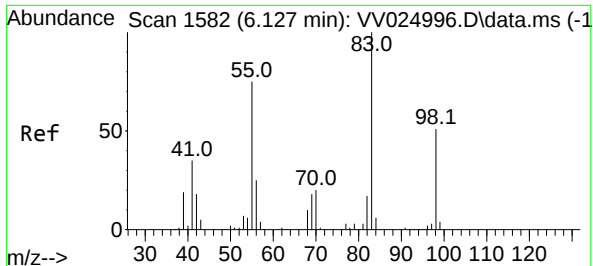
Tgt Ion: 117 Resp: 358610

Ion Ratio Lower Upper

117 100

119 96.7 76.8 115.2





#35

Methylcyclohexane

Concen: 0.732 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025000.D

Acq: 15 Mar 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

GBDB6

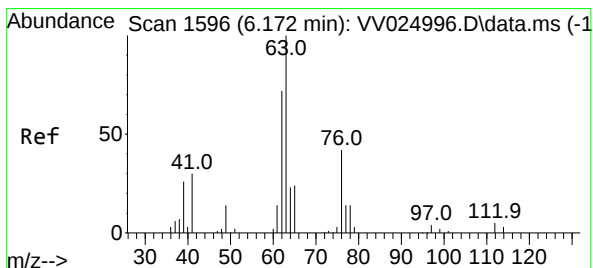
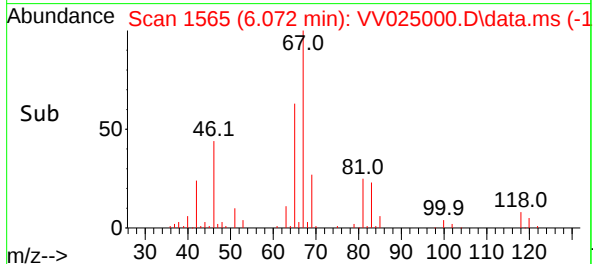
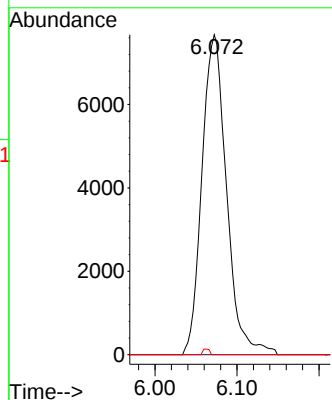
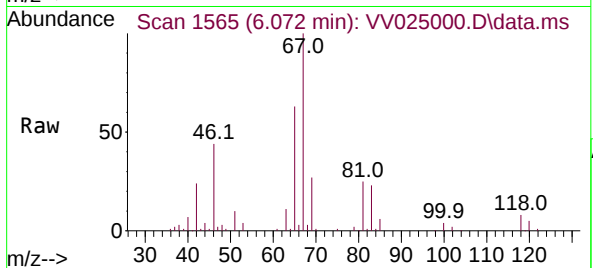
Tgt Ion: 83 Resp: 15968

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: 0.600 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV025000.D

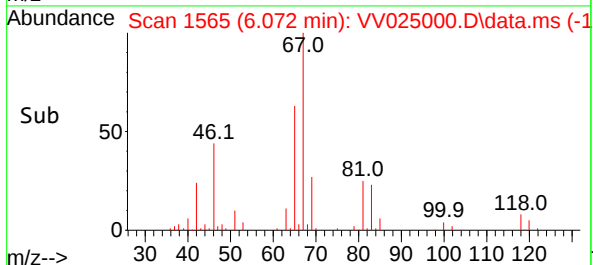
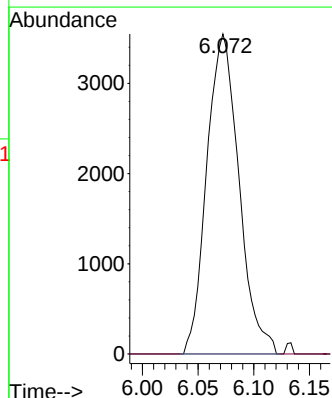
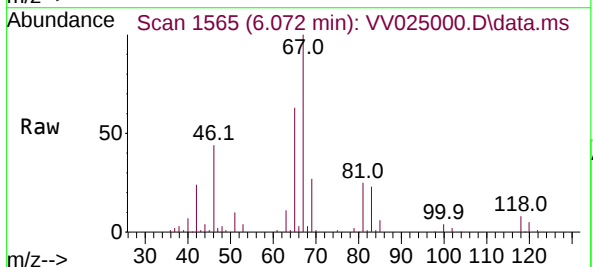
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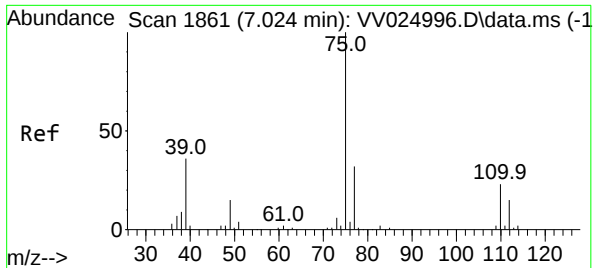
Tgt Ion: 63 Resp: 7133

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025000.D

Acq: 15 Mar 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

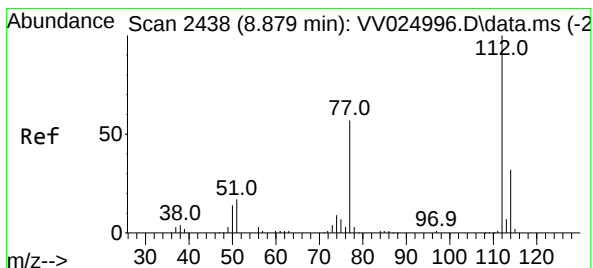
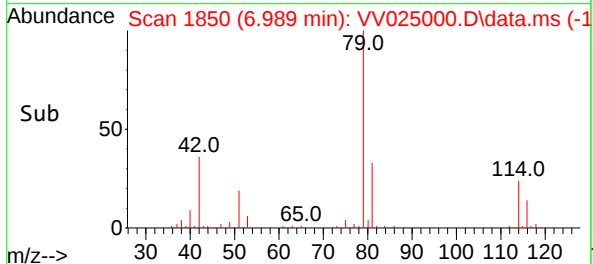
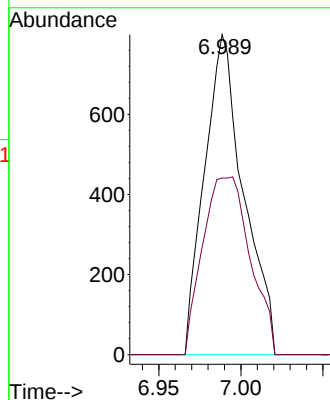
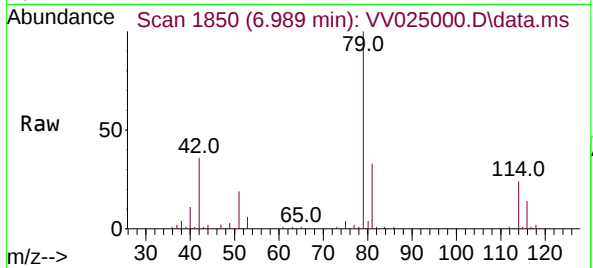
GBDB6

Tgt Ion: 75 Resp: 1322

Ion Ratio Lower Upper

75 100

77 55.2 23.0 42.8#



#51

Chlorobenzene

Concen: 0.033 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025000.D

Acq: 15 Mar 2022 16:36

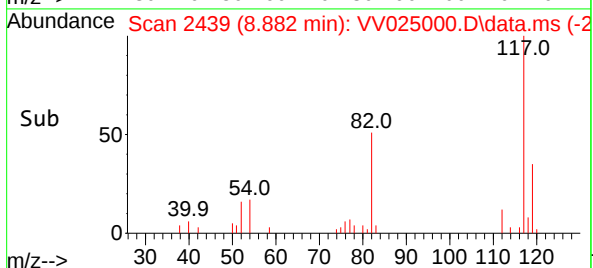
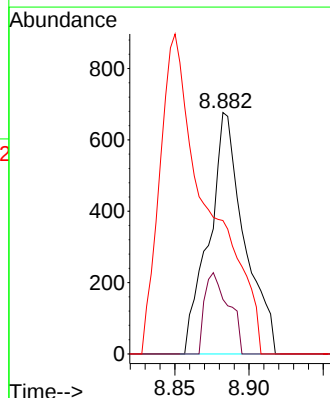
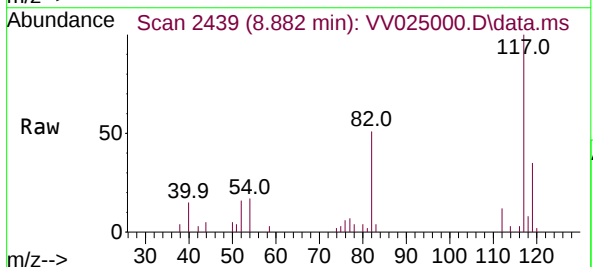
Tgt Ion: 112 Resp: 1117

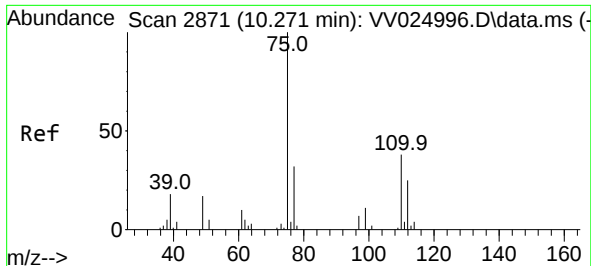
Ion Ratio Lower Upper

112 100

114 22.6 22.5 41.7

77 55.2 45.3 67.9

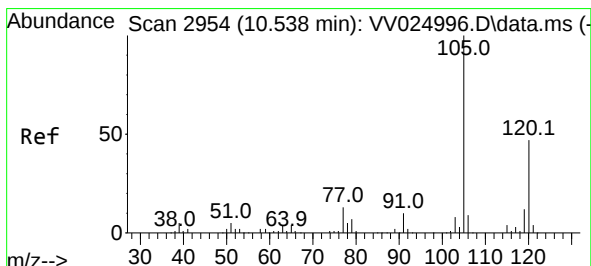
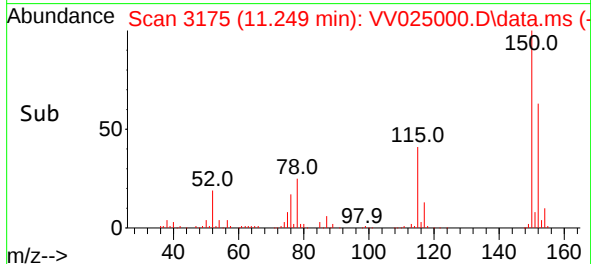
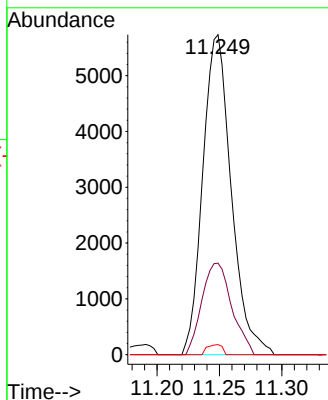
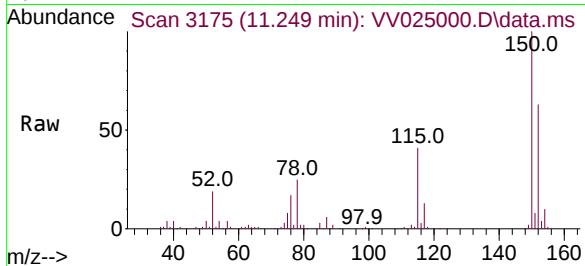




#61
1,2,3-Trichloropropane
Concen: 1.561 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025000.D
Acq: 15 Mar 2022 16:36

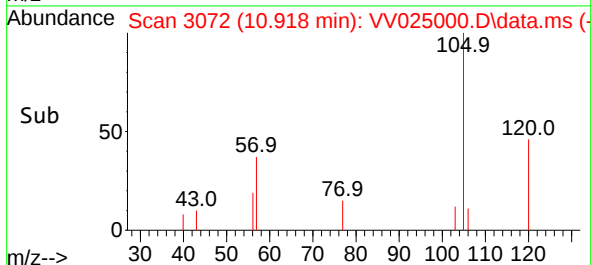
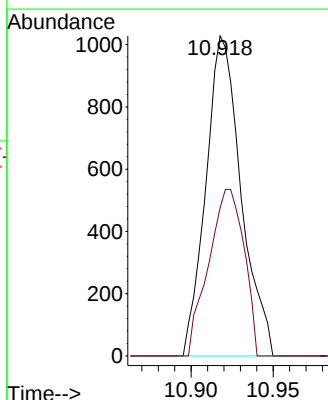
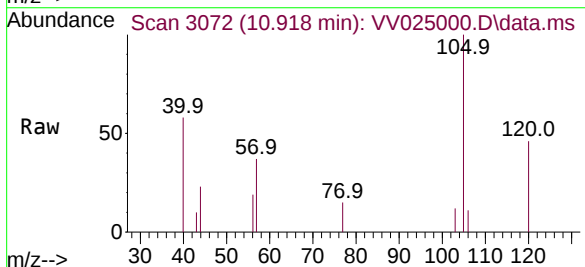
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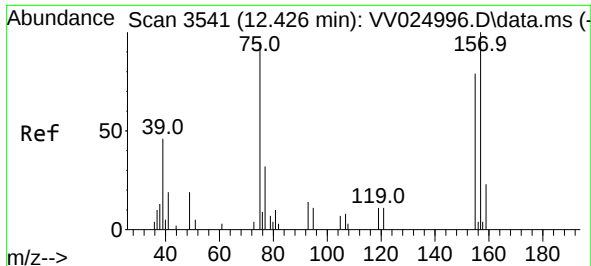
Tgt Ion: 75 Resp: 9110
Ion Ratio Lower Upper
75 100
77 29.9 25.7 38.5
110 1.7 31.2 46.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.065 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.379 min
Lab File: VV025000.D
Acq: 15 Mar 2022 16:36

Tgt Ion: 105 Resp: 1533
Ion Ratio Lower Upper
105 100
120 52.3 38.5 57.7

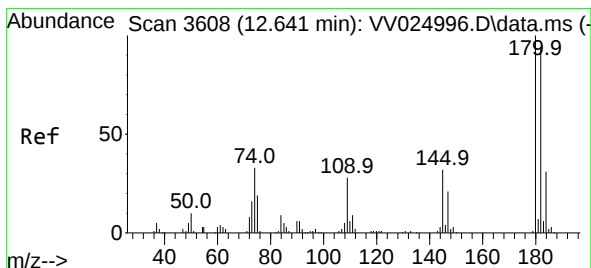
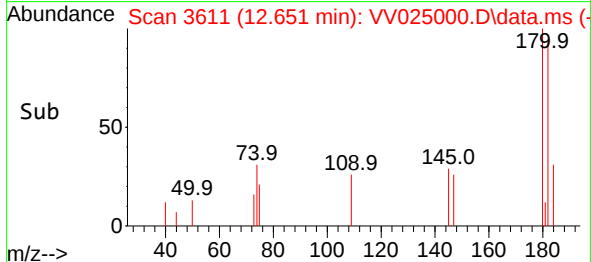
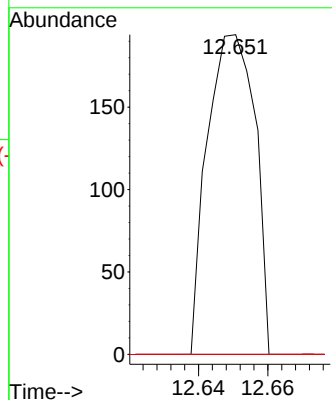
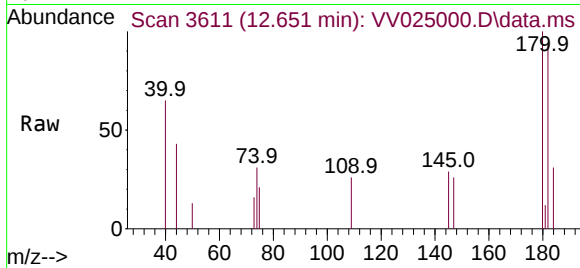




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.185 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.225 min
 Lab File: VV025000.D
 Acq: 15 Mar 2022 16:36

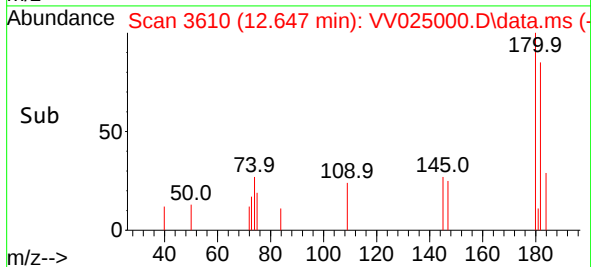
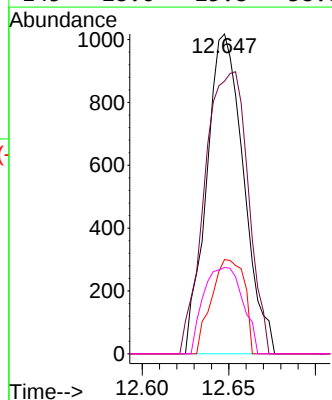
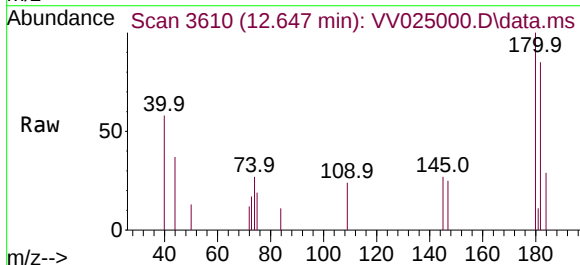
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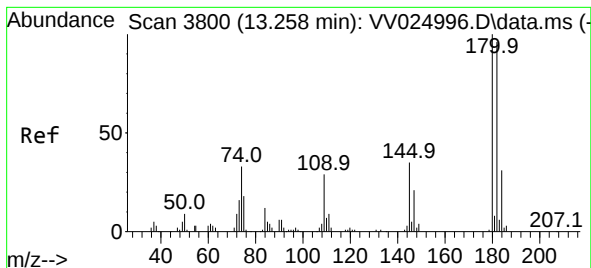
Tgt Ion: 75 Resp: 185
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.094 ug/L
 RT: 12.647 min Scan# 3610
 Delta R.T. 0.006 min
 Lab File: VV025000.D
 Acq: 15 Mar 2022 16:36

Tgt Ion:180 Resp: 1509
 Ion Ratio Lower Upper
 180 100
 182 103.2 75.4 113.0
 184 26.1 24.2 36.4
 145 28.6 25.8 38.8





#70

1,2,4-trichlorobenzene

Concen: 0.134 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV025000.D

Acq: 15 Mar 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

GBDB6

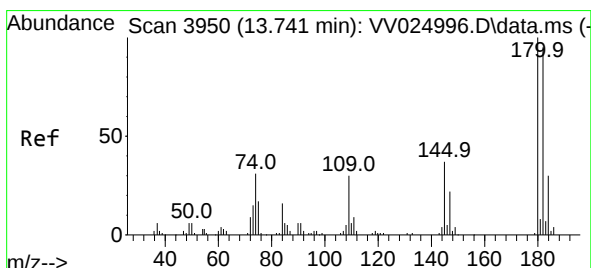
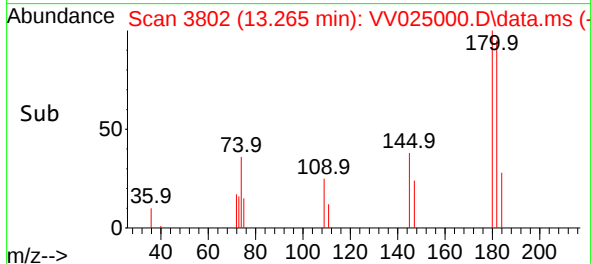
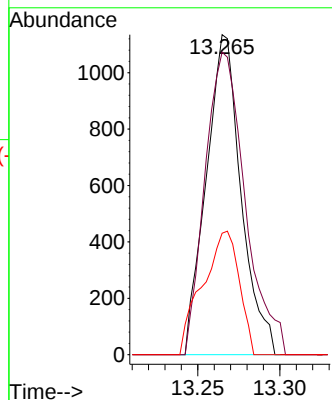
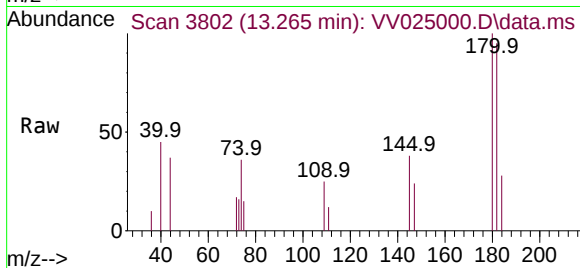
Tgt Ion:180 Resp: 1673

Ion Ratio Lower Upper

180 100

182 109.0 74.6 112.0

145 40.6 26.1 39.1#



#72

1,2,3-Trichlorobenzene

Concen: 0.105 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV025000.D

Acq: 15 Mar 2022 16:36

Tgt Ion:180 Resp: 1113

Ion Ratio Lower Upper

180 100

182 99.5 74.8 112.2

145 32.7 27.6 41.4

