

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030123\
 Data File : VV030109.D
 Acq On : 01 Mar 2023 14:50
 Operator : SY/MD
 Sample : 01729-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Mar 02 00:29:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 02 00:27:39 2023
 Response via : Initial Calibration

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

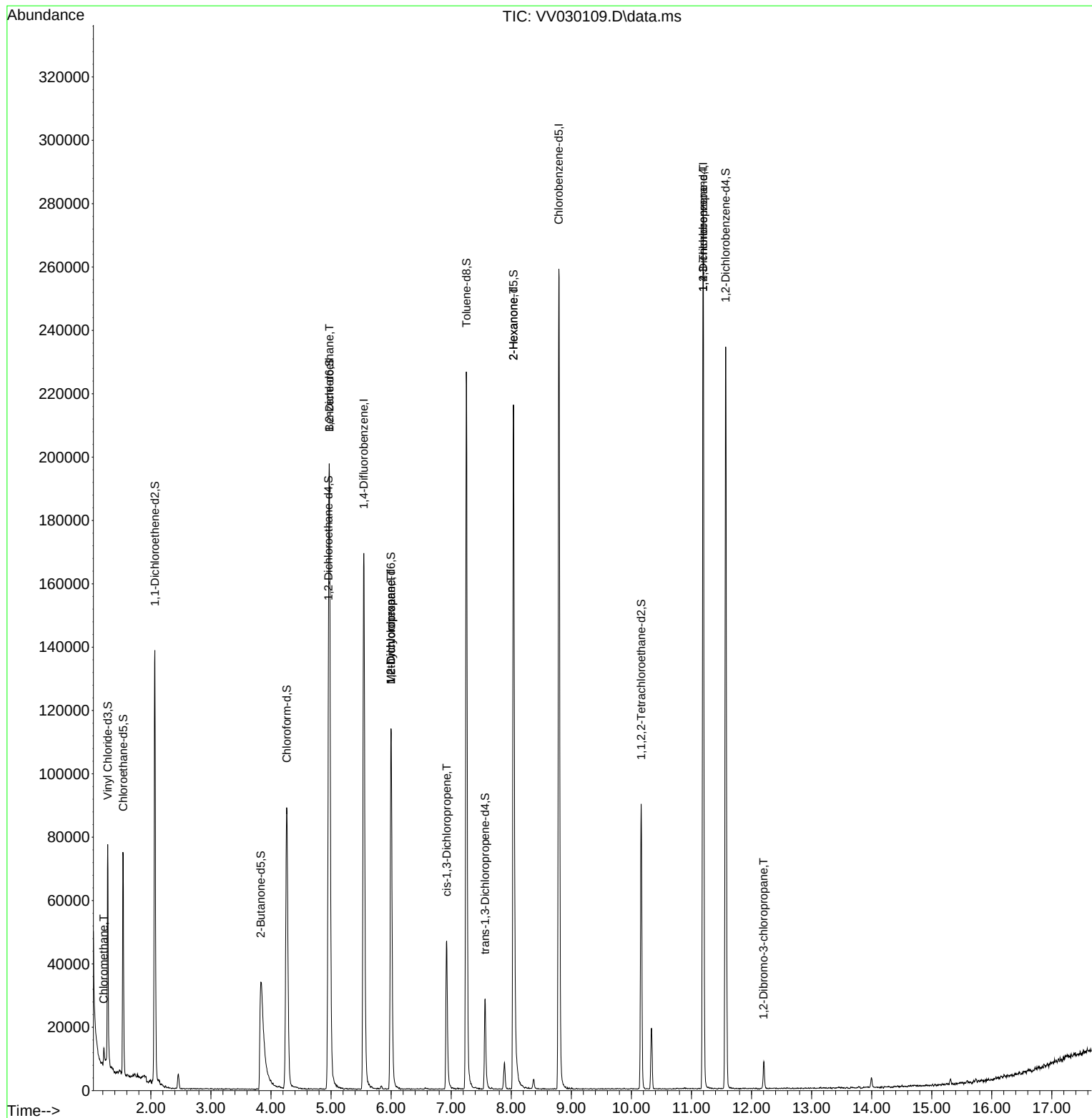
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	158583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	152852	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	76644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	45336	4.418	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.539	69	46450	4.822	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.066	63	74082	3.512	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	3.831	46	95533	50.497	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.000%	
24) Chloroform-d	4.262	84	101152	4.826	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	4.957	65	44856	5.242	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	4.973	84	189215	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	5.998	67	60806	4.914	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.252	98	158365	4.062	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	7.564	79	18876	4.459	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.037	63	87977	50.233	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.460%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44414	5.045	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	63287	4.880	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3350	0.165	ug/L	99
27) 1,2-Dichloroethane	4.973	62	947	0.092	ug/L #	71
35) Methylcyclohexane	5.998	83	14970	0.846	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	6140	0.578	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1165	0.075	ug/L	87
48) 2-Hexanone	8.037	43	8930	2.846	ug/L #	63
61) 1,2,3-Trichloropropane	11.194	75	8135	1.586	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.201	75	234	0.204	ug/L #	1

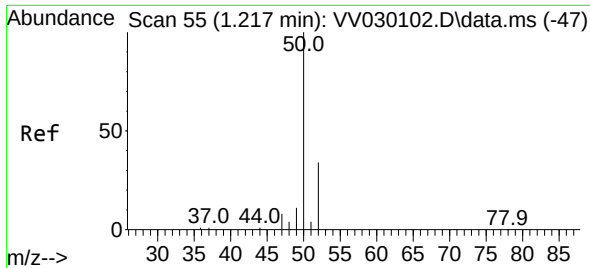
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

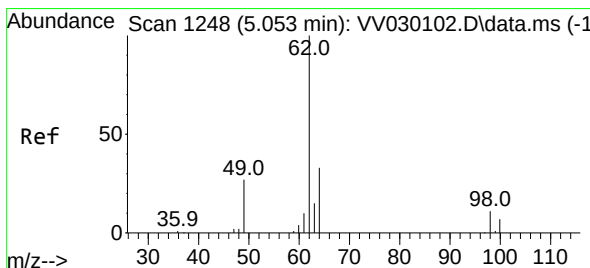
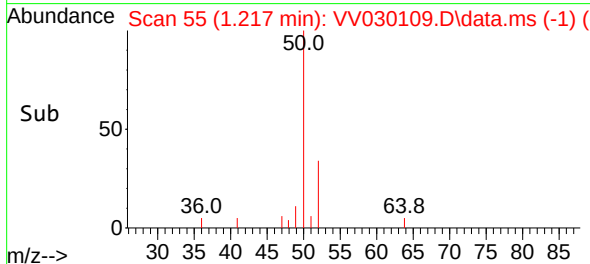
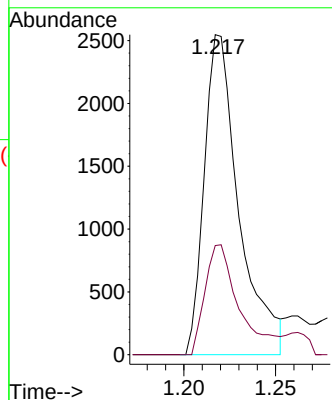
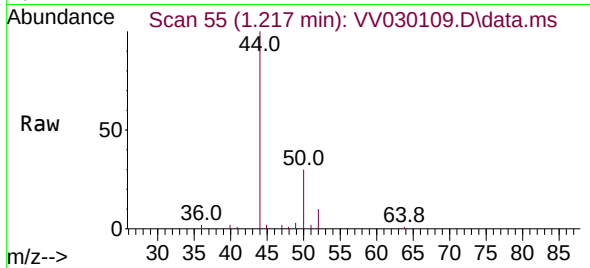




#3
Chloromethane
Concen: 0.165 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030109.D
Acq: 01 Mar 2023 14:50

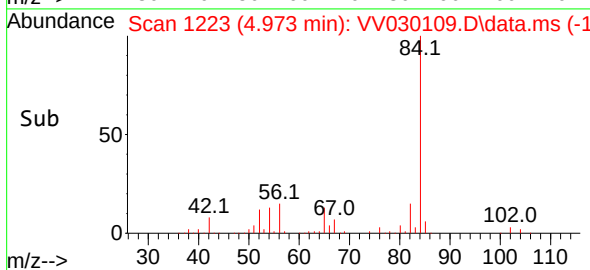
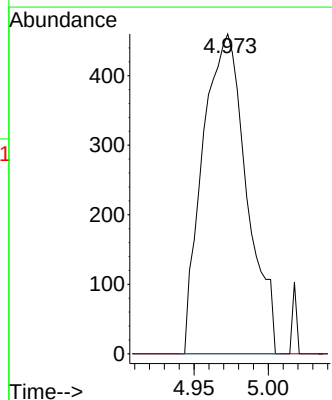
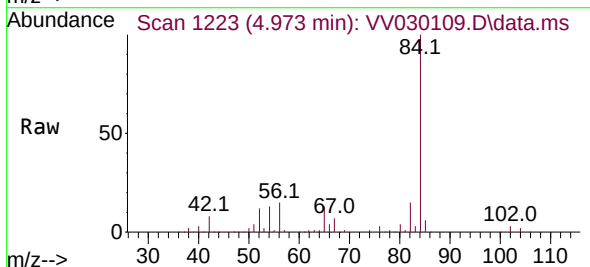
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

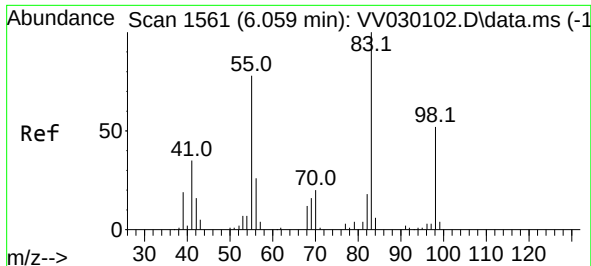
Tgt Ion: 50 Resp: 3350
Ion Ratio Lower Upper
50 100
52 34.1 23.6 43.8



#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 4.973 min Scan# 1223
Delta R.T. -0.080 min
Lab File: VV030109.D
Acq: 01 Mar 2023 14:50

Tgt Ion: 62 Resp: 947
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

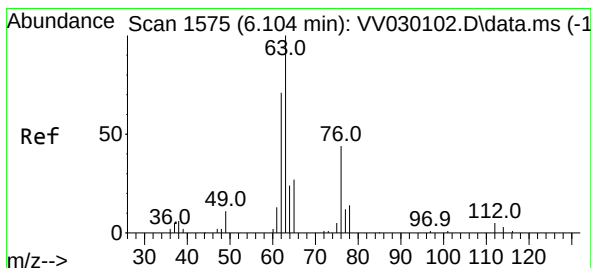
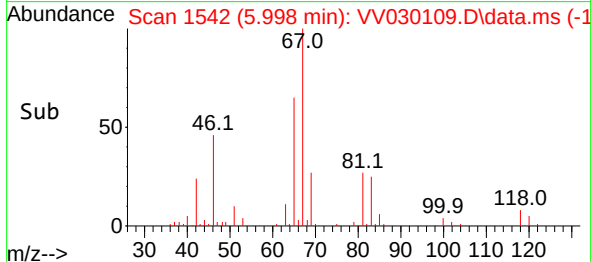
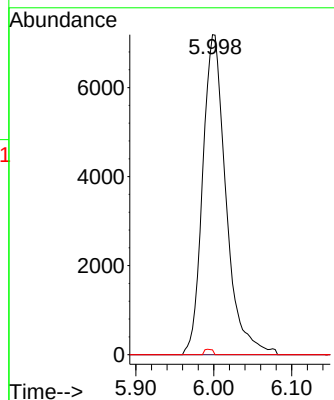
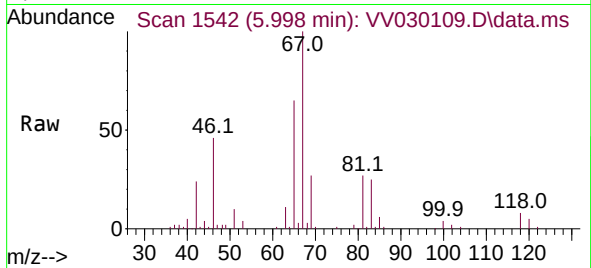




#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030109.D
Acq: 01 Mar 2023 14:50

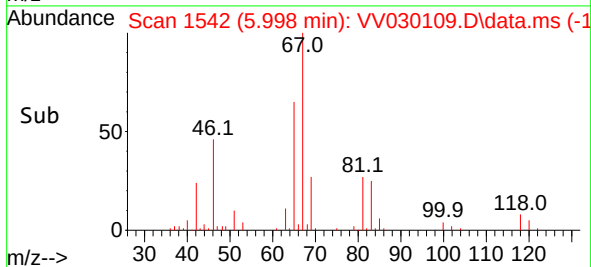
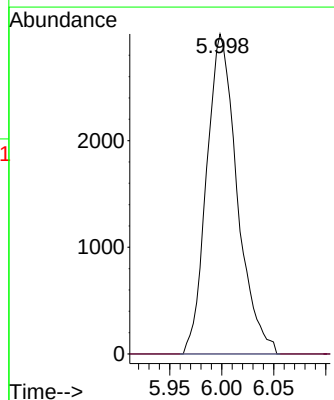
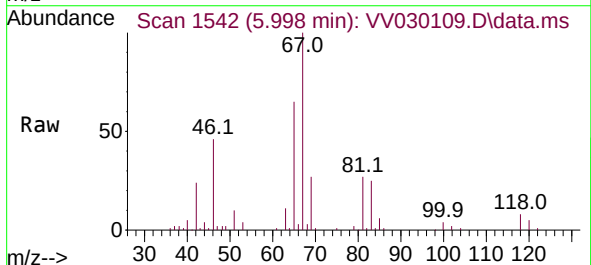
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

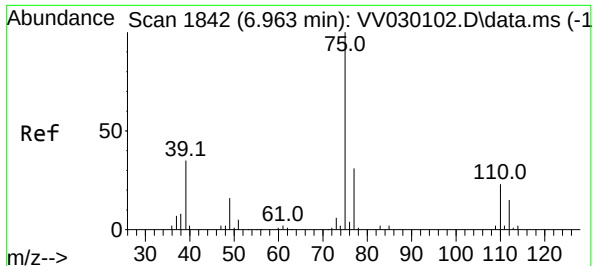
Tgt Ion: 83 Resp: 14970
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.6 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.106 min
Lab File: VV030109.D
Acq: 01 Mar 2023 14:50

Tgt Ion: 63 Resp: 6140
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV030109.D

Acq: 01 Mar 2023 14:50

Instrument :

MSVOA_V

ClientSampleId :

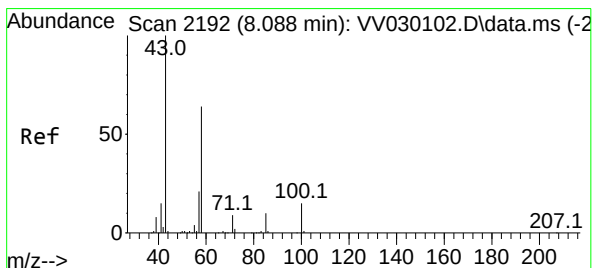
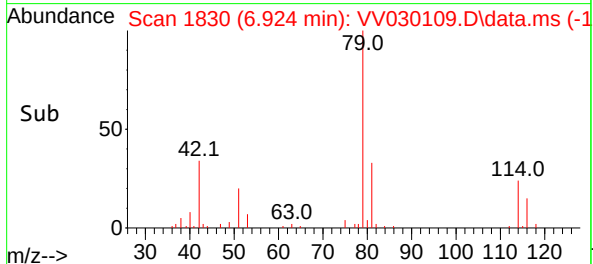
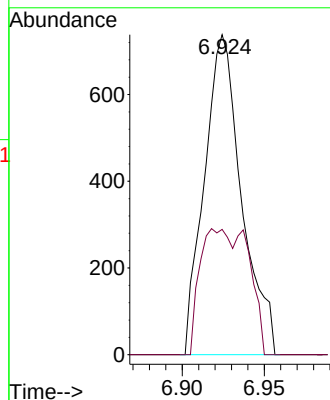
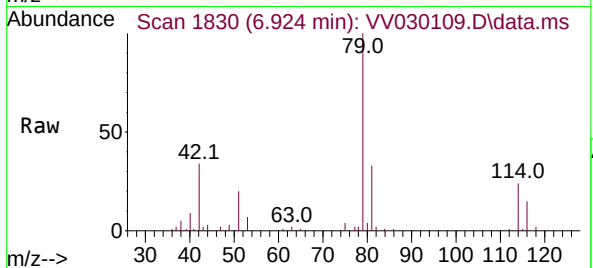
VHBLK001

Tgt Ion: 75 Resp: 1165

Ion Ratio Lower Upper

75 100

77 39.2 22.3 41.3



#48

2-Hexanone

Concen: 2.846 ug/L

RT: 8.037 min Scan# 2176

Delta R.T. -0.051 min

Lab File: VV030109.D

Acq: 01 Mar 2023 14:50

Tgt Ion: 43 Resp: 8930

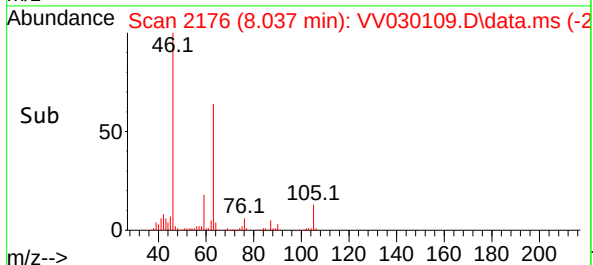
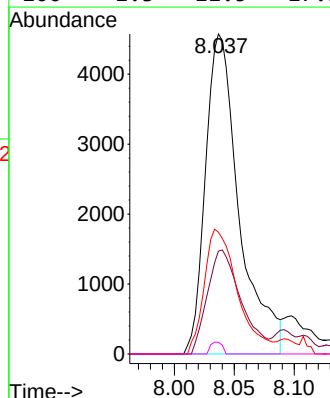
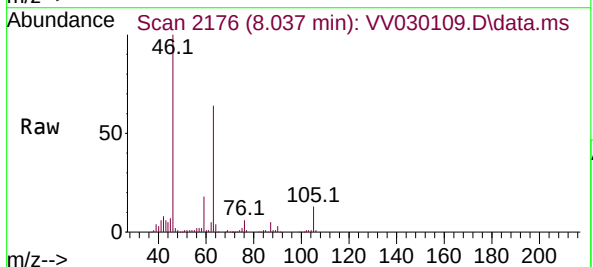
Ion Ratio Lower Upper

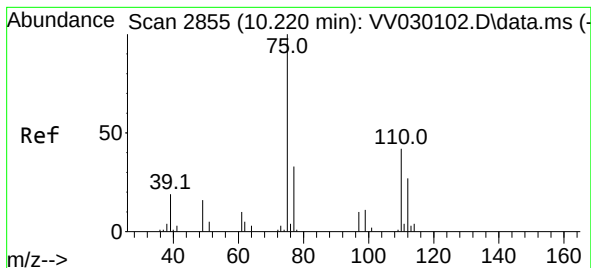
43 100

58 32.8 49.8 74.8#

57 38.7 16.6 24.8#

100 1.3 11.5 17.3#





#61

1,2,3-Trichloropropane

Concen: 1.586 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.974 min

Lab File: VV030109.D

Acq: 01 Mar 2023 14:50

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

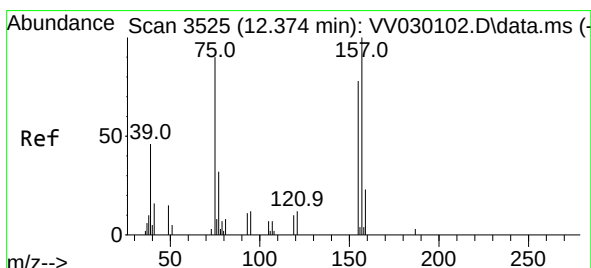
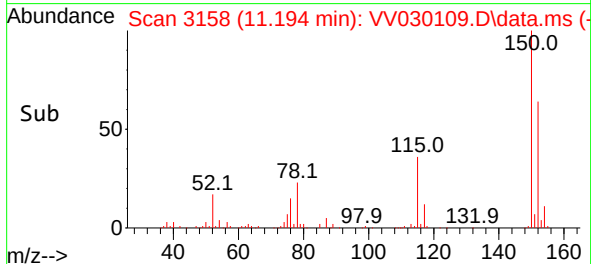
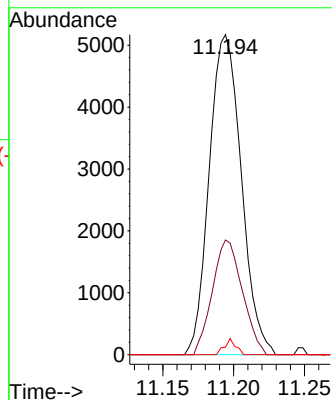
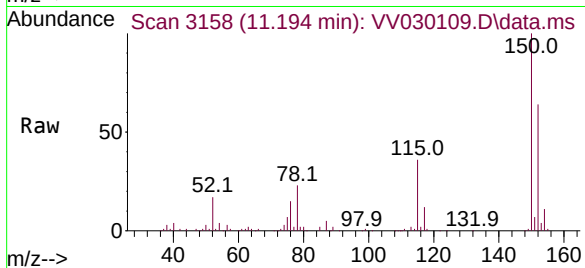
Tgt Ion: 75 Resp: 8135

Ion Ratio Lower Upper

75 100

77 33.5 26.5 39.7

110 1.7 31.8 47.6#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.204 ug/L

RT: 12.201 min Scan# 3471

Delta R.T. -0.174 min

Lab File: VV030109.D

Acq: 01 Mar 2023 14:50

Tgt Ion: 75 Resp: 234

Ion Ratio Lower Upper

75 100

155 0.0 79.1 118.7#

157 0.0 95.5 143.3#

