

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030769.D
 Acq On : 21 Apr 2023 16:55
 Operator : SY/MD
 Sample : 02398-11DL2 1000X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP2DL2

Quant Time: Apr 22 00:47:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

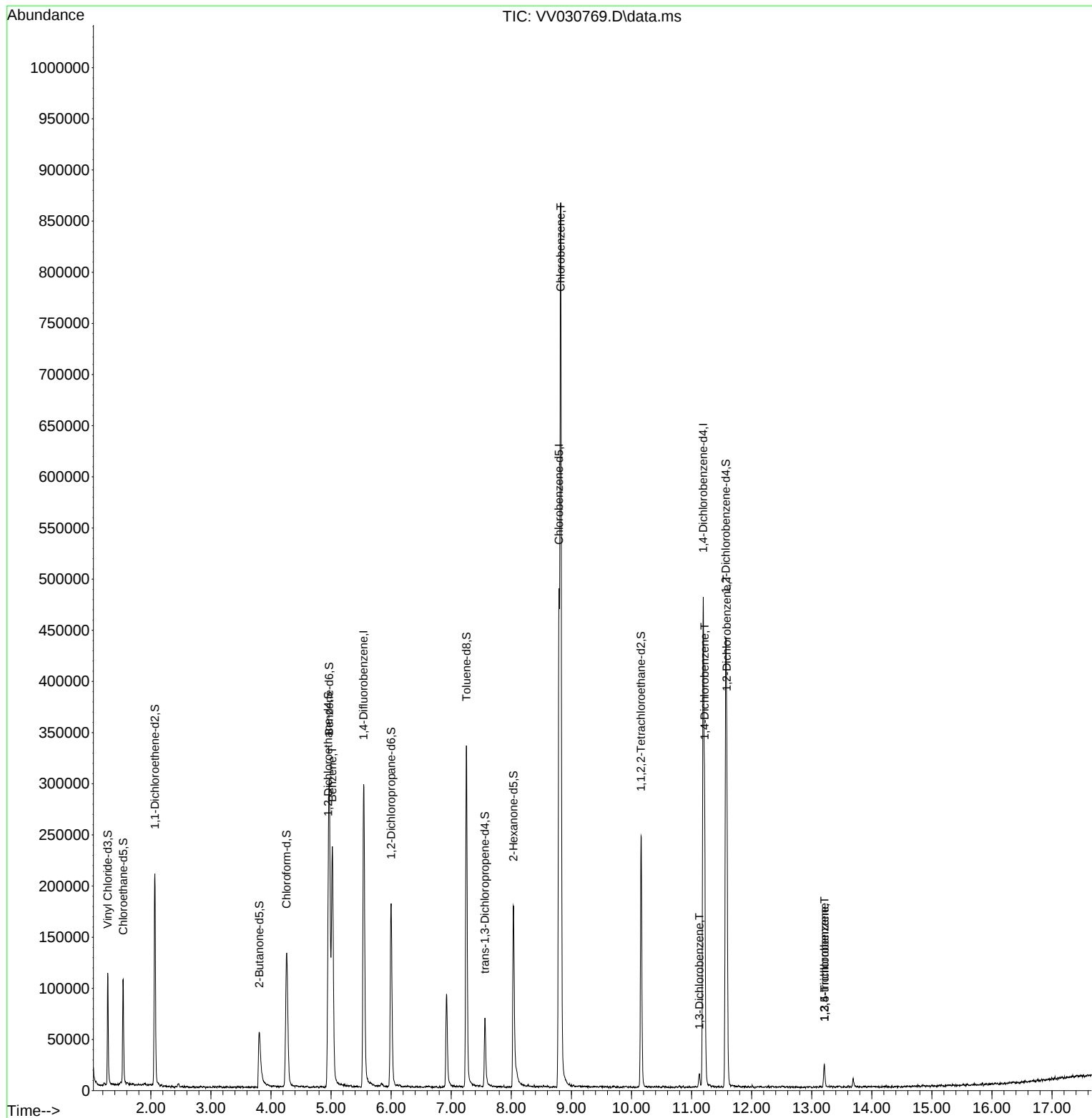
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	249360	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	238859	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	119897	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	72268	39.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.060%
7) Chloroethane-d5	1.539	69	63692	41.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.160%
11) 1,1-Dichloroethene-d2	2.066	65	34263	39.524	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.040%
21) 2-Butanone-d5	3.805	46	91520	91.151	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.150%
24) Chloroform-d	4.259	84	137833	41.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.220%
26) 1,2-Dichloroethane-d4	4.953	65	95003	44.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.220%
32) Benzene-d6	4.969	84	249630	44.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	5.998	67	77563	44.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.440%
41) Toluene-d8	7.252	98	220877	41.657	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	7.561	79	37824	42.780	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.560%
47) 2-Hexanone-d5	8.034	63	59257	85.750	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.750%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	108044	42.446	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.900%
66) 1,2-Dichlorobenzene-d4	11.570	152	90718	47.603	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
33) Benzene	5.021	78	227572	31.375	ug/L	100
51) Chlorobenzene	8.821	112	424471	82.496	ug/L	99
64) 1,3-Dichlorobenzene	11.130	146	5425	1.449	ug/L	88
65) 1,4-Dichlorobenzene	11.217	146	98509	24.954	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	100395	26.583	ug/L	99
69) 1,3,5-Trichlorobenzene	13.213	180	6093	2.155	ug/L	91
70) 1,2,4-trichlorobenzene	13.213	180	6093	2.538	ug/L	90

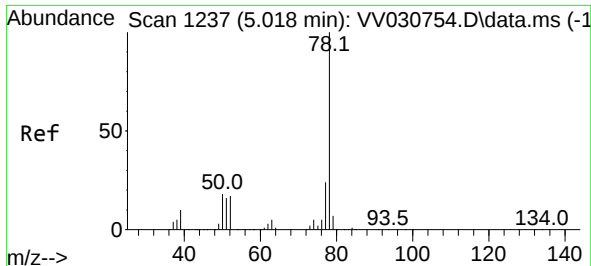
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COMP2DL2

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Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration

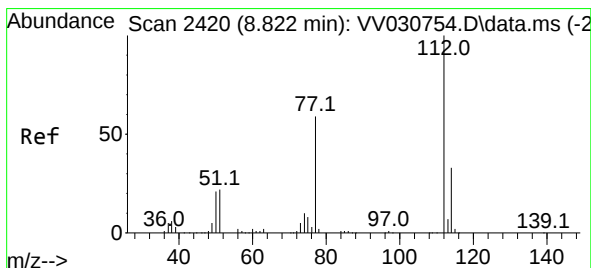
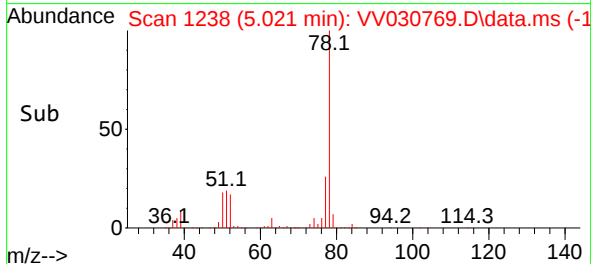
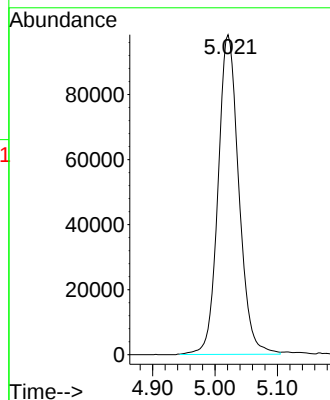
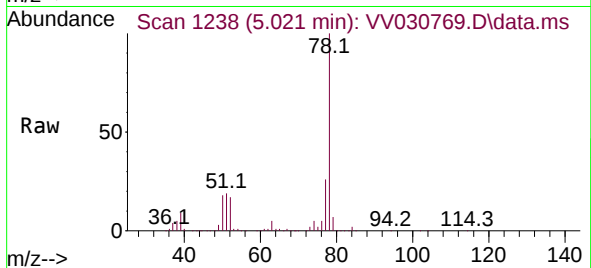




#33
Benzene
Concen: 31.375 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030769.D
Acq: 21 Apr 2023 16:55

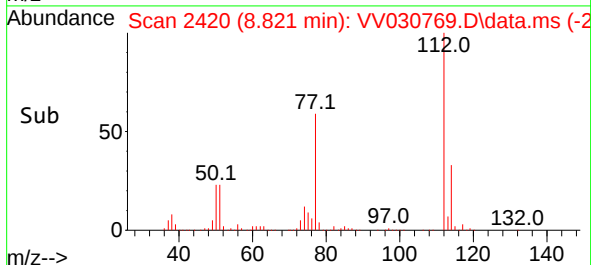
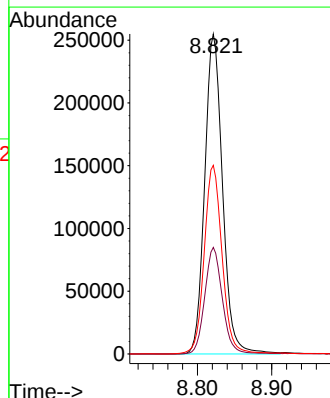
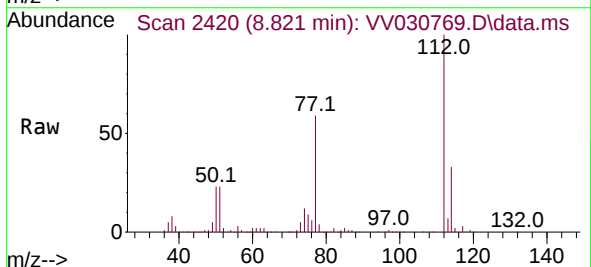
Instrument :
MSVOA_V
ClientSampleId :
COMP2DL2

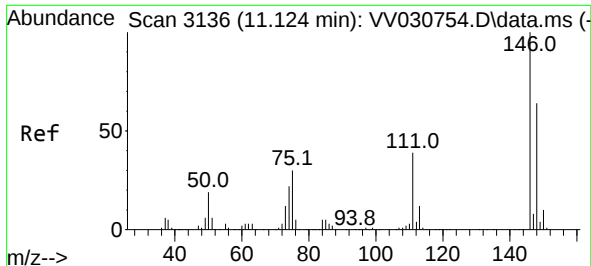
Tgt Ion: 78 Resp: 227572



#51
Chlorobenzene
Concen: 82.496 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030769.D
Acq: 21 Apr 2023 16:55

Tgt Ion: 112 Resp: 424471
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 59.0 47.4 71.0

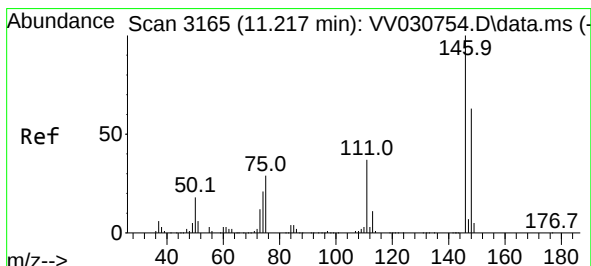
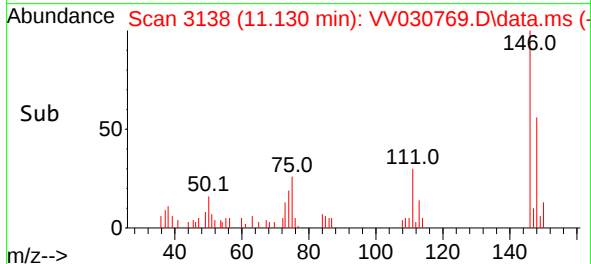
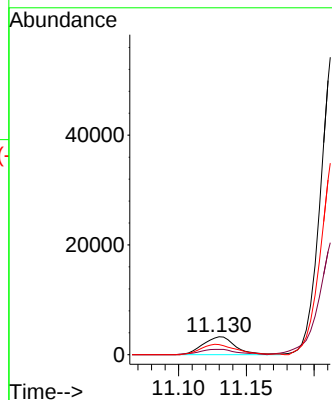
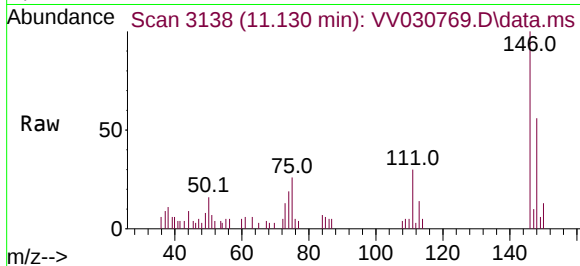




#64
1,3-Dichlorobenzene
Concen: 1.449 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.006 min
Lab File: VV030769.D
Acq: 21 Apr 2023 16:55

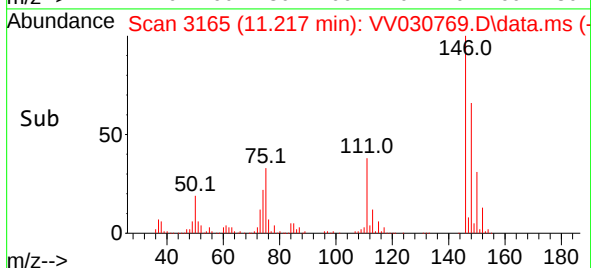
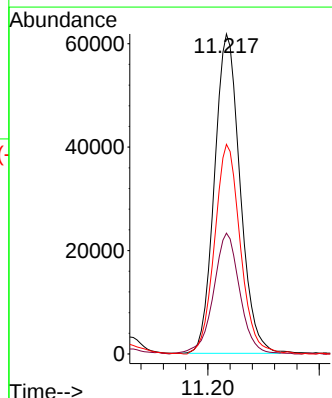
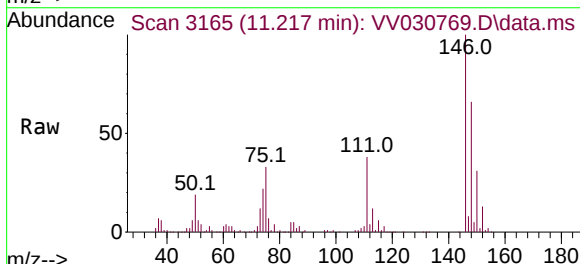
Instrument :
MSVOA_V
ClientSampleId :
COMP2DL2

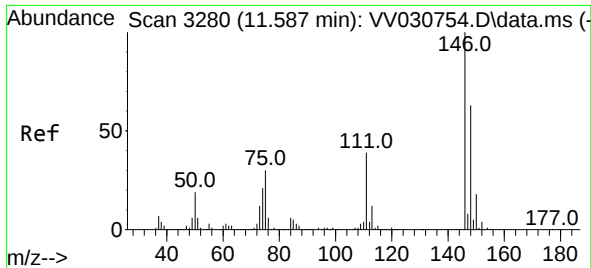
Tgt Ion:146 Resp: 5425
Ion Ratio Lower Upper
146 100
111 29.7 27.0 50.2
148 56.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 24.954 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030769.D
Acq: 21 Apr 2023 16:55

Tgt Ion:146 Resp: 98509
Ion Ratio Lower Upper
146 100
111 37.7 26.5 49.1
148 65.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 26.583 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030769.D

Acq: 21 Apr 2023 16:55

Instrument :

MSVOA_V

ClientSampleId :

COMP2DL2

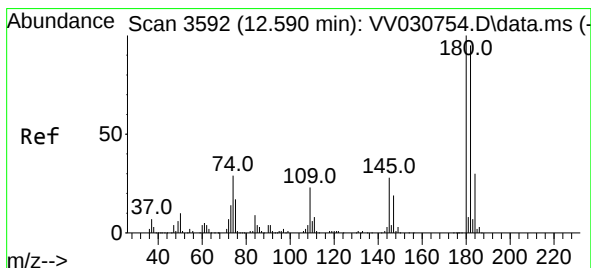
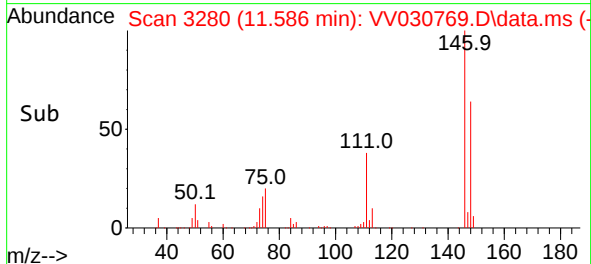
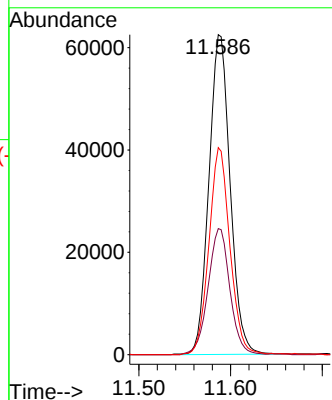
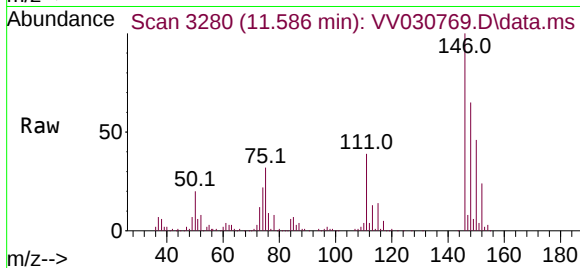
Tgt Ion:146 Resp: 100395

Ion Ratio Lower Upper

146 100

111 39.4 32.0 48.0

148 64.7 50.6 76.0



#69

1,3,5-Trichlorobenzene

Concen: 2.155 ug/L

RT: 13.213 min Scan# 3786

Delta R.T. 0.624 min

Lab File: VV030769.D

Acq: 21 Apr 2023 16:55

Tgt Ion:180 Resp: 6093

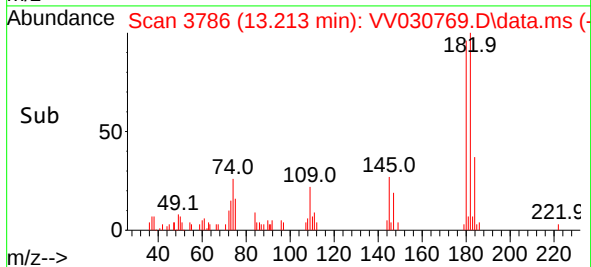
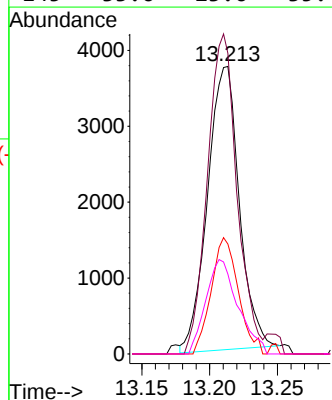
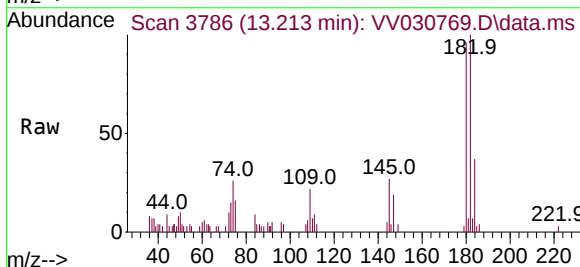
Ion Ratio Lower Upper

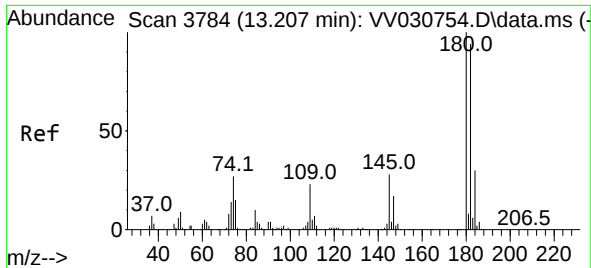
180 100

182 105.0 76.4 114.6

184 34.5 24.1 36.1

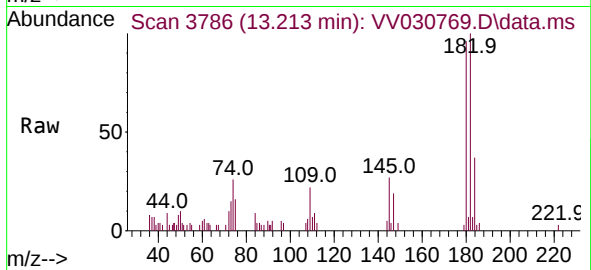
145 33.6 23.6 35.4





#70
 1,2,4-trichlorobenzene
 Concen: 2.538 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV030769.D
 Acq: 21 Apr 2023 16:55

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP2DL2



Tgt Ion:	180	Resp:	6093
Ion	Ratio	Lower	Upper
180	100		
182	105.0	75.9	113.9
145	33.6	23.4	35.2

