

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031023\
 Data File : VV030161.D
 Acq On : 10 Mar 2023 17:39
 Operator : SY/MD
 Sample : 01868-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC6

Quant Time: Mar 11 00:09:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 11 00:01:55 2023
 Response via : Initial Calibration

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

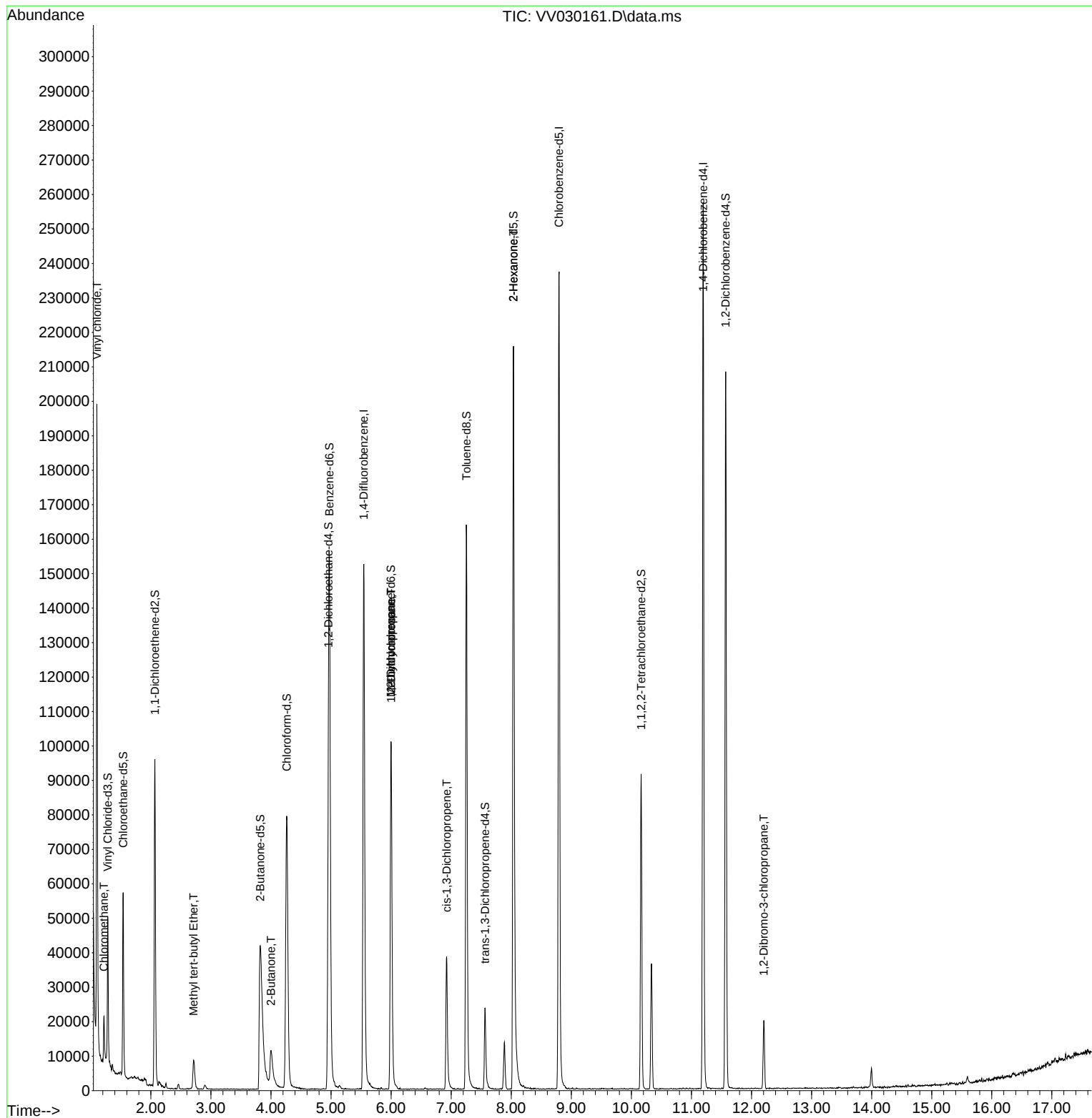
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	141545	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	143298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	28440	3.105	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.200%	
7) Chloroethane-d5	1.539	69	35106	4.083	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.600%	
11) 1,1-Dichloroethene-d2	2.066	63	49848	2.647	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.000%#	
20) 2-Butanone-d5	3.821	46	95526	56.572	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.140%	
24) Chloroform-d	4.262	84	91571	4.895	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	4.957	65	40850	5.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	4.973	84	151722	3.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.600%	
36) 1,2-Dichloropropane-d6	5.998	67	53656	4.626	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.252	98	119660	3.274	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.400%#	
43) trans-1,3-Dichloroprop...	7.564	79	16268	4.099	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.000%	
46) 2-Hexanone-d5	8.037	63	84265	51.322	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.640%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46065	5.582	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.600%	
66) 1,2-Dichlorobenzene-d4	11.570	152	58829	4.875	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						Qvalue
3) Chloromethane	1.220	50	10237	0.564	ug/L	96
5) Vinyl chloride	1.101	62	8068	0.669	ug/L #	42
17) Methyl tert-butyl Ether	2.712	73	8987	0.484	ug/L	96
21) 2-Butanone	4.002	43	19571	11.660	ug/L #	44
35) Methylcyclohexane	5.998	83	13215	0.796	ug/L #	20
37) 1,2-Dichloropropane	6.001	63	5380	0.540	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1068	0.073	ug/L #	45
48) 2-Hexanone	8.037	43	8746	2.974	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.204	75	681	0.639	ug/L #	7

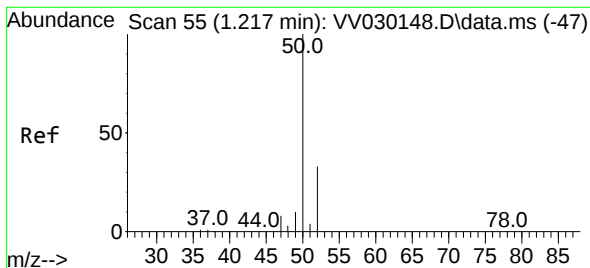
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.564 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.003 min

Lab File: VV030161.D

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Instrument :

MSVOA_V

ClientSampleId :

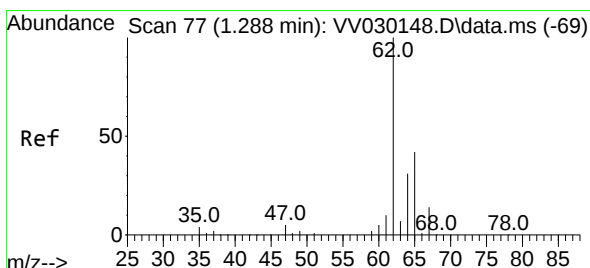
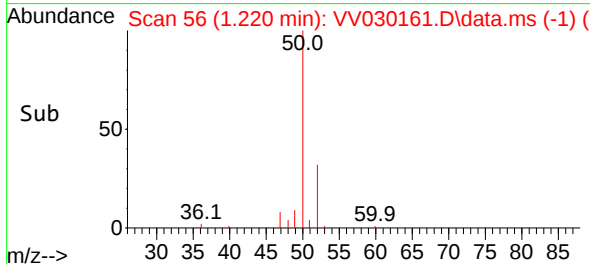
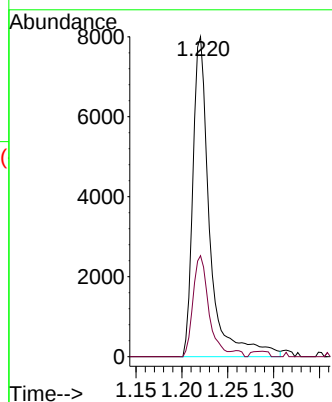
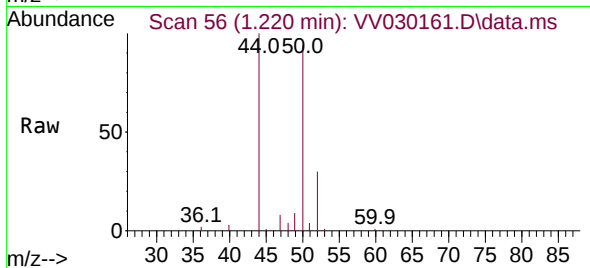
C0BC6

Tgt Ion: 50 Resp: 10237

Ion Ratio Lower Upper

50 100

52 31.5 23.6 43.8



#5

Vinyl chloride

Concen: 0.669 ug/L

RT: 1.101 min Scan# 19

Delta R.T. -0.187 min

Lab File: VV030161.D

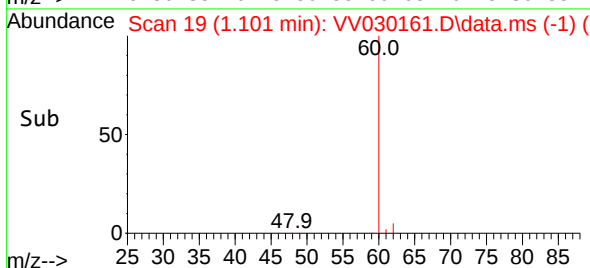
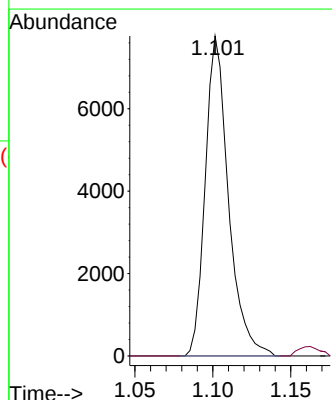
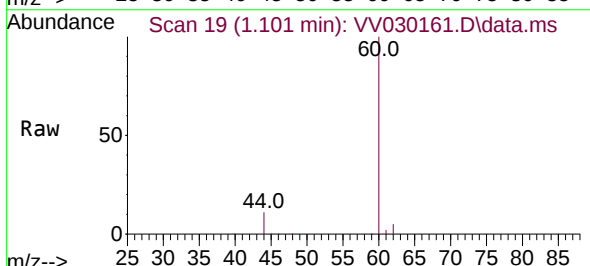
Acq: 10 Mar 2023 17:39

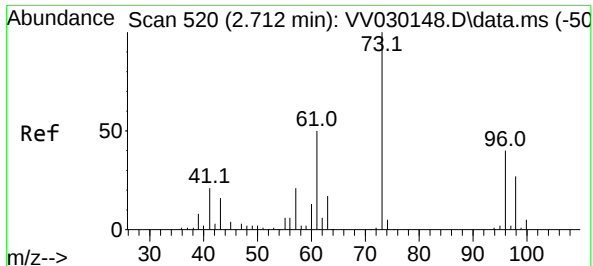
Tgt Ion: 62 Resp: 8068

Ion Ratio Lower Upper

62 100

64 0.0 23.1 42.9#





#17

Methyl tert-butyl Ether

Concen: 0.484 ug/L

RT: 2.712 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030161.D

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Instrument :

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ClientSampleId :

C0BC6

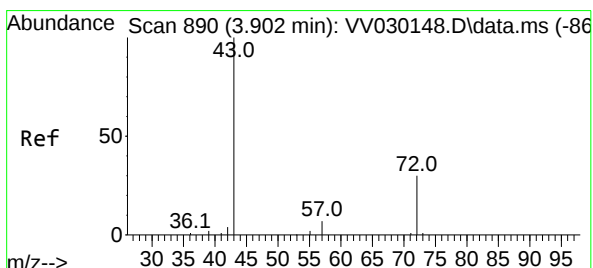
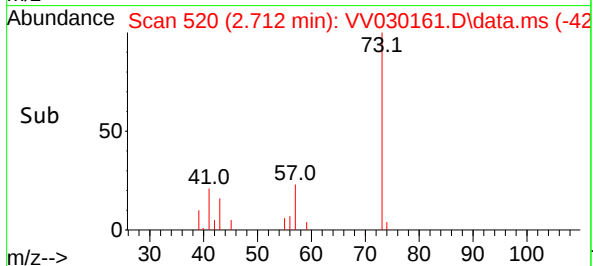
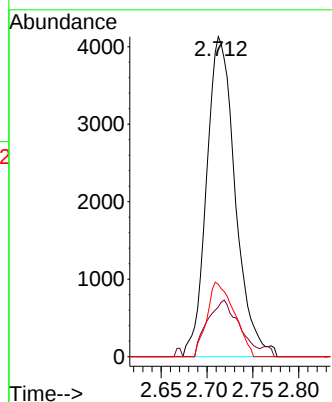
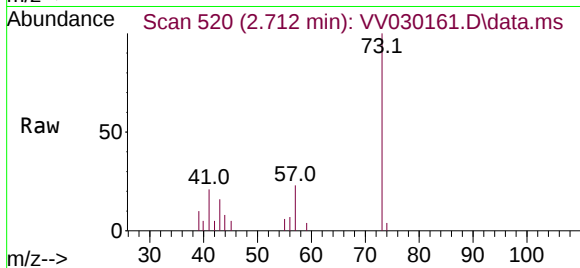
Tgt Ion: 73 Resp: 8987

Ion Ratio Lower Upper

73 100

43 19.6 13.4 20.2

57 22.0 16.8 25.2



#21

2-Butanone

Concen: 11.660 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.100 min

Lab File: VV030161.D

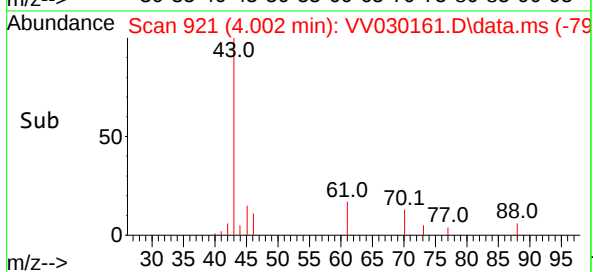
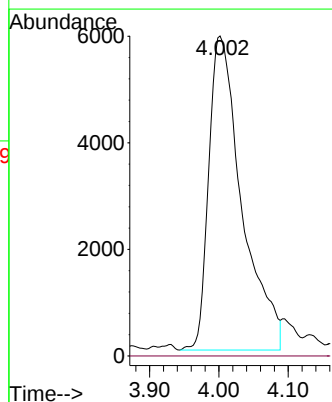
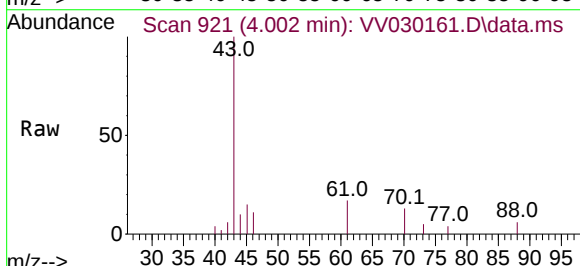
Acq: 10 Mar 2023 17:39

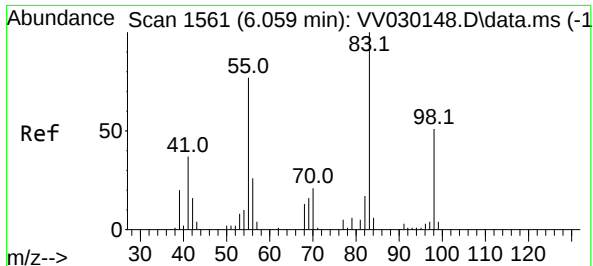
Tgt Ion: 43 Resp: 19571

Ion Ratio Lower Upper

43 100

72 0.0 15.1 45.3#





#35

Methylcyclohexane

Concen: 0.796 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030161.D

Acq: 10 Mar 2023 17:39

Instrument :

MSVOA_V

ClientSampleId :

C0BC6

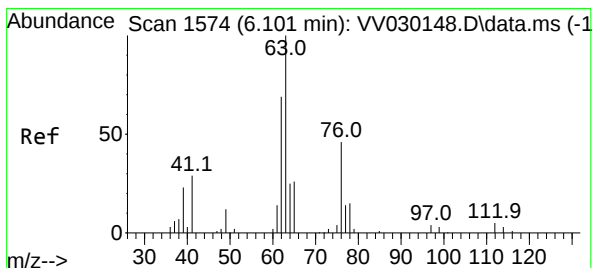
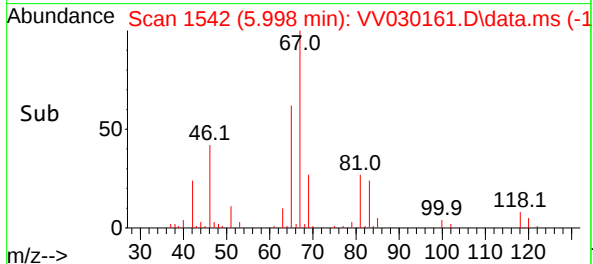
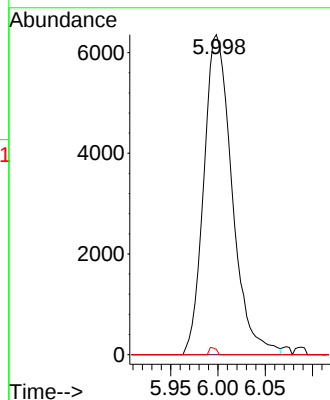
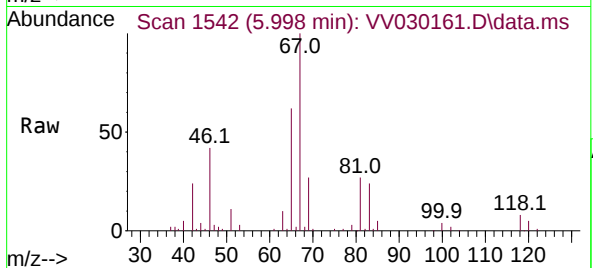
Tgt Ion: 83 Resp: 13215

Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 0.6 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.001 min Scan# 1543

Delta R.T. -0.100 min

Lab File: VV030161.D

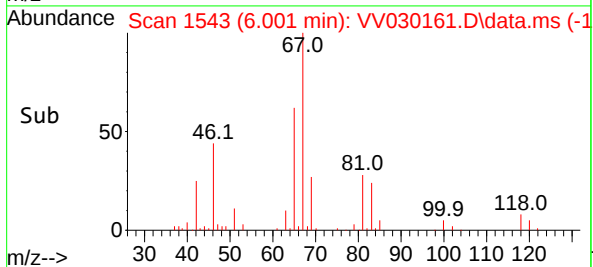
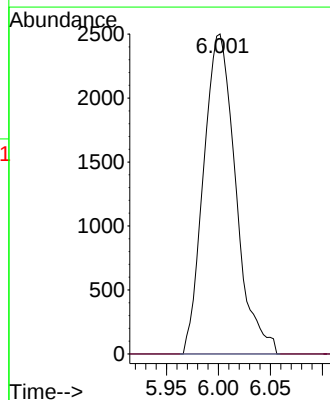
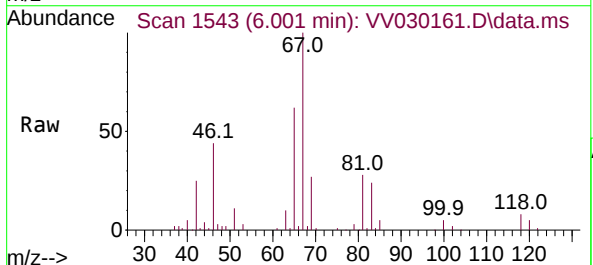
Acq: 10 Mar 2023 17:39

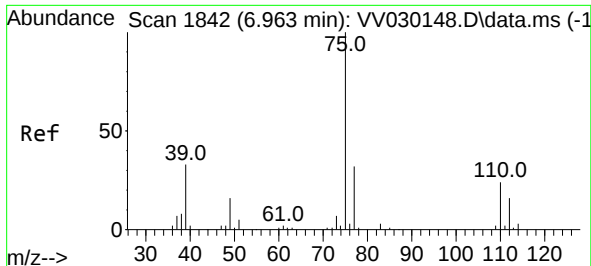
Tgt Ion: 63 Resp: 5380

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV030161.D

Acq: 10 Mar 2023 17:39

Instrument :

MSVOA_V

ClientSampleId :

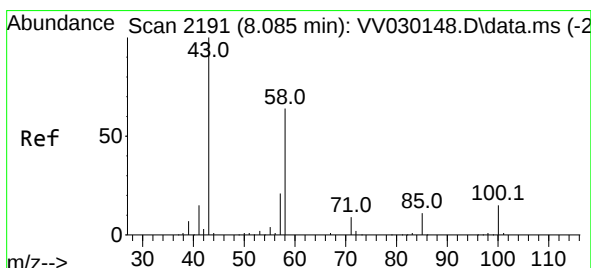
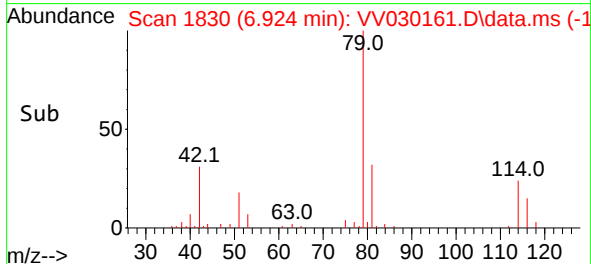
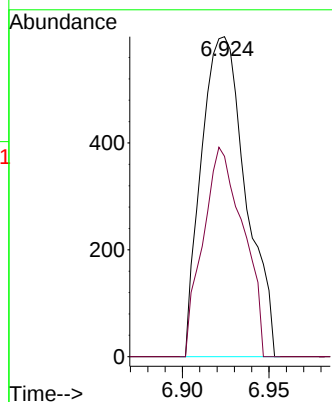
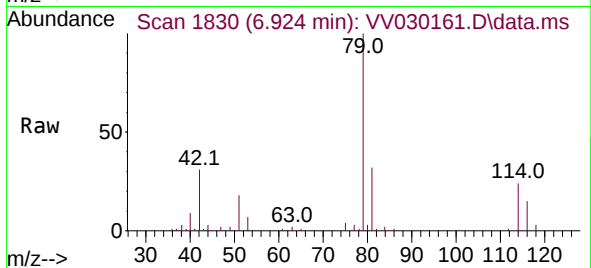
C0BC6

Tgt Ion: 75 Resp: 1068

Ion Ratio Lower Upper

75 100

77 62.6 22.3 41.3#



#48

2-Hexanone

Concen: 2.974 ug/L

RT: 8.037 min Scan# 2176

Delta R.T. -0.048 min

Lab File: VV030161.D

Acq: 10 Mar 2023 17:39

Tgt Ion: 43 Resp: 8746

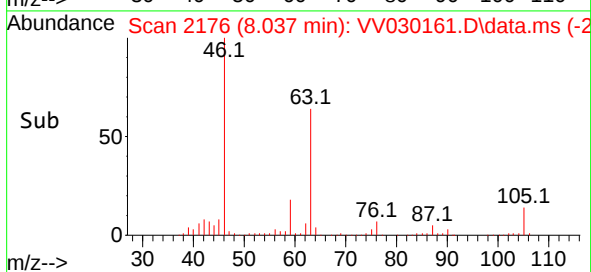
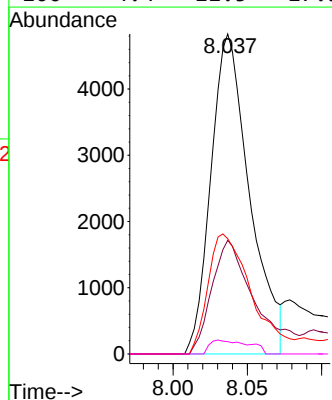
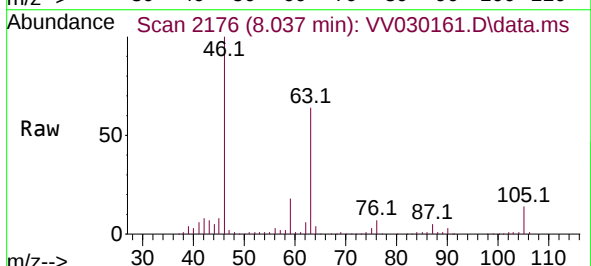
Ion Ratio Lower Upper

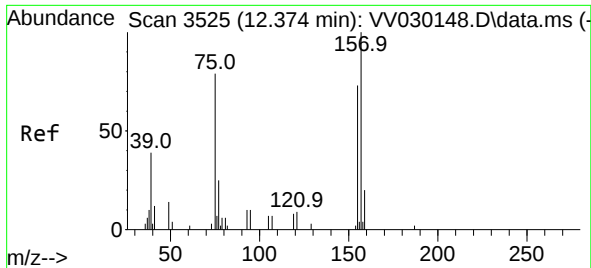
43 100

58 39.8 49.8 74.8#

57 42.4 16.6 24.8#

100 4.4 11.5 17.3#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.639 ug/L

RT: 12.204 min Scan# 34

Delta R.T. -0.170 min

Lab File: VV030161.D

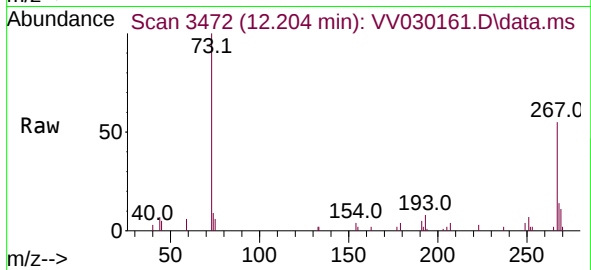
Acq: 10 Mar 2023 17:39

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ClientSampleId :

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Tgt Ion: 75 Resp: 681

Ion Ratio Lower Upper

75 100

155 24.8 79.1 118.7#

157 0.0 95.5 143.3#

