

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025793.D
 Acq On : 03 May 2022 15:16
 Operator : SY/MD
 Sample : N2615-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0D8

Quant Time: May 04 05:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

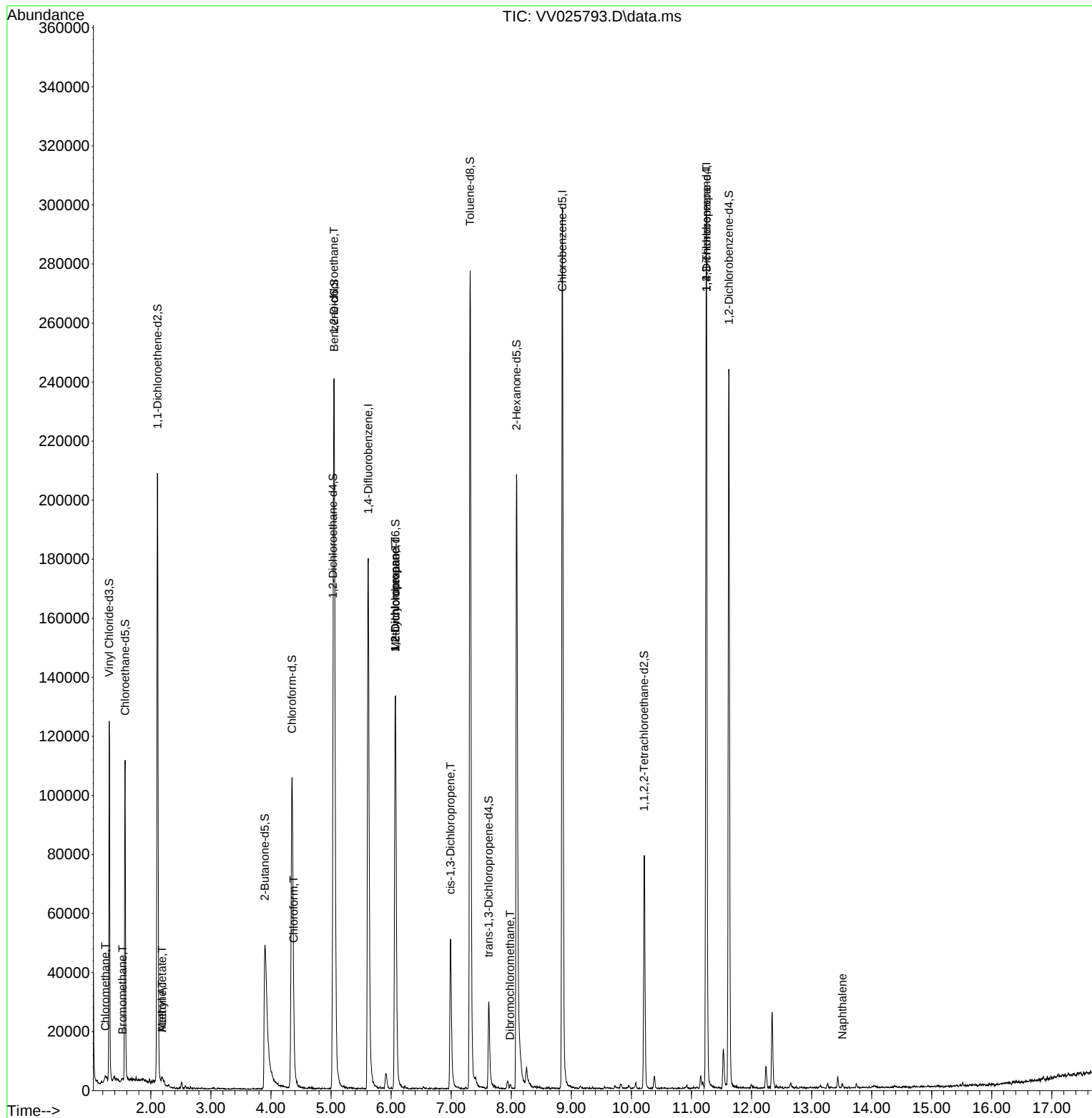
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	159531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	163061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76819	4.393	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.571	69	68203	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.111	63	109675	3.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.899	46	91251	38.132	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.260%
24) Chloroform-d	4.349	84	110066	4.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.034	65	50899	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.053	84	226786	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.072	67	65717	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.317	98	190634	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.625	79	17084	3.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.088	63	72755	38.291	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37064	3.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	62283	4.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1017	0.047	ug/L #	81
6) Bromomethane	1.526	94	484	0.041	ug/L	78
13) Acetone	2.188	43	6220	3.949	ug/L	96
15) Methyl Acetate	2.188	43	6195	1.643	ug/L #	43
25) Chloroform	4.378	83	2252	0.089	ug/L	80
27) 1,2-Dichloroethane	5.050	62	1316	0.096	ug/L #	71
35) Methylcyclohexane	6.072	83	16439	0.742	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	7360	0.554	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1485	0.091	ug/L	86
49) Dibromochloromethane	7.982	129	278	0.030	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	9702	1.600	ug/L #	64
71) Naphthalene	13.513	128	1412	0.076	ug/L #	77

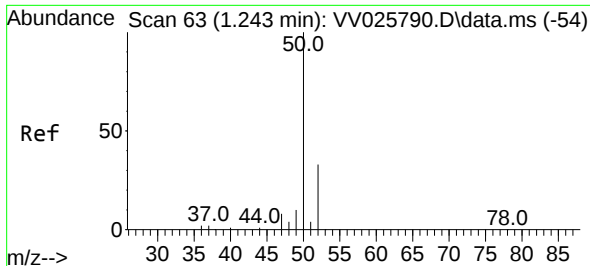
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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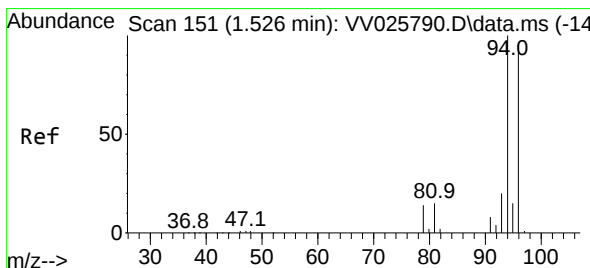
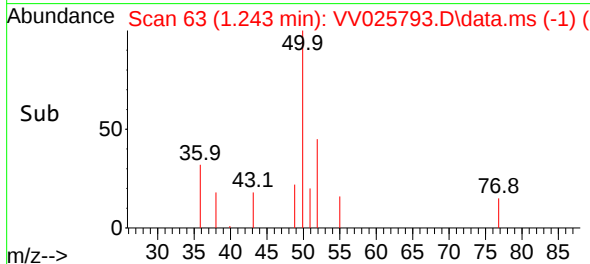
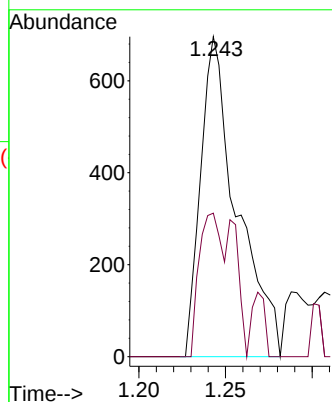
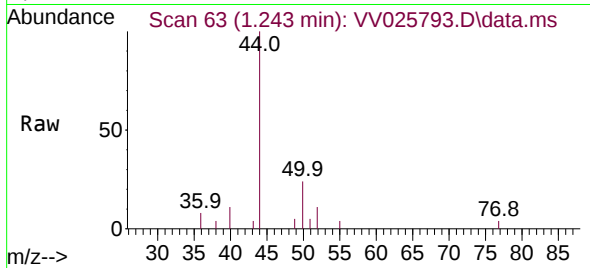




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025793.D
Acq: 03 May 2022 15:16

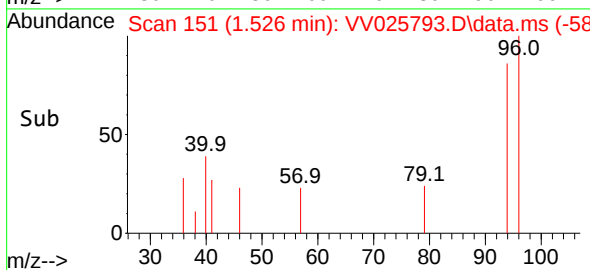
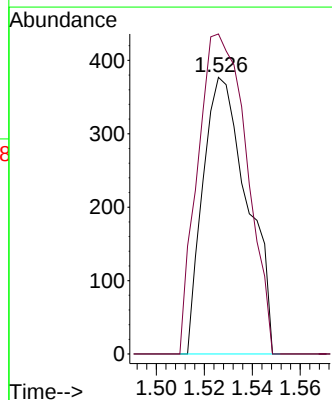
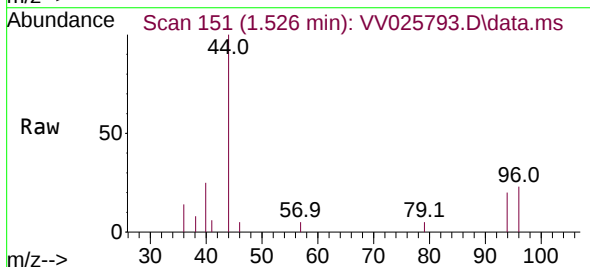
Instrument :
MSVOA_V
ClientSampleId :
BH0D8

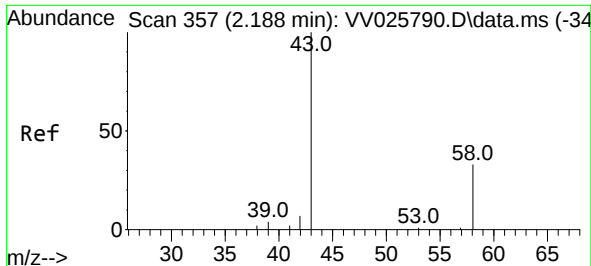
Tgt Ion: 50 Resp: 1017
Ion Ratio Lower Upper
50 100
52 44.8 23.7 43.9#



#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.526 min Scan# 151
Delta R.T. -0.000 min
Lab File: VV025793.D
Acq: 03 May 2022 15:16

Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 115.6 66.1 122.7





#13

Acetone

Concen: 3.949 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.000 min

Lab File: VV025793.D

Acq: 03 May 2022 15:16

Instrument :

MSVOA_V

ClientSampleId :

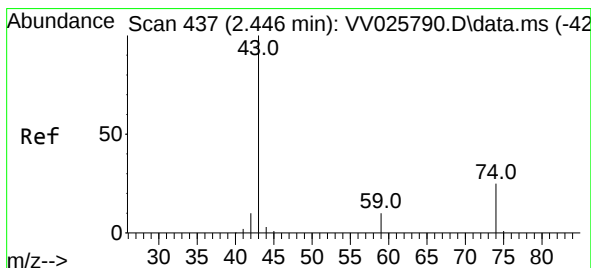
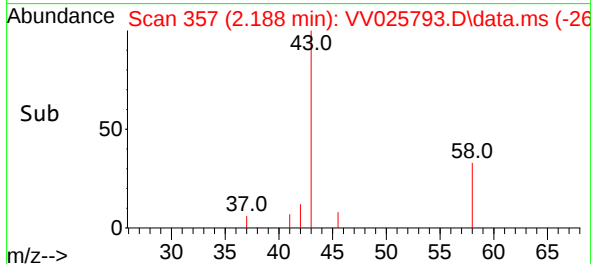
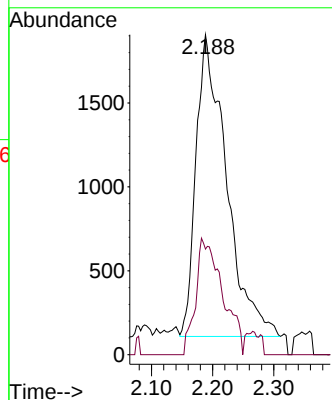
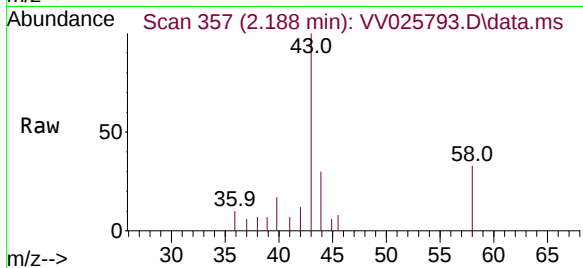
BH0D8

Tgt Ion: 43 Resp: 6220

Ion Ratio Lower Upper

43 100

58 34.0 0.0 72.2



#15

Methyl Acetate

Concen: 1.643 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.257 min

Lab File: VV025793.D

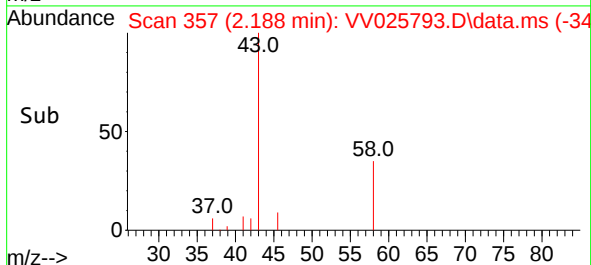
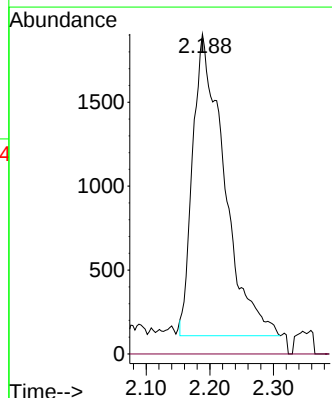
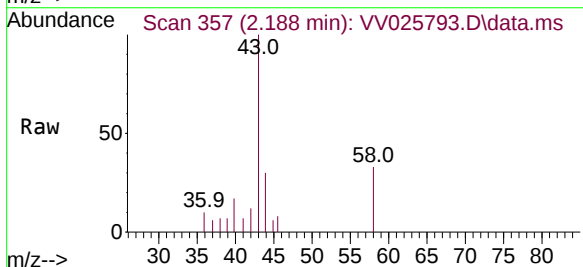
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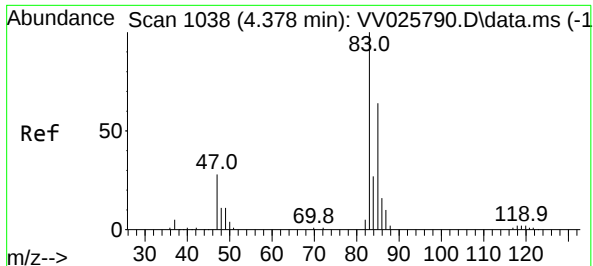
Tgt Ion: 43 Resp: 6195

Ion Ratio Lower Upper

43 100

74 0.0 25.2 37.8#





#25

Chloroform

Concen: 0.089 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV025793.D

Acq: 03 May 2022 15:16

Instrument :

MSVOA_V

ClientSampleId :

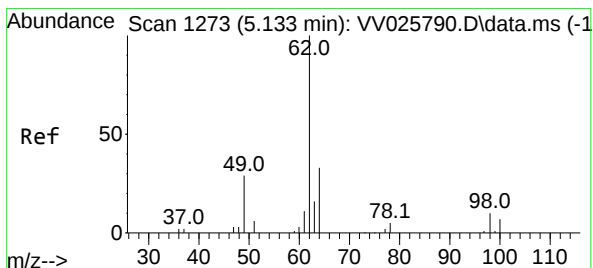
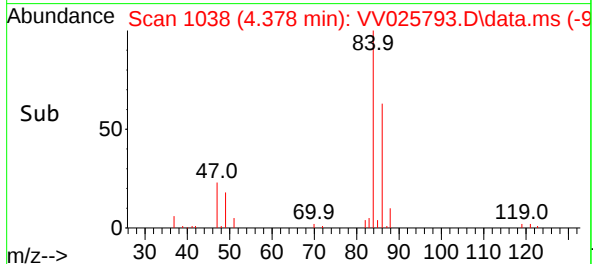
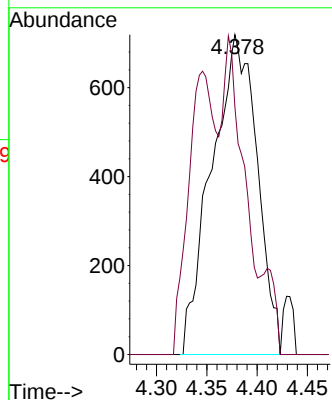
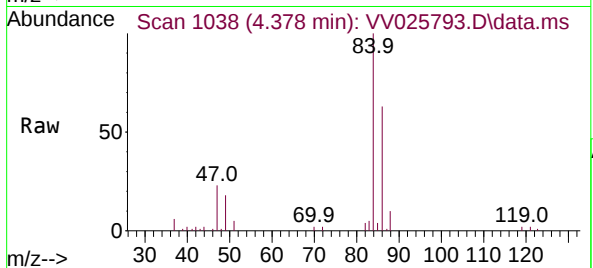
BH0D8

Tgt Ion: 83 Resp: 2252

Ion Ratio Lower Upper

83 100

85 77.3 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.084 min

Lab File: VV025793.D

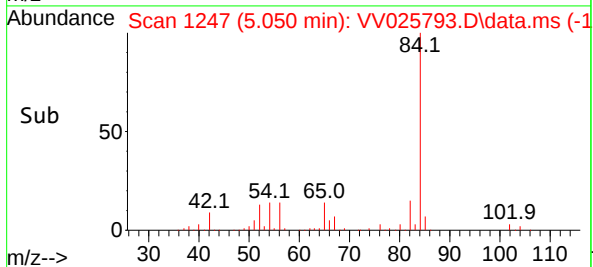
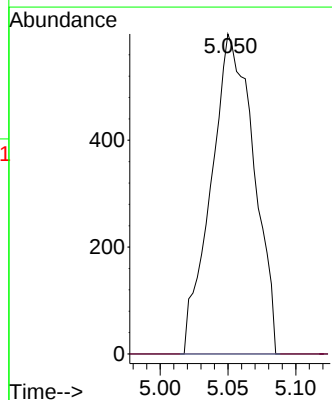
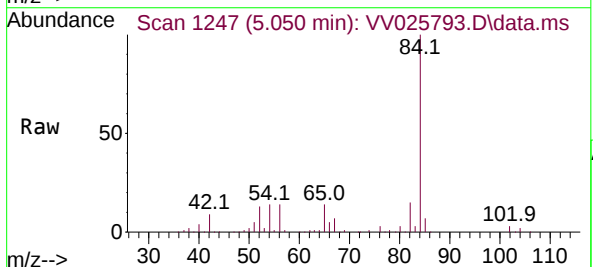
Acq: 03 May 2022 15:16

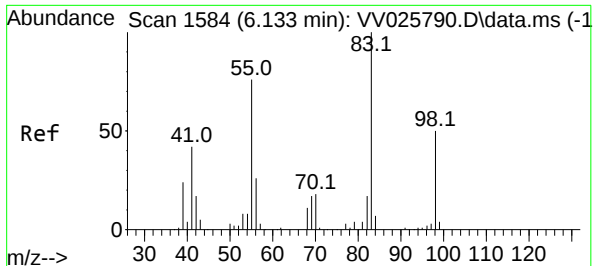
Tgt Ion: 62 Resp: 1316

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV025793.D

Acq: 03 May 2022 15:16

Instrument :

MSVOA_V

ClientSampleId :

BH0D8

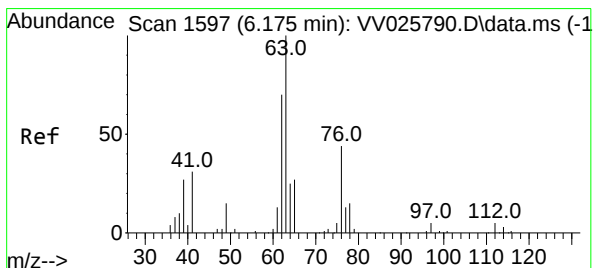
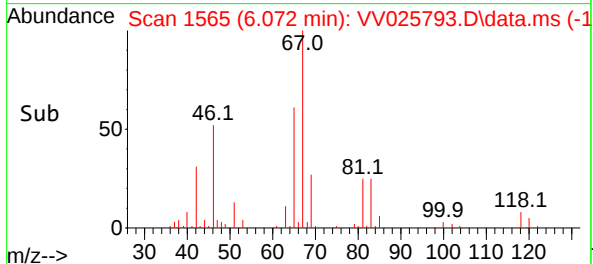
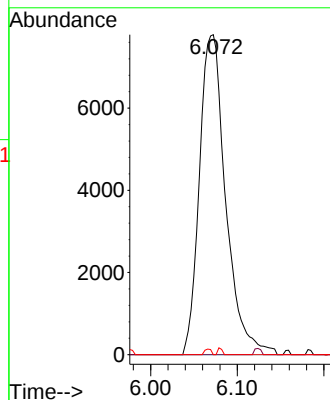
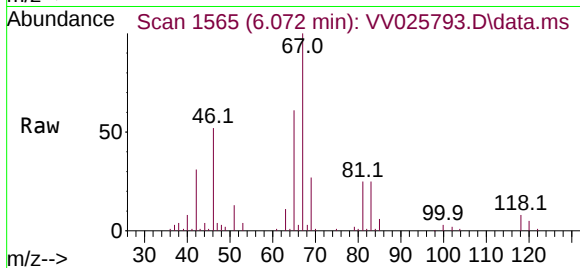
Tgt Ion: 83 Resp: 16439

Ion Ratio Lower Upper

83 100

55 0.5 53.7 80.5#

98 0.3 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV025793.D

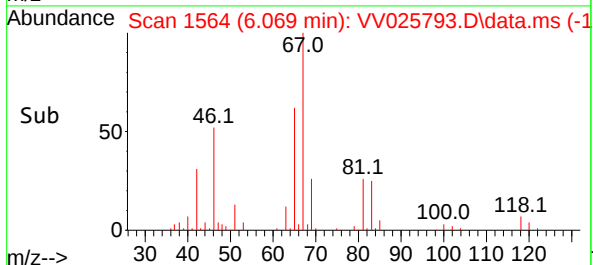
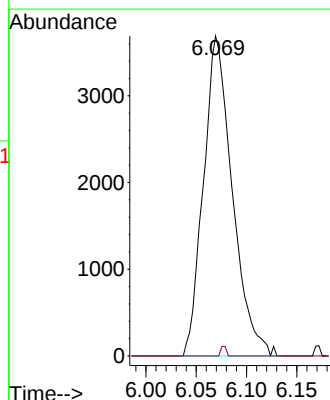
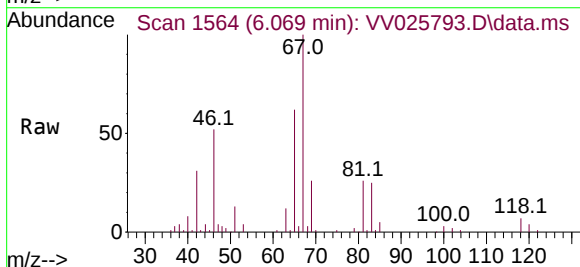
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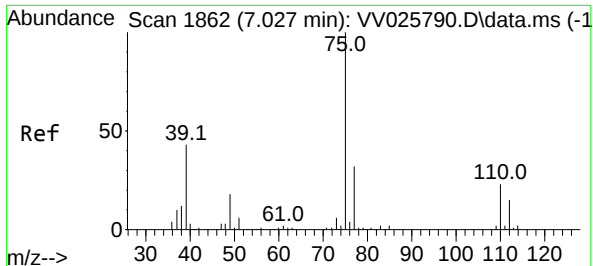
Tgt Ion: 63 Resp: 7360

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025793.D

Acq: 03 May 2022 15:16

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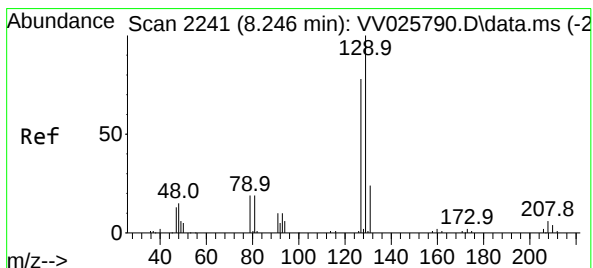
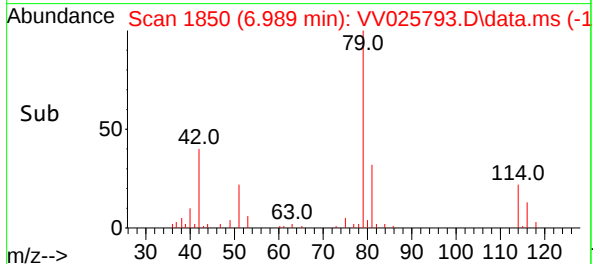
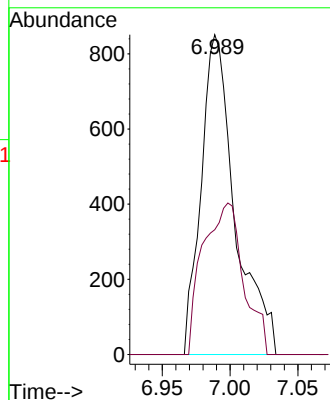
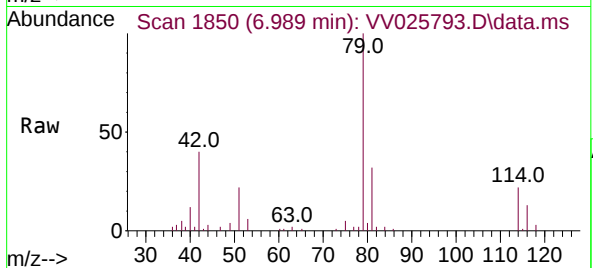
BH0D8

Tgt Ion: 75 Resp: 1485

Ion Ratio Lower Upper

75 100

77 39.0 21.8 40.6



#49

Dibromochloromethane

Concen: 0.030 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV025793.D

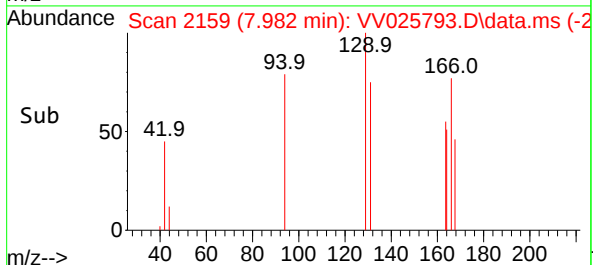
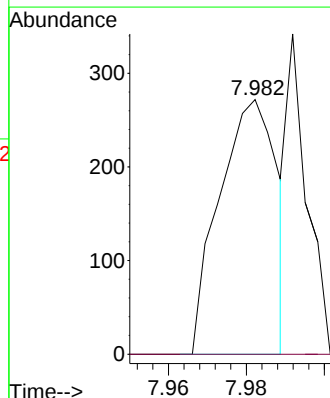
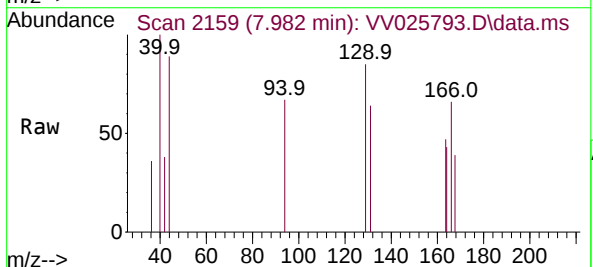
Acq: 03 May 2022 15:16

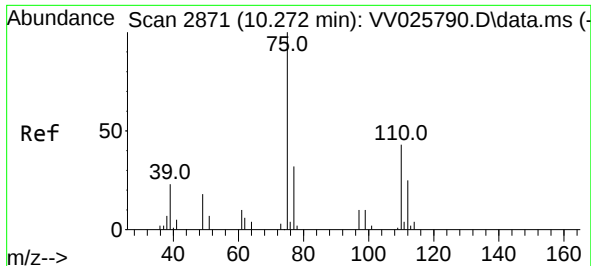
Tgt Ion: 129 Resp: 278

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

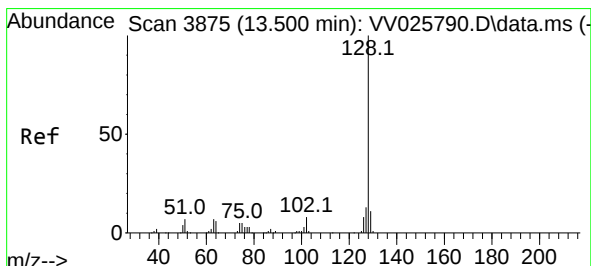
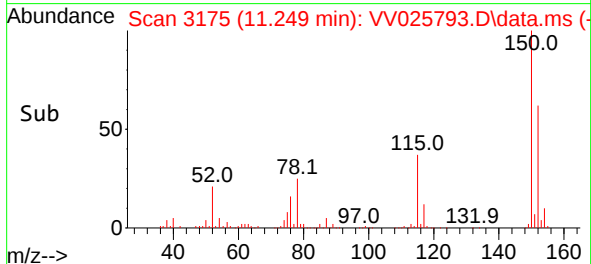
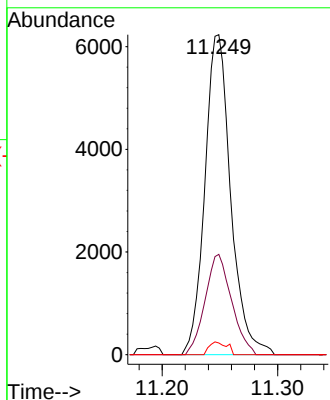
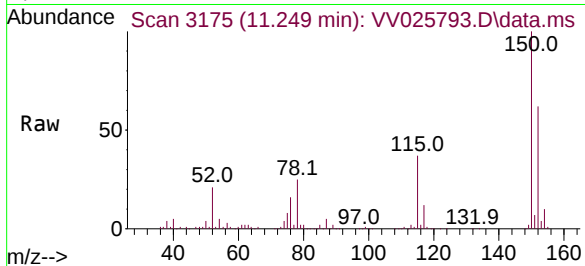




#61
1,2,3-Trichloropropane
Concen: 1.600 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025793.D
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Tgt Ion: 75 Resp: 9702
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 2.7 34.7 52.1#



#71
Naphthalene
Concen: 0.076 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV025793.D
Acq: 03 May 2022 15:16

Tgt Ion: 128 Resp: 1412
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 6.0 10.4 15.6#

