

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030676.D
 Acq On : 19 Apr 2023 19:41
 Operator : SY/MD
 Sample : 02334-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:31:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

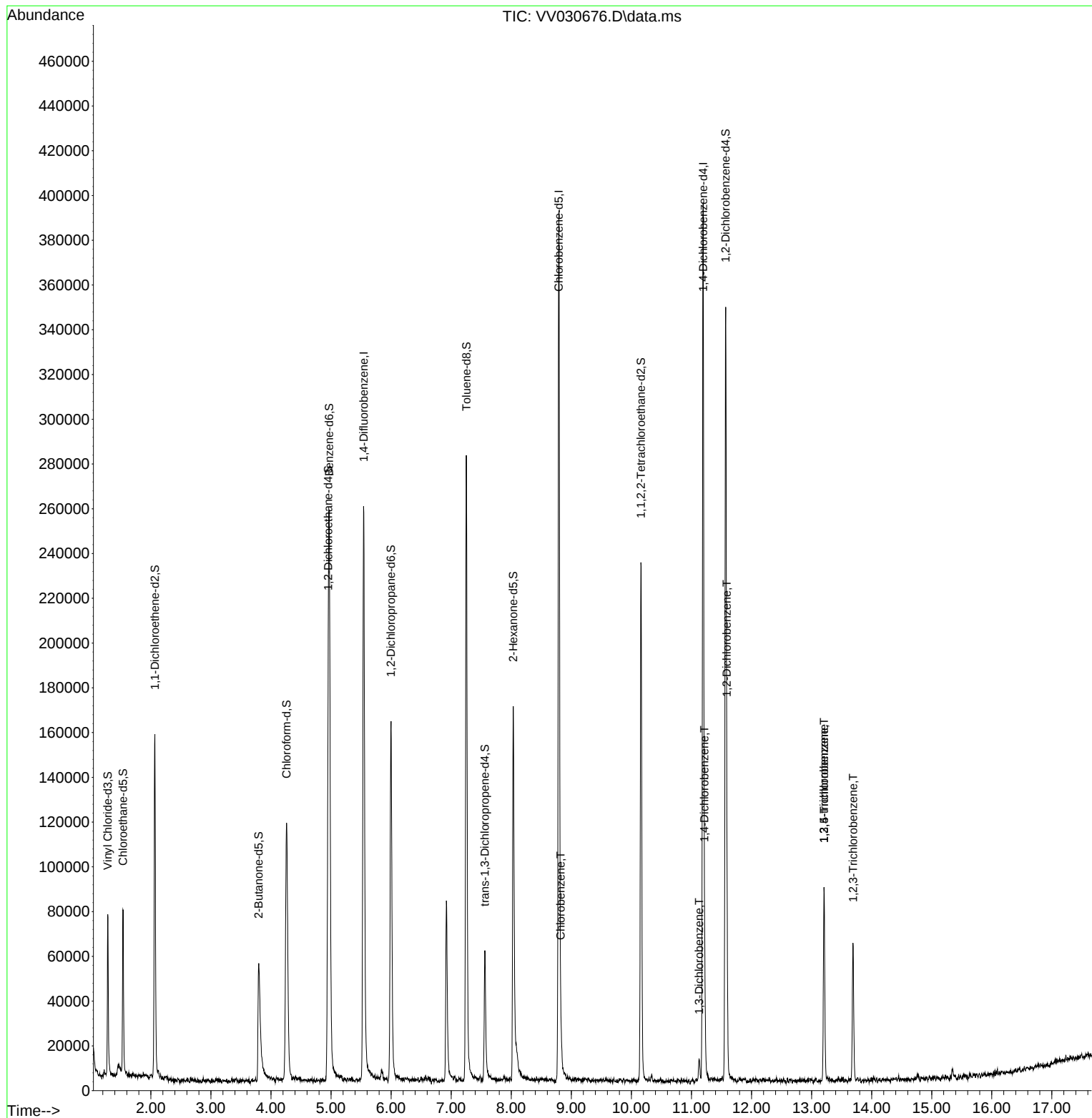
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	216210	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	205545	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	100794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	49523	31.245	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	62.500%	
7) Chloroethane-d5	1.535	69	46768	35.211	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	70.420%	
11) 1,1-Dichloroethene-d2	2.066	65	25999	34.589	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.180%	
21) 2-Butanone-d5	3.796	46	89901	103.267	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.270%	
24) Chloroform-d	4.259	84	122495	42.646	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.300%	
26) 1,2-Dichloroethane-d4	4.953	65	86704	46.951	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.900%	
32) Benzene-d6	4.969	84	209164	43.041	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.080%	
36) 1,2-Dichloropropane-d6	5.998	67	70087	46.429	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.860%	
41) Toluene-d8	7.252	98	179761	39.397	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	78.800%#	
43) trans-1,3-Dichloroprop...	7.561	79	32022	42.088	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.180%	
47) 2-Hexanone-d5	8.034	63	56046	94.248	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.250%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104094	47.522	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.040%	
66) 1,2-Dichlorobenzene-d4	11.570	152	81757	51.032	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.060%	
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.821	112	8455	1.910	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	3876	1.232	ug/L	95
65) 1,4-Dichlorobenzene	11.217	146	19633	5.916	ug/L	95
67) 1,2-Dichlorobenzene	11.586	146	27340	8.611	ug/L	95
69) 1,3,5-Trichlorobenzene	13.207	180	26259	11.045	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	26259	13.009	ug/L	100
72) 1,2,3-Trichlorobenzene	13.692	180	17978	8.982	ug/L	97

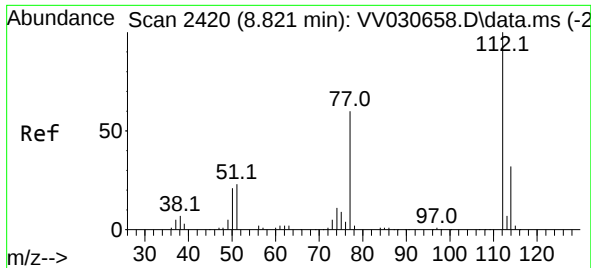
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
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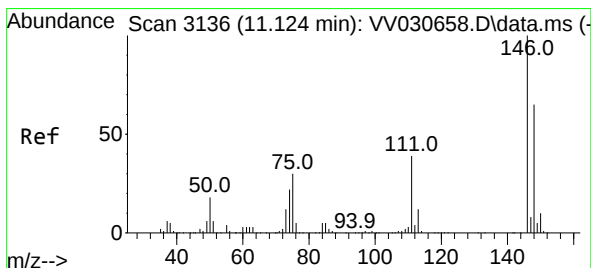
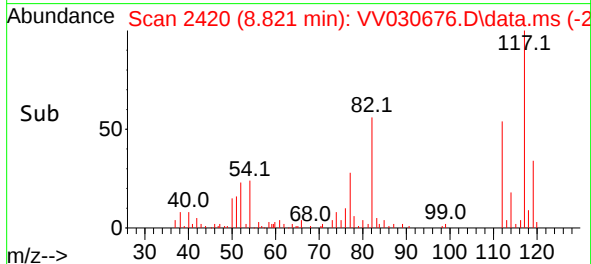
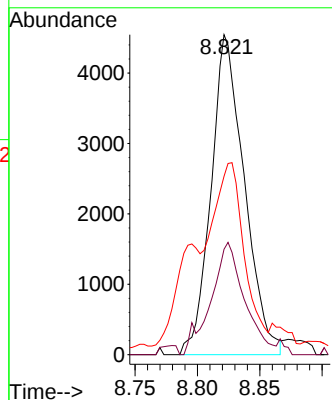
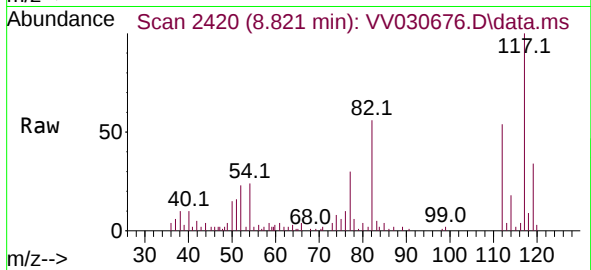




#51
Chlorobenzene
Concen: 1.910 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030676.D
Acq: 19 Apr 2023 19:41

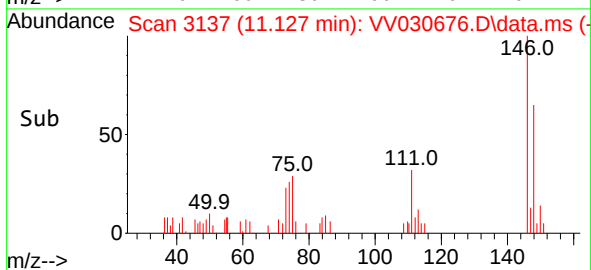
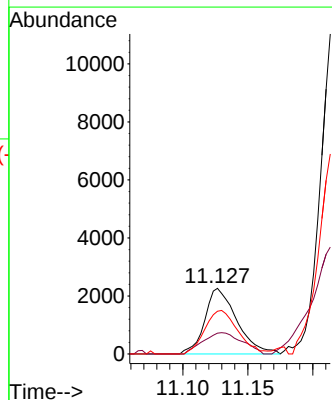
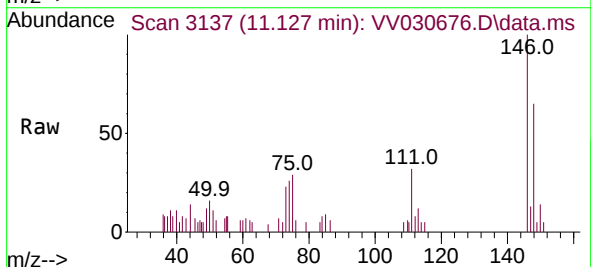
Instrument :
MSVOA_V
ClientSampleId :

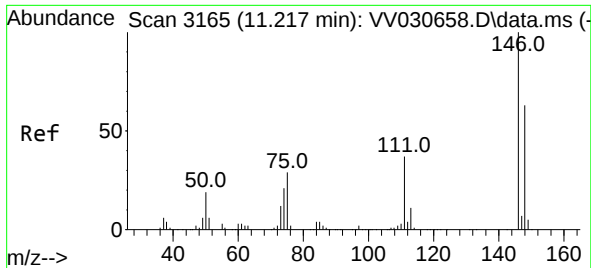
Tgt Ion:112 Resp: 8455
Ion Ratio Lower Upper
112 100
114 33.0 22.4 41.6
77 55.7 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 1.232 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030676.D
Acq: 19 Apr 2023 19:41

Tgt Ion:146 Resp: 3876
Ion Ratio Lower Upper
146 100
111 31.6 27.0 50.2
148 65.2 44.8 83.2

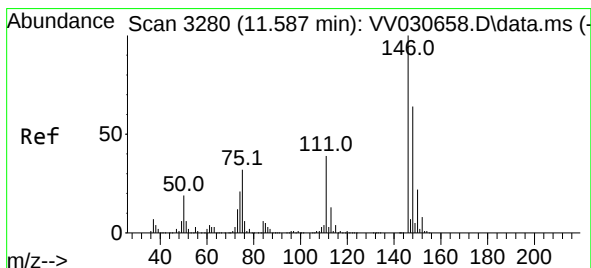
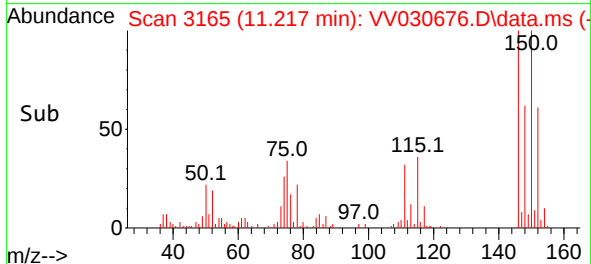
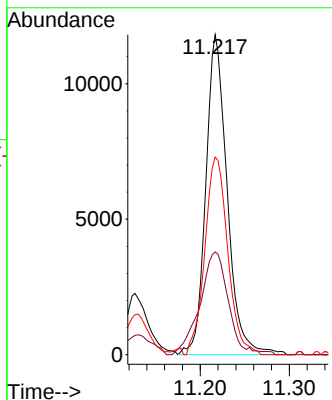
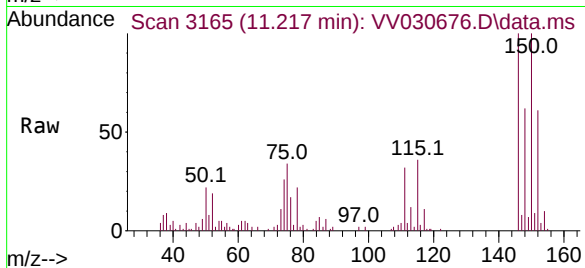




#65
1,4-Dichlorobenzene
Concen: 5.916 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030676.D
Acq: 19 Apr 2023 19:41

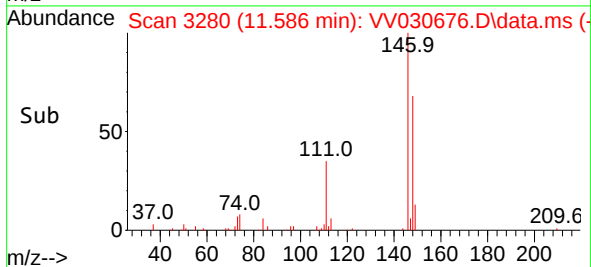
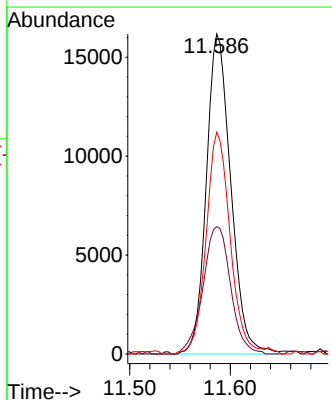
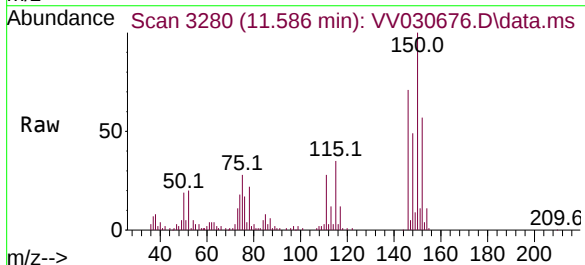
Instrument :
MSVOA_V
ClientSampleId :

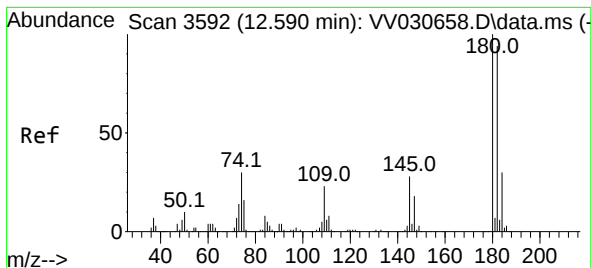
Tgt Ion:146 Resp: 19633
Ion Ratio Lower Upper
146 100
111 32.1 26.5 49.1
148 61.7 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 8.611 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030676.D
Acq: 19 Apr 2023 19:41

Tgt Ion:146 Resp: 27340
Ion Ratio Lower Upper
146 100
111 39.8 32.0 48.0
148 69.2 50.6 76.0





#69

1,3,5-Trichlorobenzene

Concen: 11.045 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.617 min

Lab File: VV030676.D

Acq: 19 Apr 2023 19:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 26259

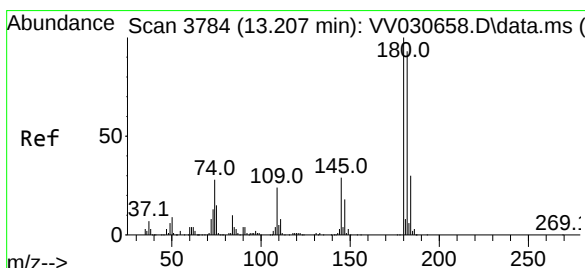
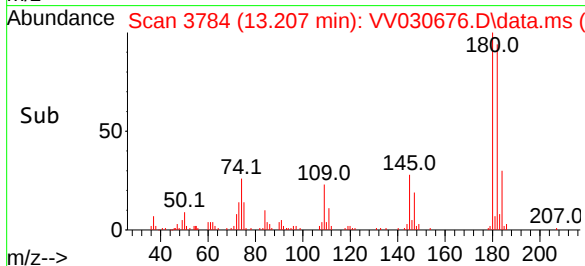
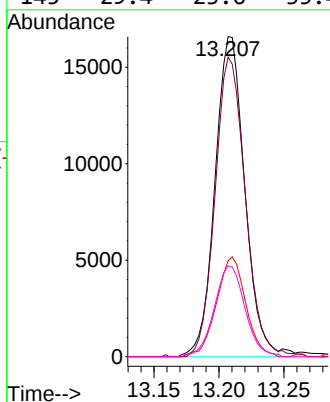
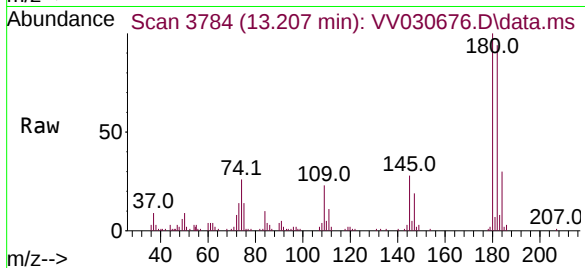
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

184 30.9 24.1 36.1

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 13.009 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030676.D

Acq: 19 Apr 2023 19:41

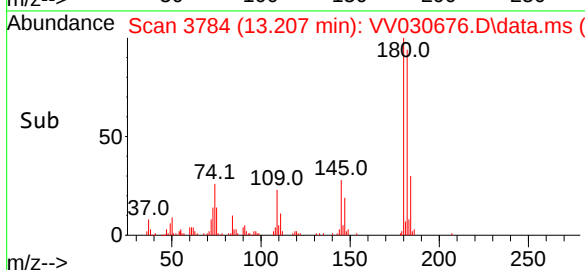
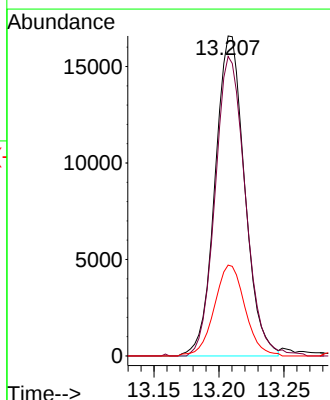
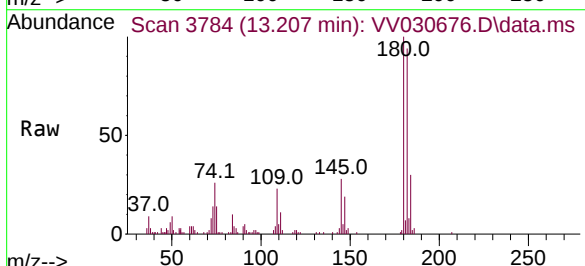
Tgt Ion:180 Resp: 26259

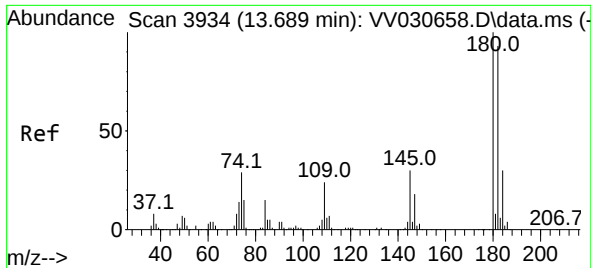
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

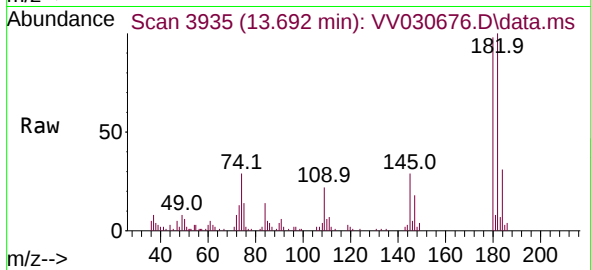
145 29.4 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 8.982 ug/L
 RT: 13.692 min Scan# 3935
 Delta R.T. 0.003 min
 Lab File: VV030676.D
 Acq: 19 Apr 2023 19:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	17978
Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.2	114.4
145	30.4	25.1	37.7

