

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
 Data File : VV030309.D
 Acq On : 23 Mar 2023 14:30
 Operator : SY/MD
 Sample : 02041-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB954DL

Quant Time: Mar 24 02:51:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:42:05 2023
 Response via : Initial Calibration

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

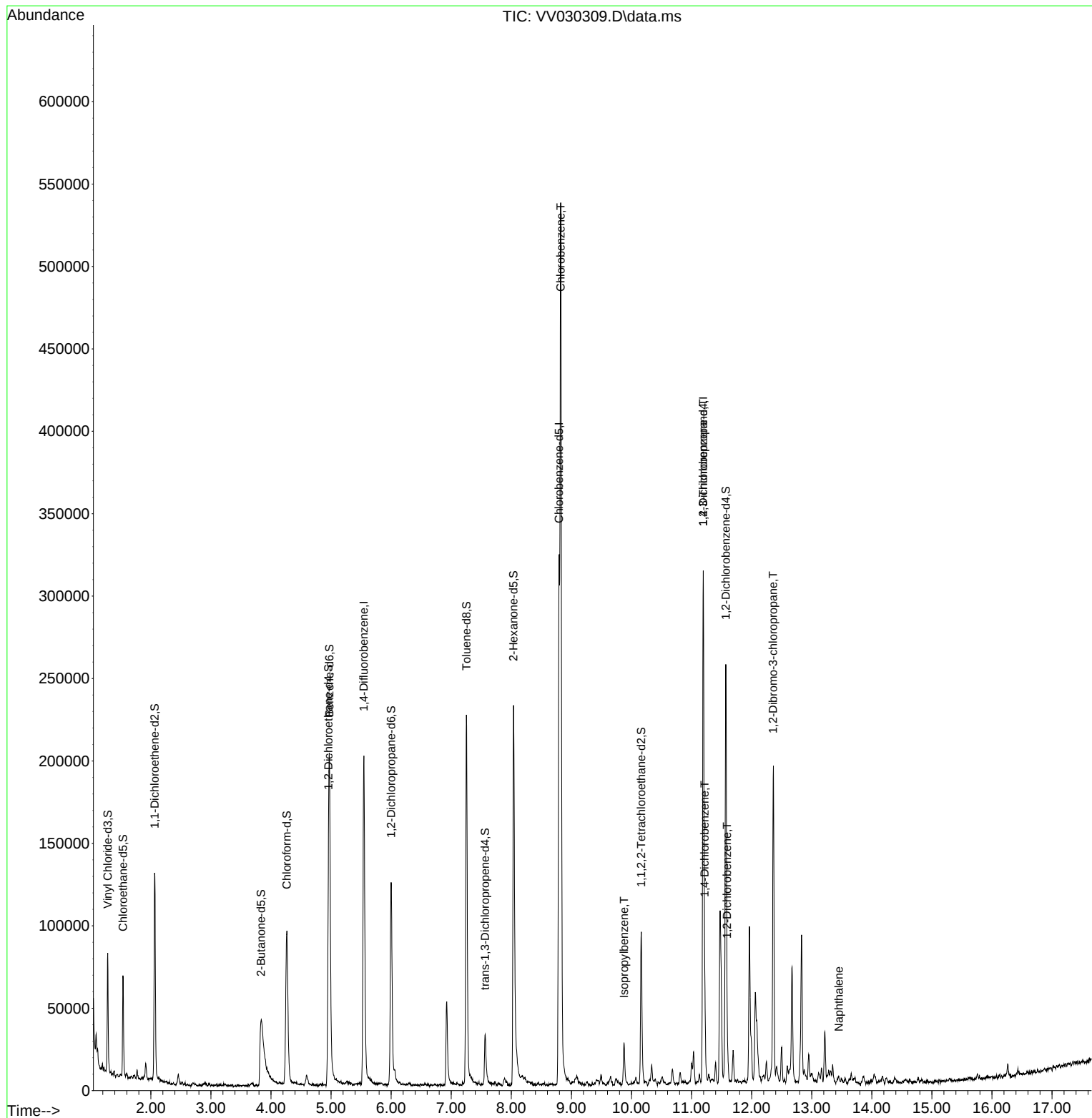
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	166547	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	161631	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	40037	3.630	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.535	69	39033	3.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.063	63	68848	2.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.600%#
20) 2-Butanone-d5	3.834	46	113815	39.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.840%
24) Chloroform-d	4.262	84	98417	3.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	4.957	65	49864	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
32) Benzene-d6	4.973	84	178873	3.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	5.998	67	56647	3.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.252	98	148356	3.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.564	79	19304	3.596	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.037	63	84854	39.333	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.660%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42836	3.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	62754	4.358	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.821	112	268866	6.867	ug/L	98
60) Isopropylbenzene	9.876	105	14863	0.250	ug/L #	85
61) 1,2,3-Trichloropropane	11.194	75	14963	2.077	ug/L #	41
65) 1,4-Dichlorobenzene	11.217	146	19132	0.641	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	2201	0.082	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.358	75	1052	0.587	ug/L #	3
71) Naphthalene	13.451	128	1594	0.063	ug/L	96

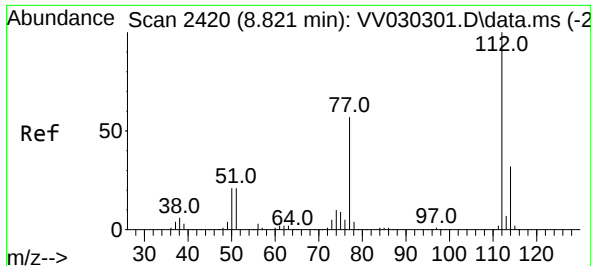
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032323\
Data File : VV030309.D
Acq On : 23 Mar 2023 14:30
Operator : SY/MD
Sample : 02041-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB954DL

Quant Time: Mar 24 02:51:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 24 02:42:05 2023
Response via : Initial Calibration

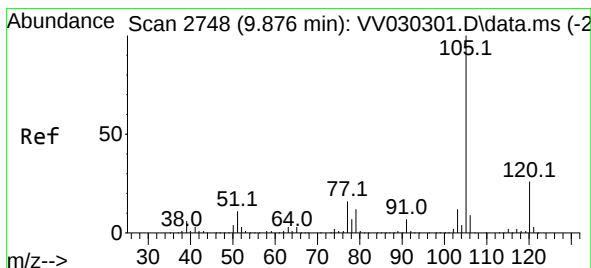
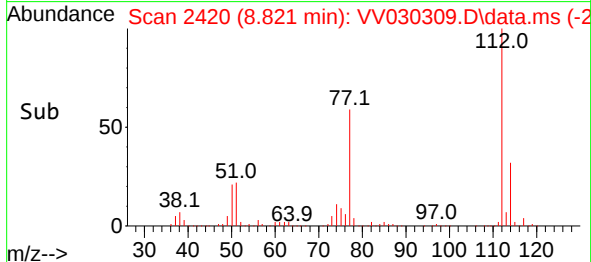
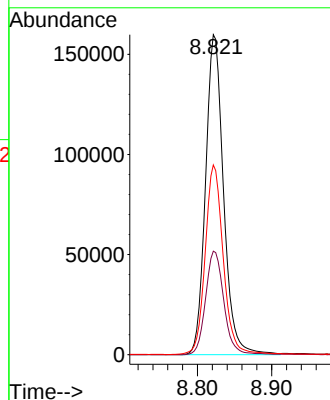
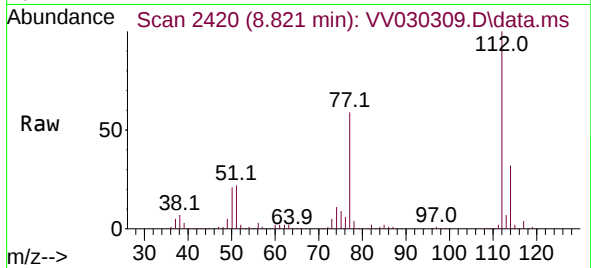




#51
Chlorobenzene
Concen: 6.867 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030309.D
Acq: 23 Mar 2023 14:30

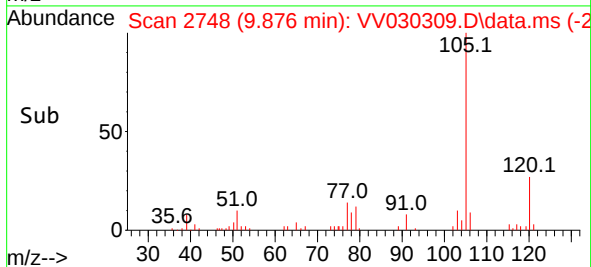
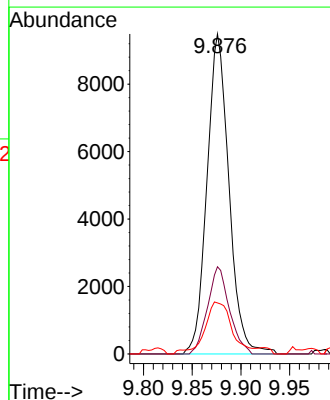
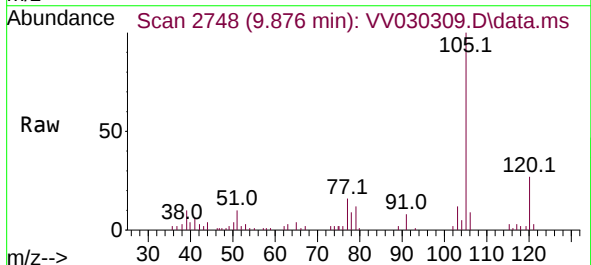
Instrument :
MSVOA_V
ClientSampleId :
CB954DL

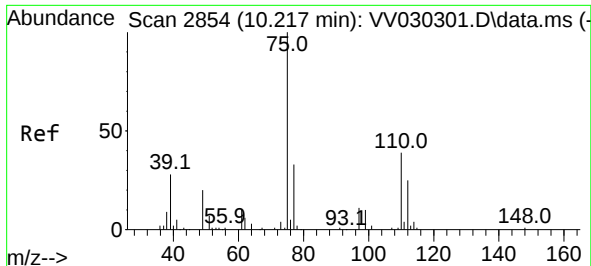
Tgt Ion:112 Resp: 268866
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 59.3 45.9 68.9



#60
Isopropylbenzene
Concen: 0.250 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. -0.000 min
Lab File: VV030309.D
Acq: 23 Mar 2023 14:30

Tgt Ion:105 Resp: 14863
Ion Ratio Lower Upper
105 100
120 27.1 21.1 31.7
77 0.0 12.9 19.3





#61

1,2,3-Trichloropropane

Concen: 2.077 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030309.D

Acq: 23 Mar 2023 14:30

Instrument :

MSVOA_V

ClientSampleId :

CB954DL

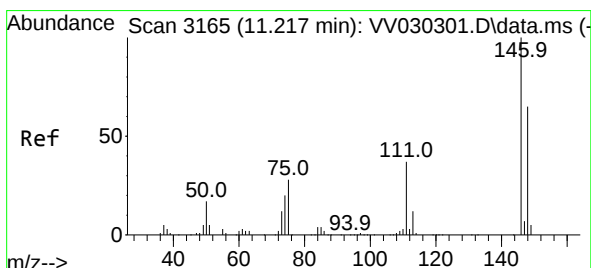
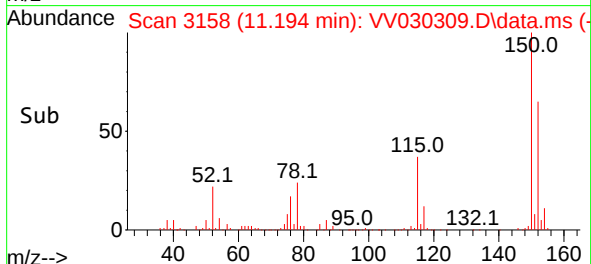
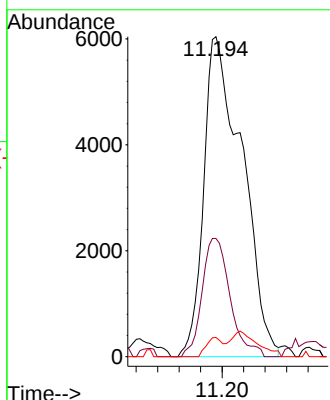
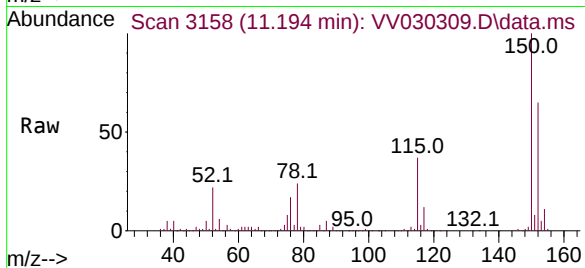
Tgt Ion: 75 Resp: 14963

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#

110 2.4 31.6 47.4#



#65

1,4-Dichlorobenzene

Concen: 0.641 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VV030309.D

Acq: 23 Mar 2023 14:30

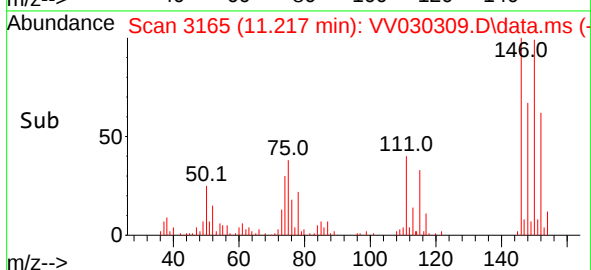
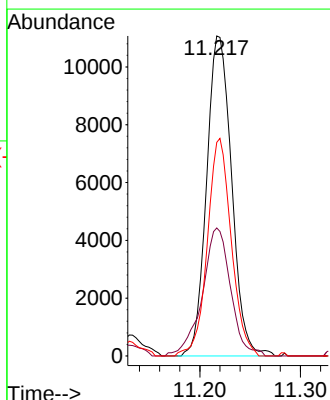
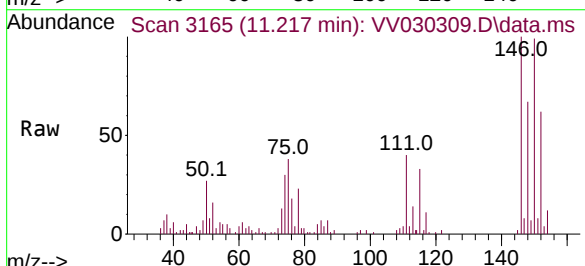
Tgt Ion: 146 Resp: 19132

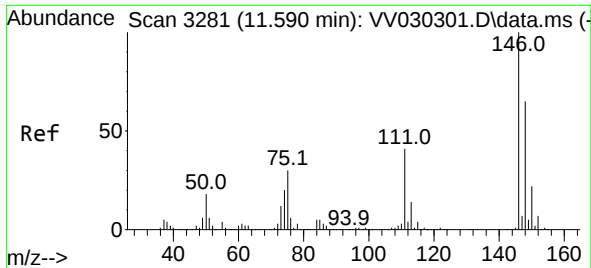
Ion Ratio Lower Upper

146 100

111 40.0 26.0 48.4

148 66.8 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 0.082 ug/L

RT: 11.590 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030309.D

Acq: 23 Mar 2023 14:30

Instrument :

MSVOA_V

ClientSampleId :

CB954DL

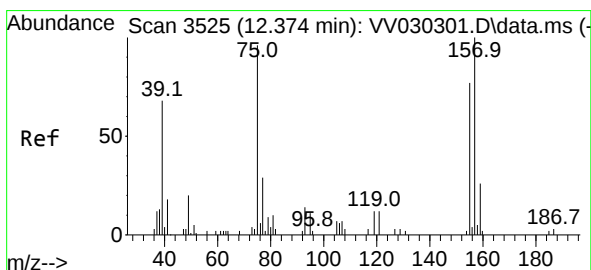
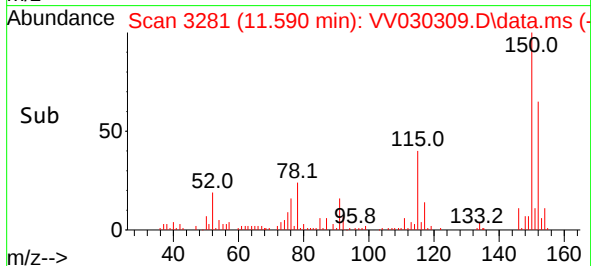
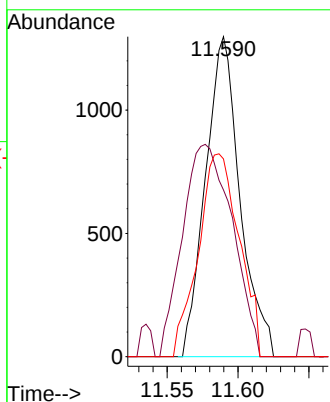
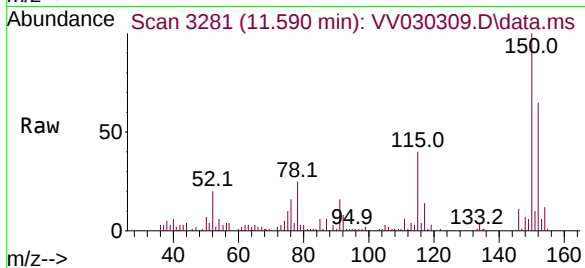
Tgt Ion:146 Resp: 2201

Ion Ratio Lower Upper

146 100

111 52.1 33.1 49.7#

148 61.8 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.587 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.016 min

Lab File: VV030309.D

Acq: 23 Mar 2023 14:30

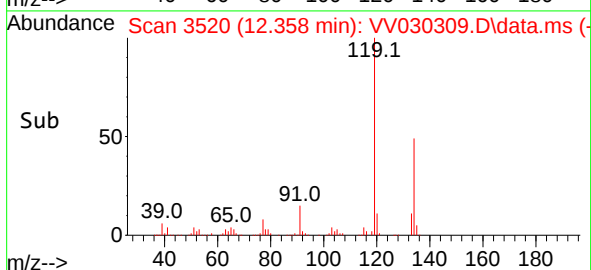
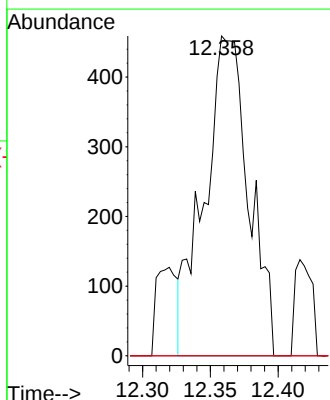
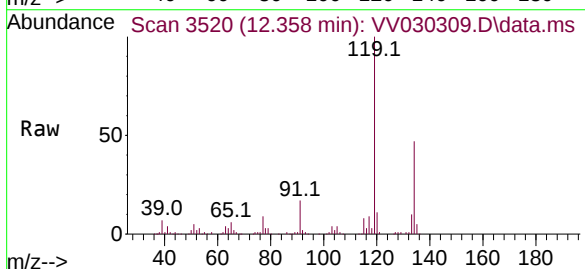
Tgt Ion: 75 Resp: 1052

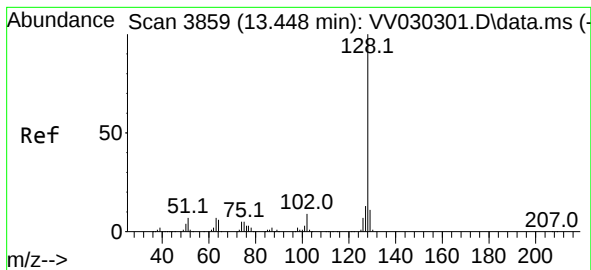
Ion Ratio Lower Upper

75 100

155 0.0 64.6 96.8#

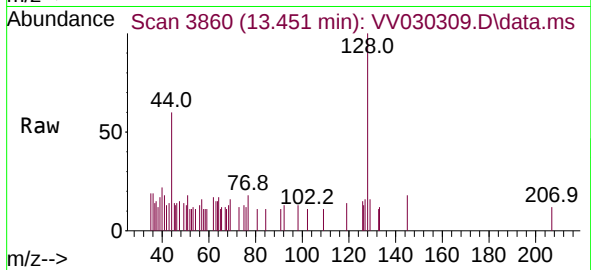
157 0.0 83.8 125.6#





#71
Naphthalene
Concen: 0.063 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030309.D
Acq: 23 Mar 2023 14:30

Instrument :
MSVOA_V
ClientSampleId :
CB954DL



Tgt Ion:	128	Resp:	1594
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	15.8	10.8	16.2

