

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030751.D
 Acq On : 21 Apr 2023 05:16
 Operator : SY/MD
 Sample : 02398-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN6

Quant Time: Apr 21 06:16:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 01:37:39 2023
 Response via : Initial Calibration

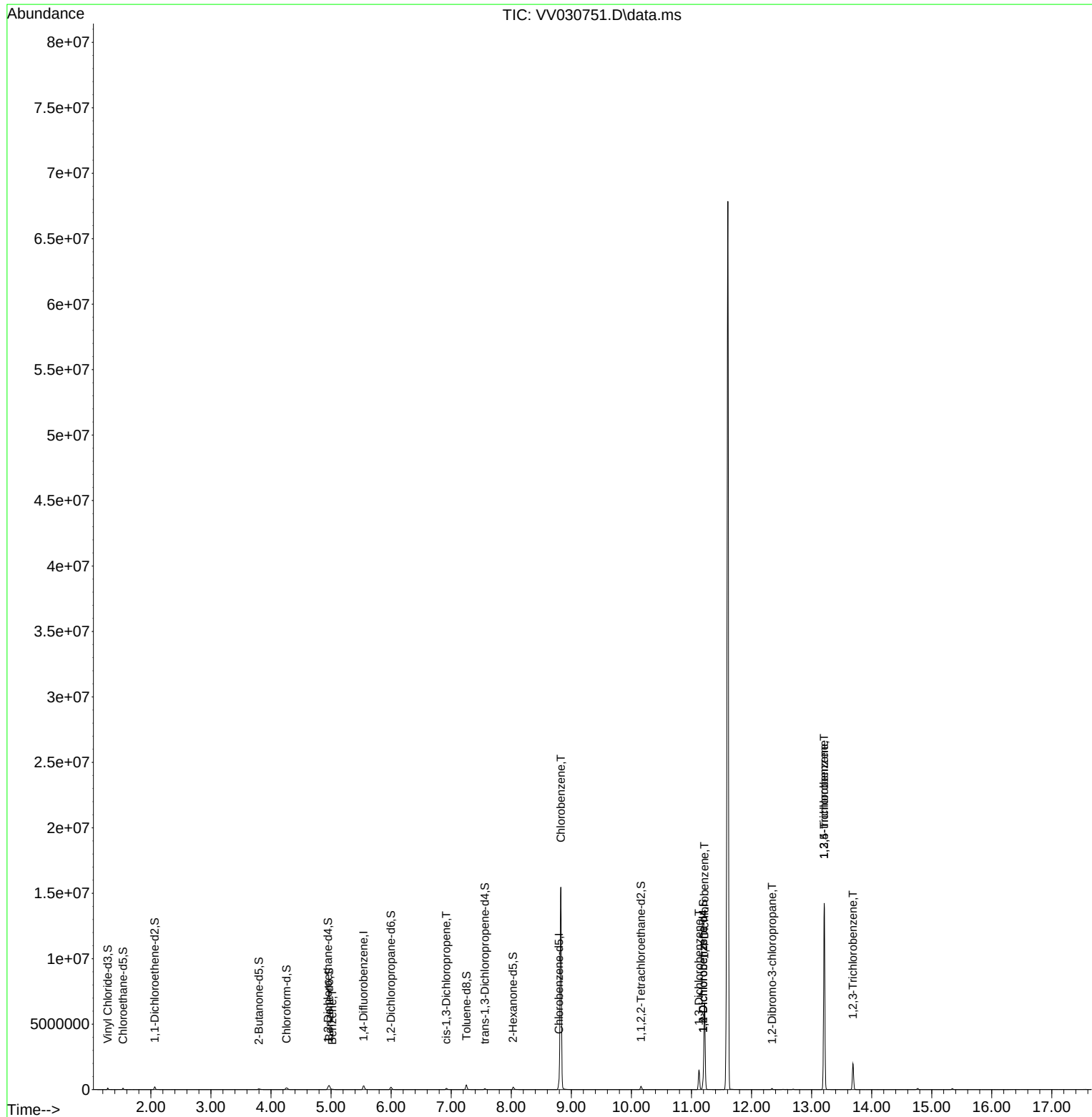
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	246890	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	243478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	145949	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	73831	40.793	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	81.580%	
7) Chloroethane-d5	1.535	69	61894	40.809	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	81.620%	
11) 1,1-Dichloroethene-d2	2.066	65	35942	41.875	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.760%	
21) 2-Butanone-d5	3.799	46	94900	95.463	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	95.460%	
24) Chloroform-d	4.259	84	137284	41.855	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.720%	
26) 1,2-Dichloroethane-d4	4.950	65	98155	46.547	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.100%	
32) Benzene-d6	4.969	84	257605	44.750	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.500%	
36) 1,2-Dichloropropane-d6	5.998	67	79507	44.464	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.920%	
41) Toluene-d8	7.252	98	226929	41.987	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.980%	
43) trans-1,3-Dichloroprop...	7.561	79	37357	41.450	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.900%	
47) 2-Hexanone-d5	8.030	63	64286	91.262	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	91.260%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	108391	41.775	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	83.540%	
66) 1,2-Dichlorobenzene-d4	11.194	152	141792	61.122	ug/L	-0.37
Spiked Amount	50.000	Range 80 - 120	Recovery	=	122.240%#	
Target Compounds						
33) Benzene	5.021	78	18044	2.440	ug/L	100
39) cis-1,3-Dichloropropene	6.918	75	2961	0.991	ug/L #	73
51) Chlorobenzene	8.825	112	6946591	1324.456	ug/L	95
64) 1,3-Dichlorobenzene	11.127	146	556413	122.099	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	2413473	502.241	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.342	75	12052	15.562	ug/L #	6
69) 1,3,5-Trichlorobenzene	13.210	180	3768718	1094.781	ug/L	99
70) 1,2,4-trichlorobenzene	13.210	180	3768718	1289.407	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	544878	188.000	ug/L	100

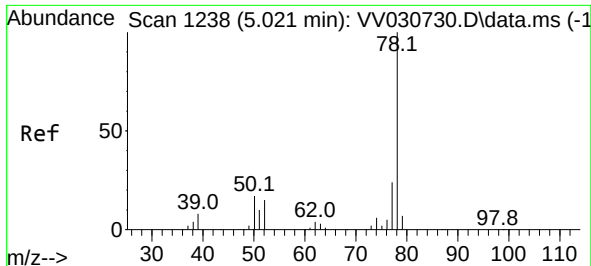
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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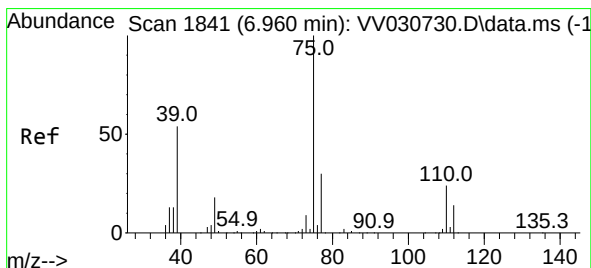
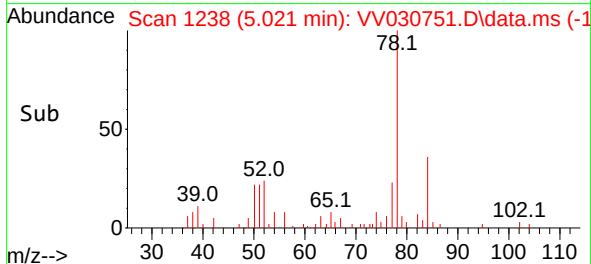
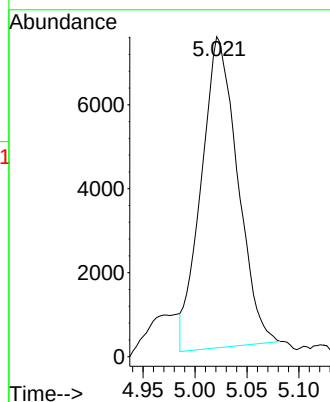
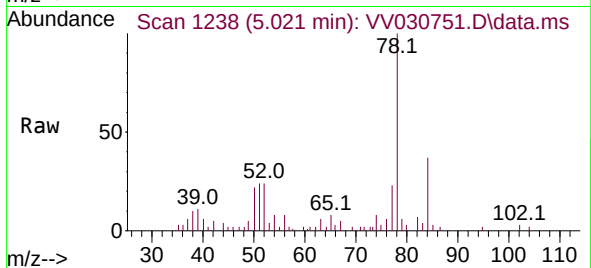




#33
Benzene
Concen: 2.440 ug/L
RT: 5.021 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

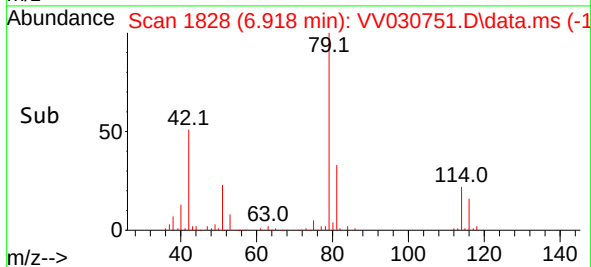
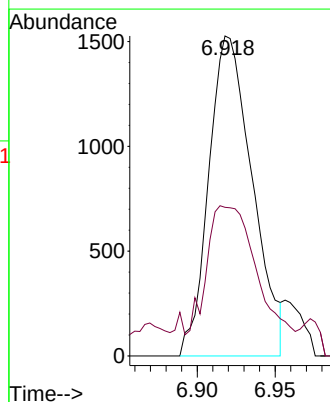
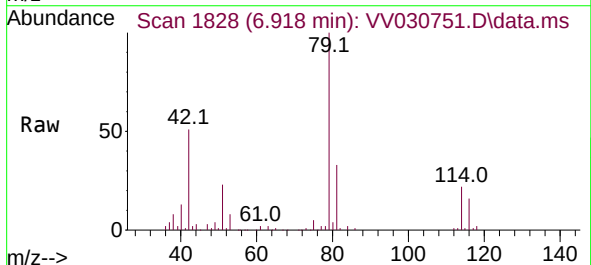
Instrument :
MSVOA_V
ClientSampleId :
COMN6

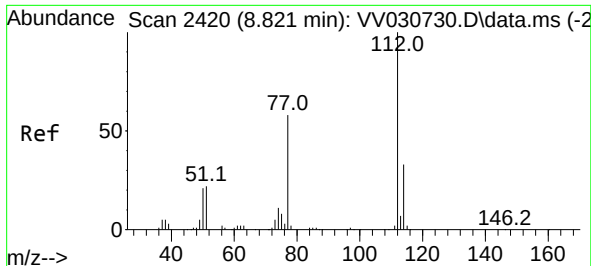
Tgt Ion: 78 Resp: 18044



#39
cis-1,3-Dichloropropene
Concen: 0.991 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.042 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

Tgt Ion: 75 Resp: 2961
Ion Ratio Lower Upper
75 100
77 46.4 22.0 40.8#

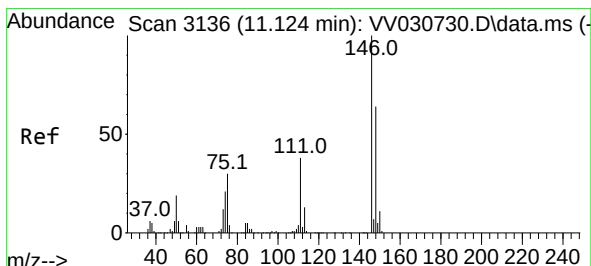
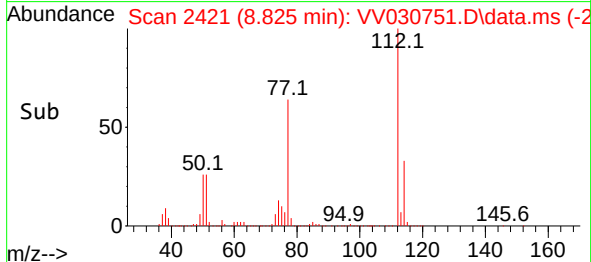
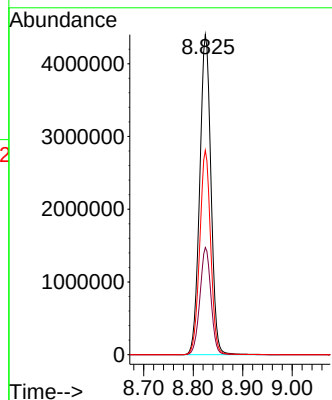
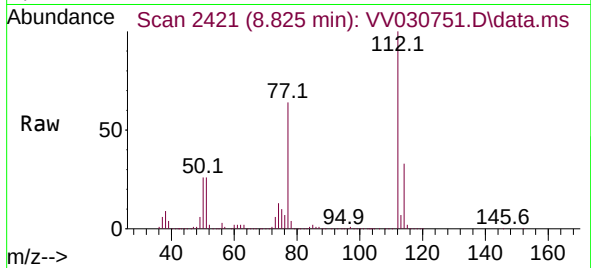




#51
Chlorobenzene
Concen: 1324.456 ug/L
RT: 8.825 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

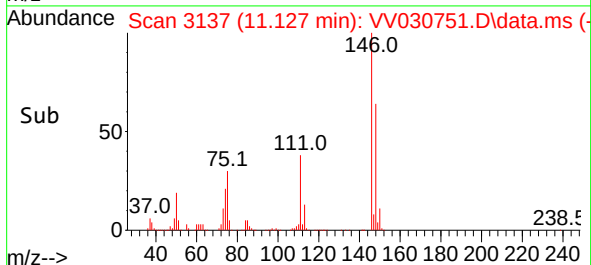
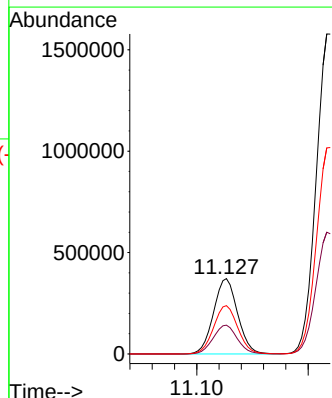
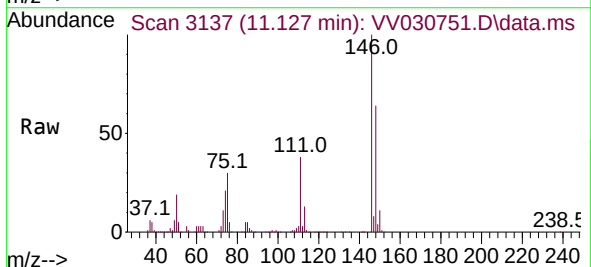
Instrument :
MSVOA_V
ClientSampleId :
COMN6

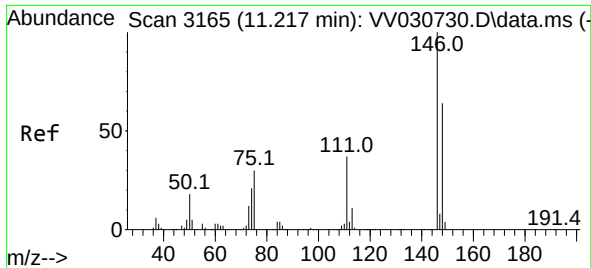
Tgt Ion:112 Resp: 6946591
Ion Ratio Lower Upper
112 100
114 33.5 22.4 41.6
77 63.9 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 122.099 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

Tgt Ion:146 Resp: 556413
Ion Ratio Lower Upper
146 100
111 38.3 27.0 50.2
148 64.0 44.8 83.2

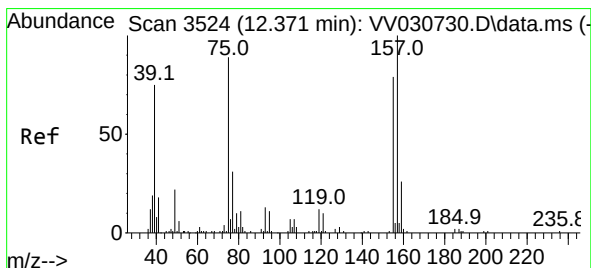
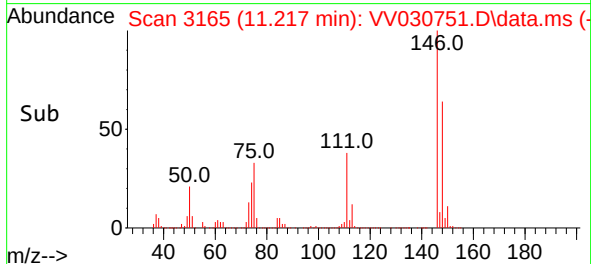
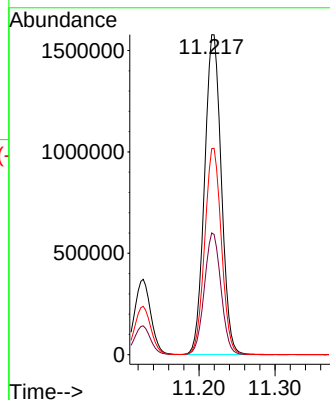
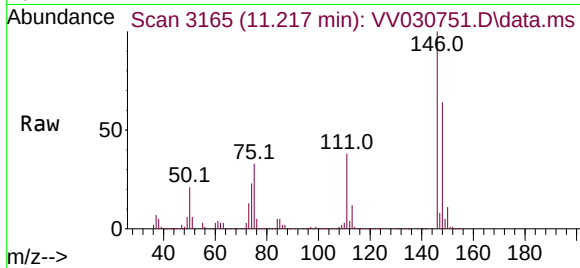




#65
1,4-Dichlorobenzene
Concen: 502.241 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

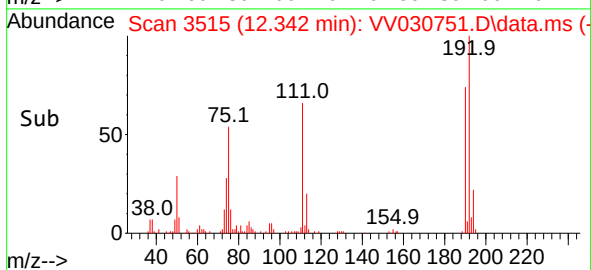
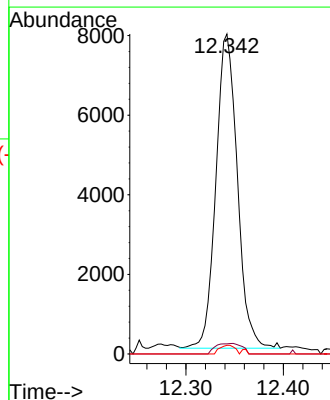
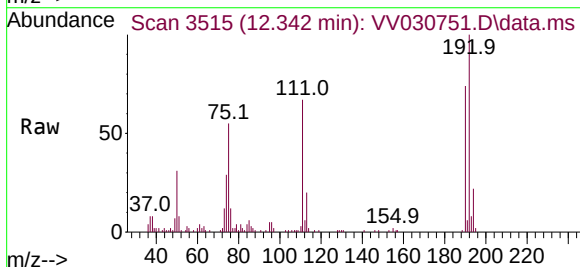
Instrument :
MSVOA_V
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COMN6

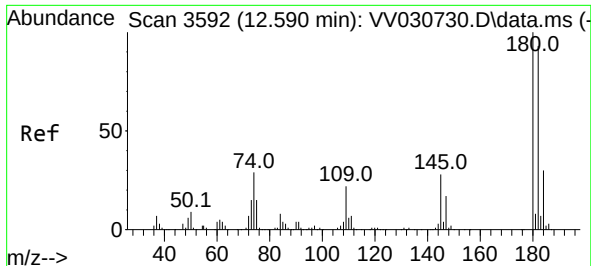
Tgt Ion:146 Resp: 2413473
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.1
148 64.4 44.7 83.1



#68
1,2-Dibromo-3-chloropropane
Concen: 15.562 ug/L
RT: 12.342 min Scan# 3515
Delta R.T. -0.029 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

Tgt Ion: 75 Resp: 12052
Ion Ratio Lower Upper
75 100
155 3.2 65.0 97.6#
157 2.7 84.4 126.6#





#69

1,3,5-Trichlorobenzene

Concen: 1094.781 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.620 min

Lab File: VV030751.D

Acq: 21 Apr 2023 05:16

Instrument :

MSVOA_V

ClientSampleId :

COMN6

Tgt Ion:180 Resp: 3768718

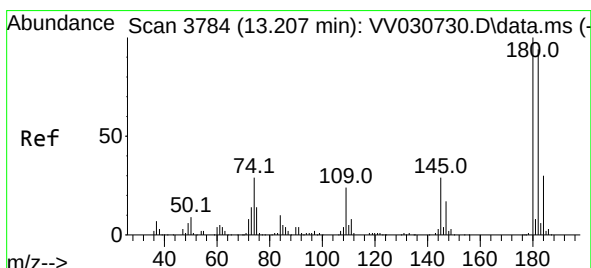
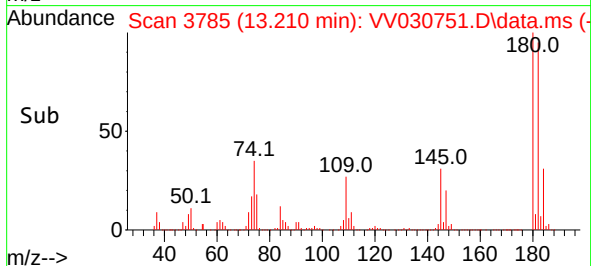
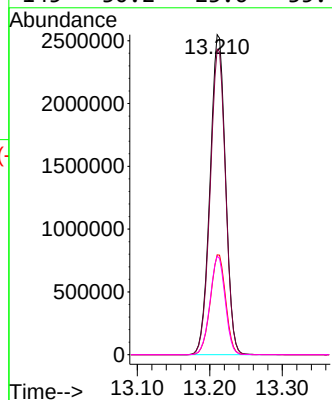
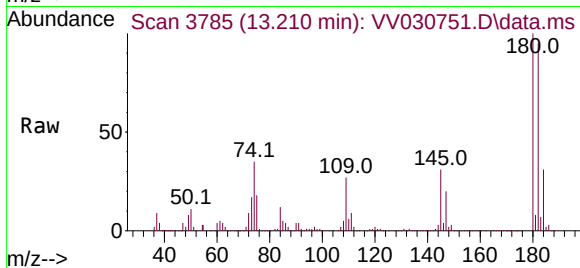
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

184 31.0 24.1 36.1

145 30.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1289.407 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV030751.D

Acq: 21 Apr 2023 05:16

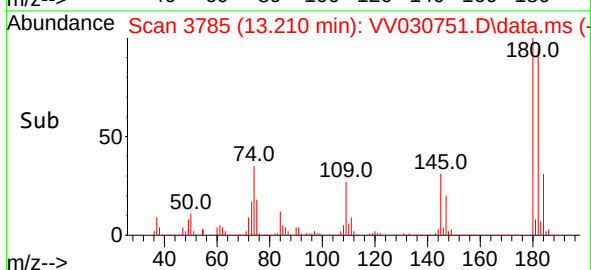
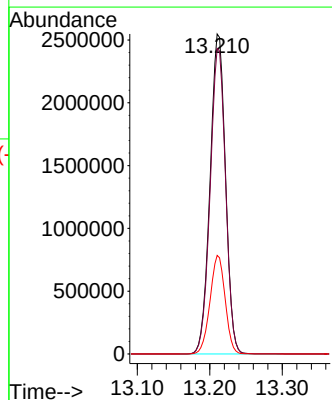
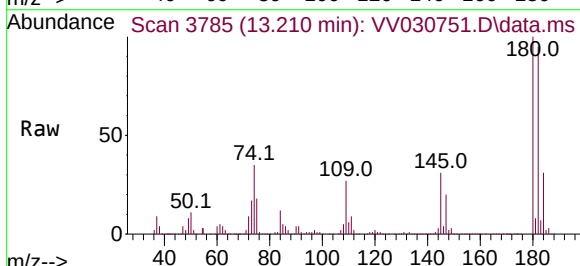
Tgt Ion:180 Resp: 3768718

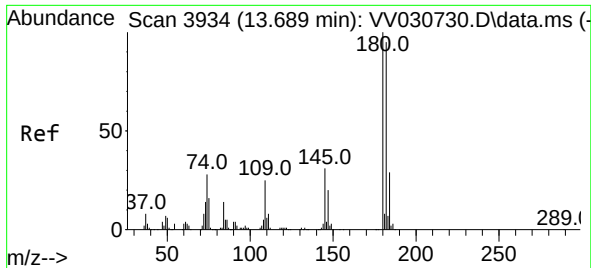
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 30.2 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 188.000 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030751.D
 Acq: 21 Apr 2023 05:16

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Tgt Ion:180 Resp: 544878
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.4
 145 30.8 25.1 37.7

