

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030785.D
 Acq On : 24 Apr 2023 12:12
 Operator : SY/MD
 Sample : 02398-03DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN2DL

Quant Time: Apr 25 03:21:49 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)

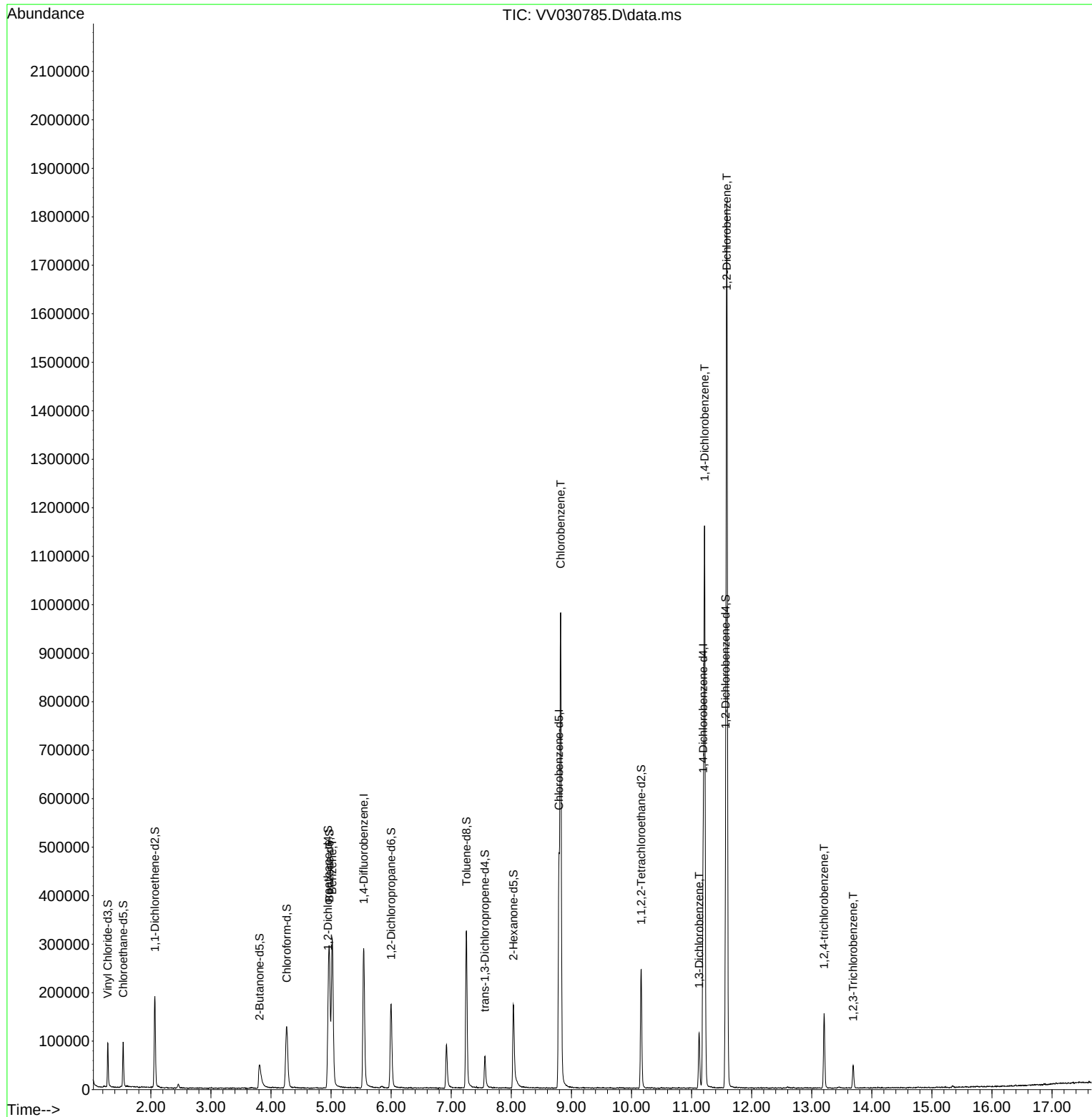
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	242613	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	236481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	123096	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61142	34.378	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.760%
7) Chloroethane-d5	1.539	69	54938	36.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.720%
11) 1,1-Dichloroethene-d2	2.066	65	31346	37.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.320%
21) 2-Butanone-d5	3.809	46	90086	92.218	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.220%
24) Chloroform-d	4.262	84	132505	41.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.220%
26) 1,2-Dichloroethane-d4	4.950	65	94515	45.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	4.969	84	241444	43.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.360%
36) 1,2-Dichloropropane-d6	5.998	67	74228	42.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.480%
41) Toluene-d8	7.252	98	213123	40.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.561	79	37456	42.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
47) 2-Hexanone-d5	8.034	63	59597	87.109	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.110%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	107504	42.659	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.320%
66) 1,2-Dichlorobenzene-d4	11.567	152	96868	49.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
Target Compounds						
					Qvalue	
33) Benzene	5.021	78	301697	42.012	ug/L	100
51) Chlorobenzene	8.821	112	494149	97.003	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	46086	11.991	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	428678	105.769	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	656074	169.202	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	45764	18.564	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	13556	5.546	ug/L	97

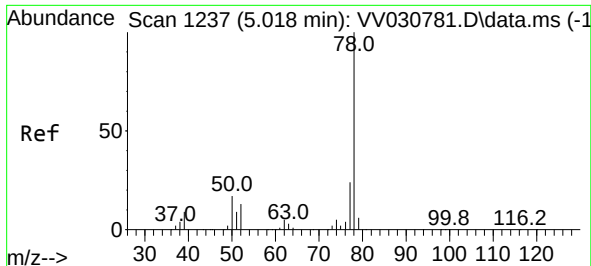
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
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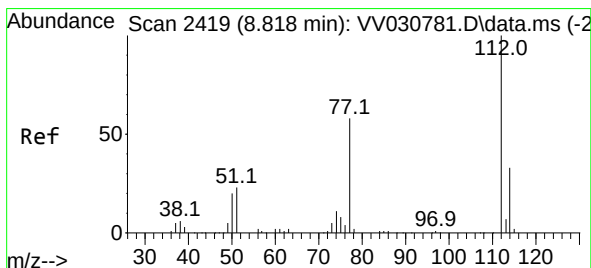
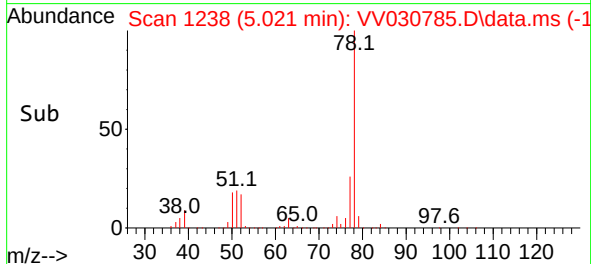
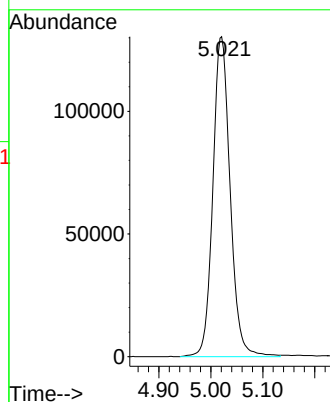
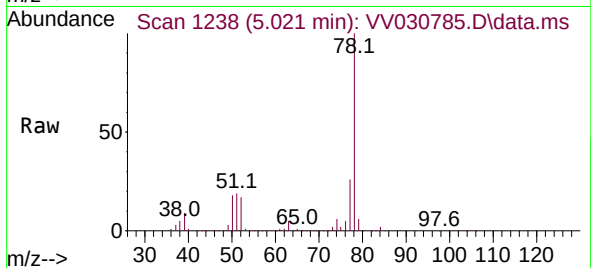




#33
Benzene
Concen: 42.012 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

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MSVOA_V
ClientSampleId :
COMN2DL

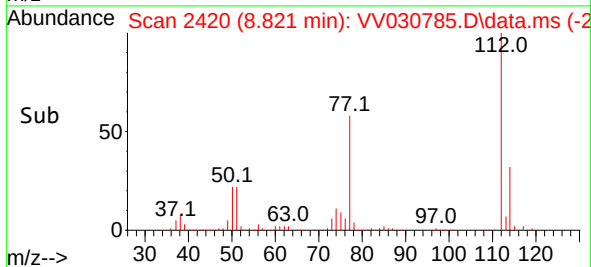
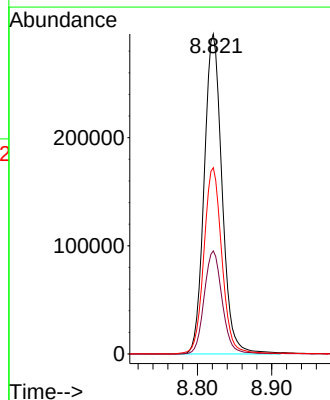
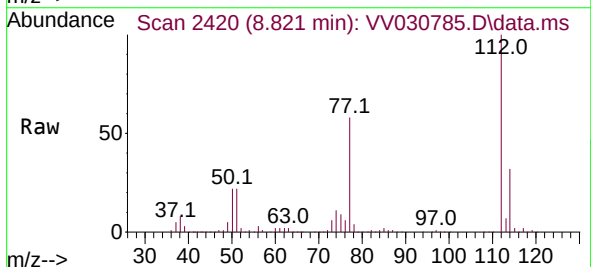
Tgt Ion: 78 Resp: 301697

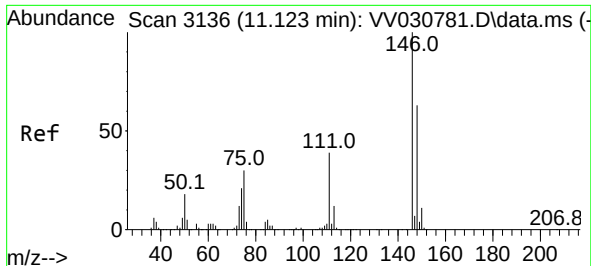


#51
Chlorobenzene
Concen: 97.003 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

Tgt Ion: 112 Resp: 494149

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	58.2	47.4	71.0

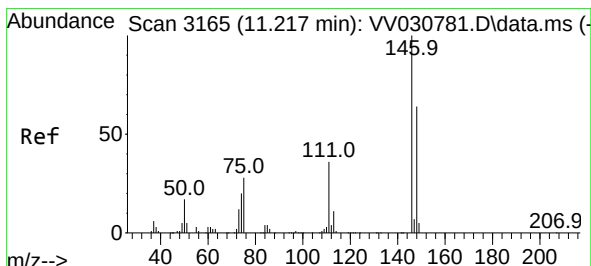
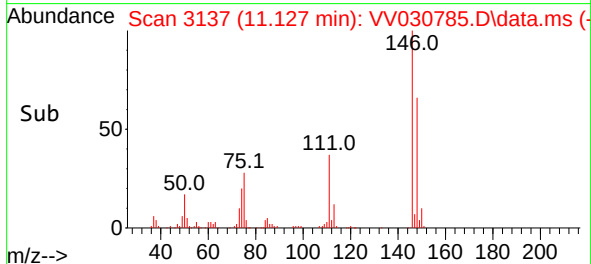
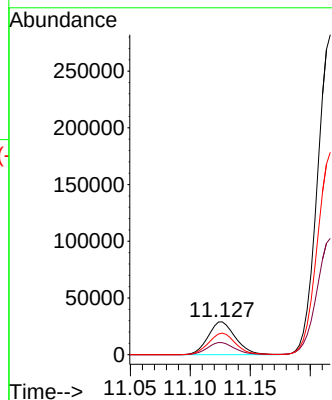
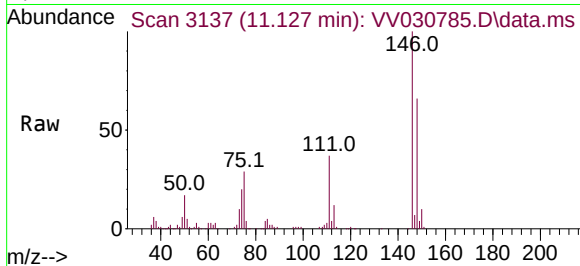




#64
1,3-Dichlorobenzene
Concen: 11.991 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

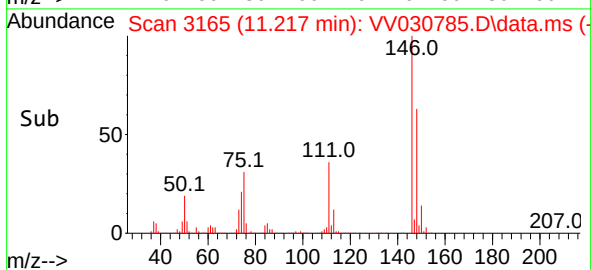
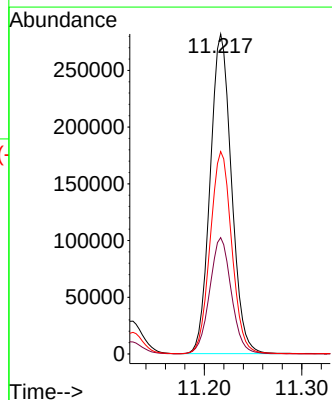
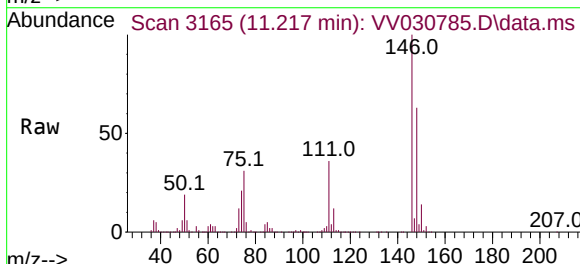
Instrument :
MSVOA_V
ClientSampleId :
COMN2DL

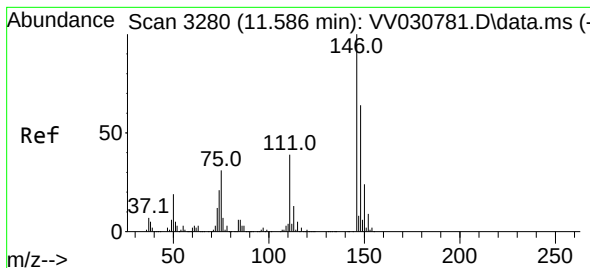
Tgt Ion:146 Resp: 46086
Ion Ratio Lower Upper
146 100
111 36.9 27.0 50.2
148 65.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 105.769 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030785.D
Acq: 24 Apr 2023 12:12

Tgt Ion:146 Resp: 428678
Ion Ratio Lower Upper
146 100
111 36.4 26.5 49.1
148 63.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 169.202 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030785.D

Acq: 24 Apr 2023 12:12

Instrument :

MSVOA_V

ClientSampleId :

COMN2DL

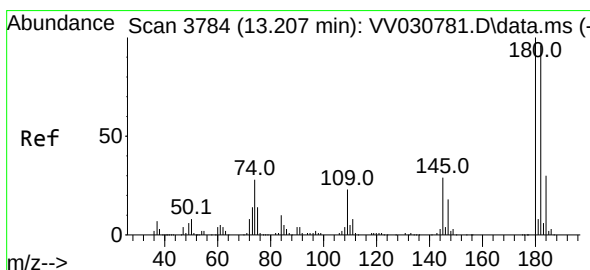
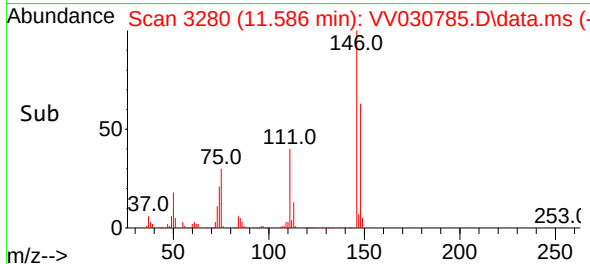
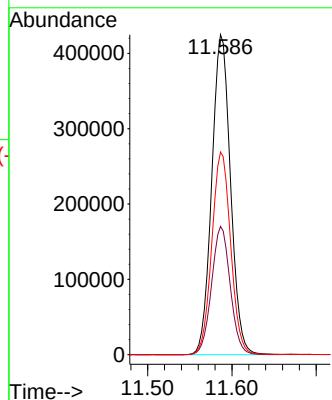
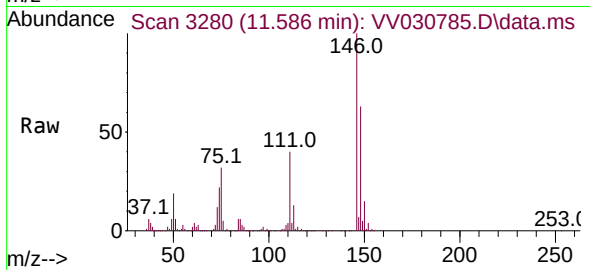
Tgt Ion:146 Resp: 656074

Ion Ratio Lower Upper

146 100

111 40.1 32.0 48.0

148 63.4 50.6 76.0



#70

1,2,4-trichlorobenzene

Concen: 18.564 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030785.D

Acq: 24 Apr 2023 12:12

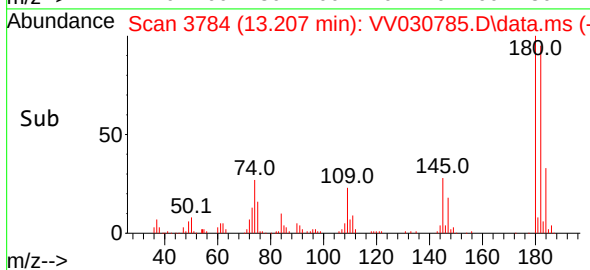
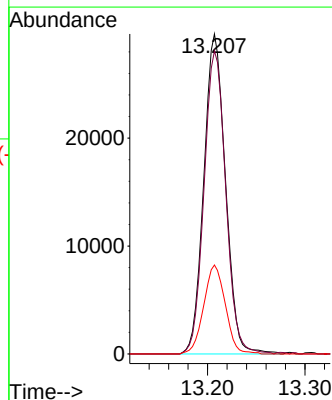
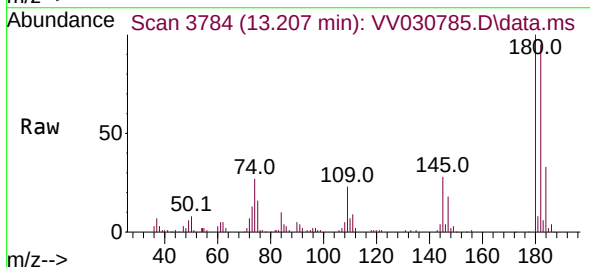
Tgt Ion:180 Resp: 45764

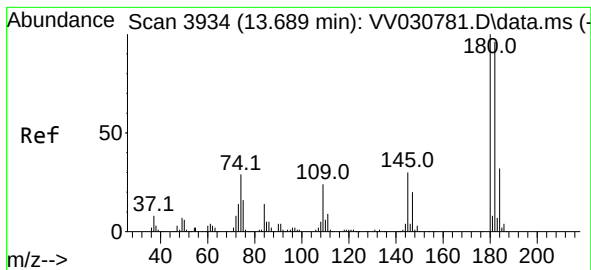
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 27.7 23.4 35.2





#72

1,2,3-Trichlorobenzene

Concen: 5.546 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030785.D

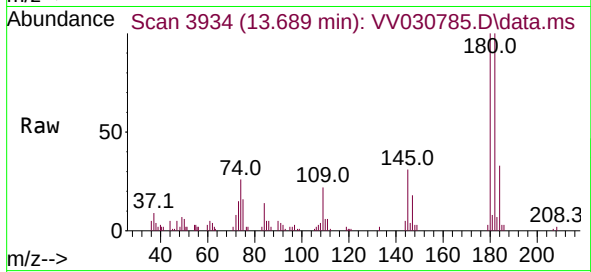
Acq: 24 Apr 2023 12:12

Instrument :

MSVOA_V

ClientSampleId :

COMN2DL



Tgt Ion:180 Resp: 13556

Ion Ratio Lower Upper

180 100

182 98.1 76.2 114.4

145 30.1 25.1 37.7

