

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030771.D
 Acq On : 21 Apr 2023 17:43
 Operator : SY/MD
 Sample : 02440-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP7

Quant Time: Apr 22 00:47:52 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)

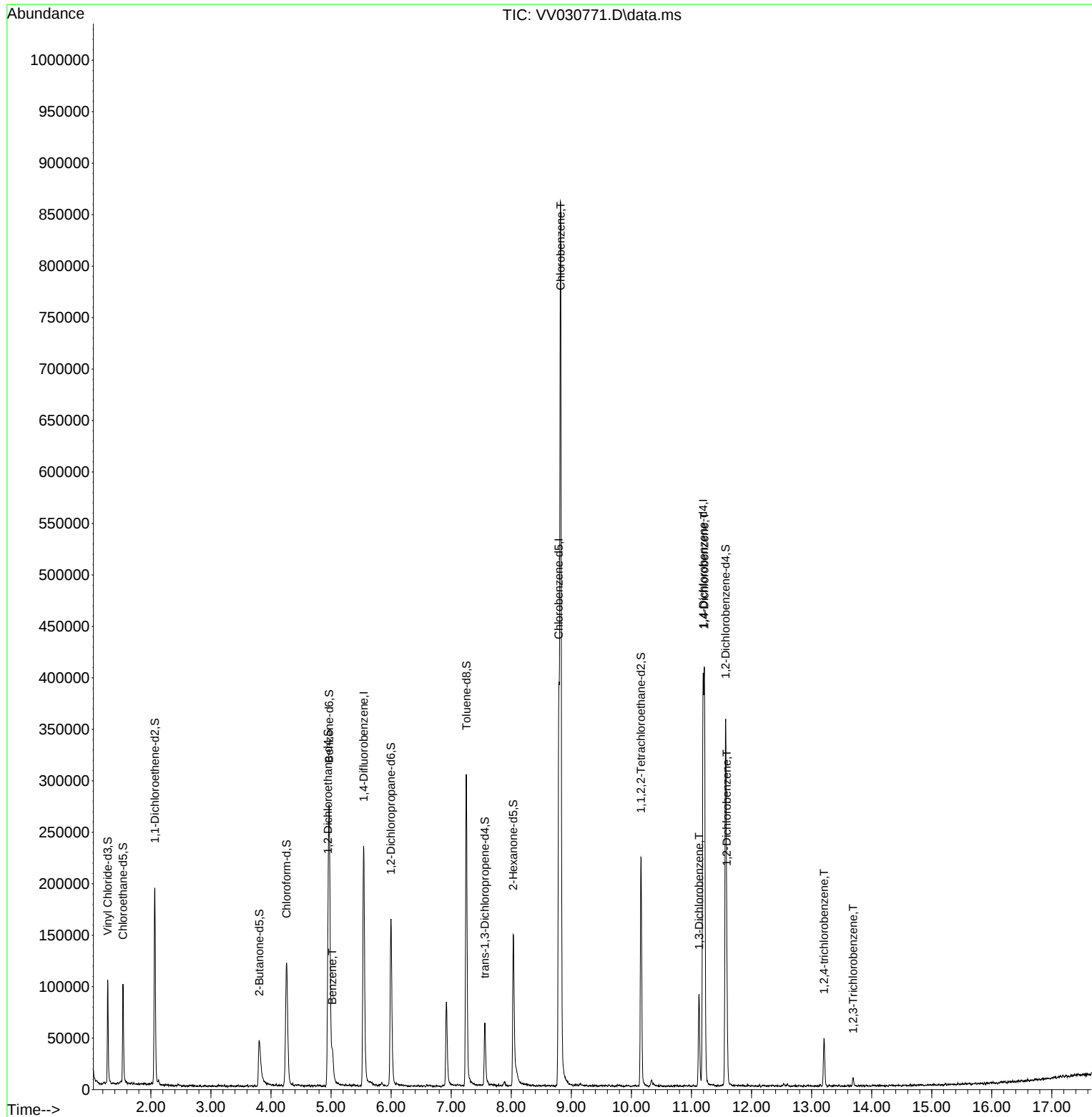
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	195297	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	190526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	97994	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	66803	46.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.320%
7) Chloroethane-d5	1.536	69	57252	47.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	2.066	65	32552	47.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.880%
21) 2-Butanone-d5	3.806	46	75298	95.755	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.750%
24) Chloroform-d	4.259	84	124501	47.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
26) 1,2-Dichloroethane-d4	4.950	65	88429	53.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.020%
32) Benzene-d6	4.970	84	228658	50.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.520%
36) 1,2-Dichloropropane-d6	5.998	67	69738	49.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	7.252	98	197244	46.637	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.280%
43) trans-1,3-Dichloroprop...	7.561	79	32524	46.117	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.240%
47) 2-Hexanone-d5	8.034	63	49584	89.954	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.950%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	97246	47.896	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	84653	54.349	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.700%
Target Compounds						
					Qvalue	
33) Benzene	5.021	78	28444	4.916	ug/L	100
51) Chlorobenzene	8.822	112	429797	104.721	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	35900	11.733	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	142829	44.268	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	36002	11.663	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	14173	7.222	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	2235	1.149	ug/L	98

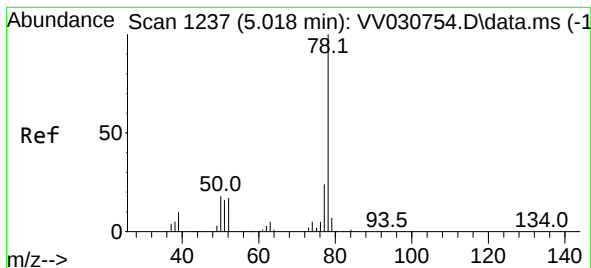
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#33

Benzene

Concen: 4.916 ug/L

RT: 5.021 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030771.D

Acq: 21 Apr 2023 17:43

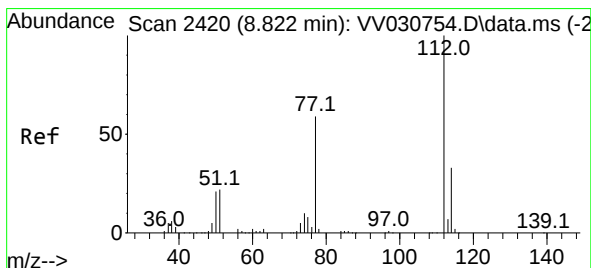
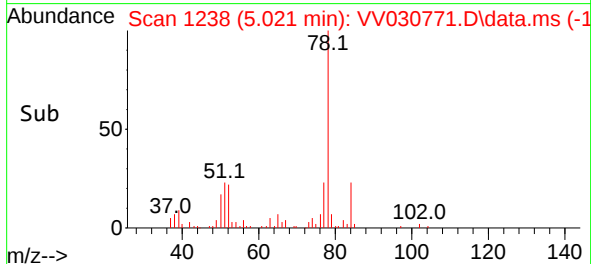
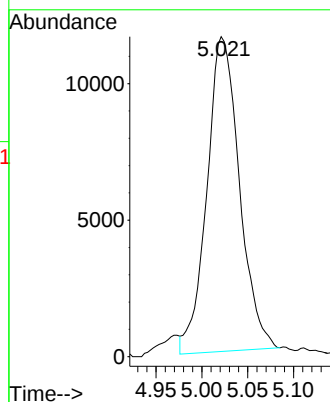
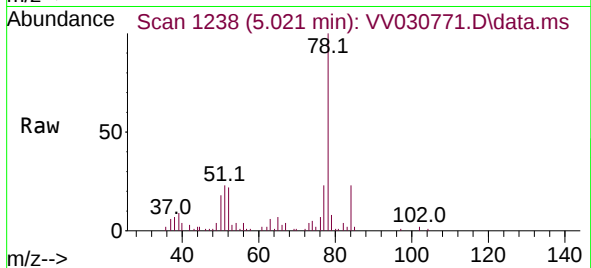
Instrument :

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ClientSampleId :

COMP7

Tgt Ion: 78 Resp: 28444



#51

Chlorobenzene

Concen: 104.721 ug/L

RT: 8.822 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030771.D

Acq: 21 Apr 2023 17:43

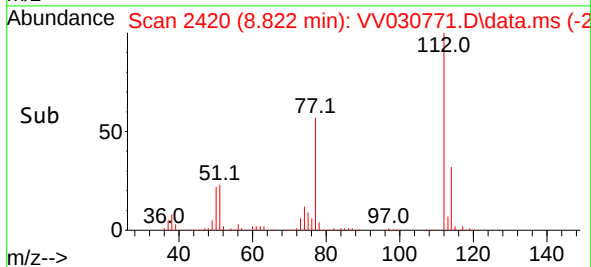
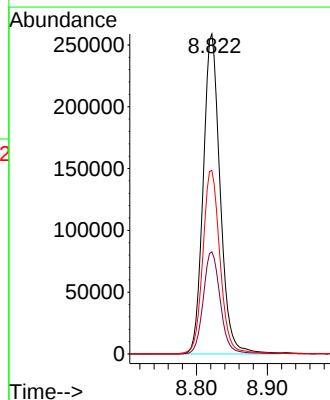
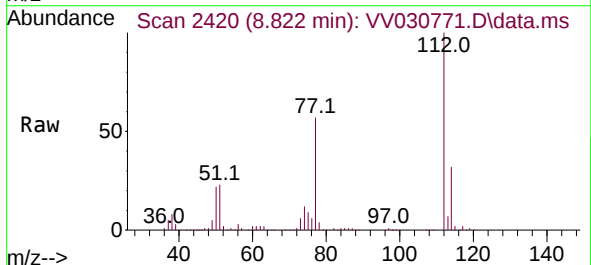
Tgt Ion: 112 Resp: 429797

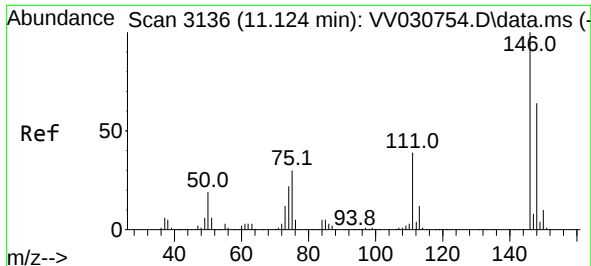
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 57.3 47.4 71.0

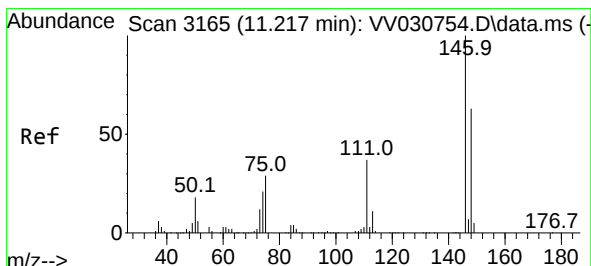
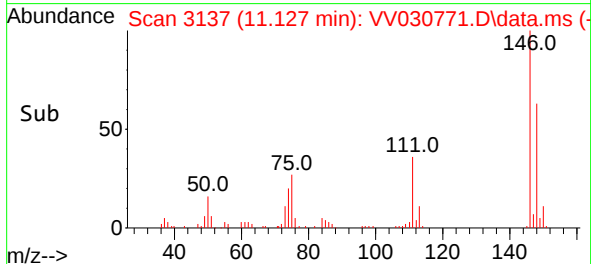
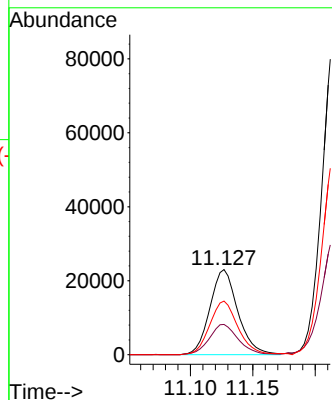
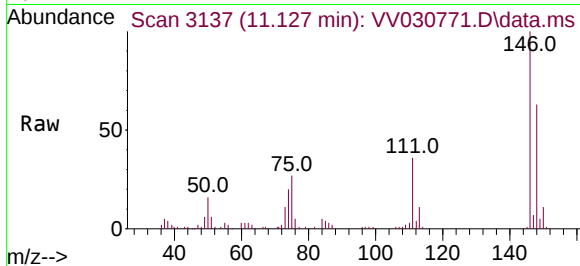




#64
1,3-Dichlorobenzene
Concen: 11.733 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030771.D
Acq: 21 Apr 2023 17:43

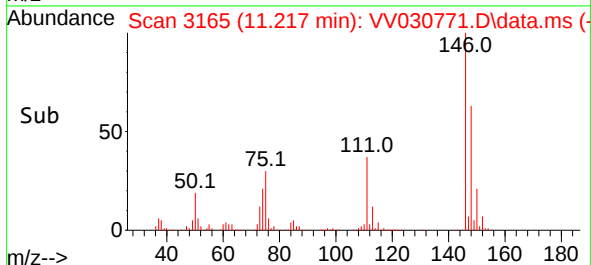
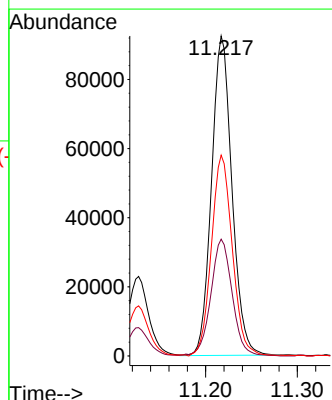
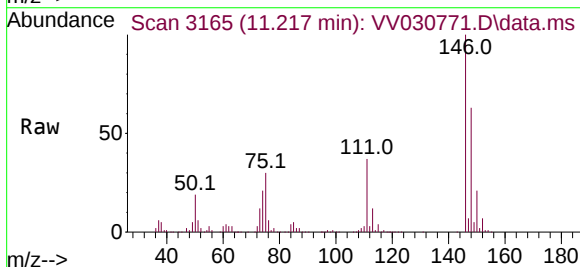
Instrument :
MSVOA_V
ClientSampleId :
COMP7

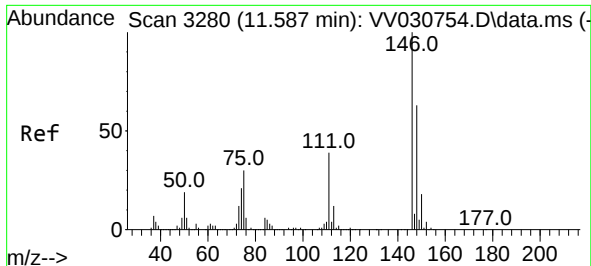
Tgt Ion:146 Resp: 35900
Ion Ratio Lower Upper
146 100
111 35.6 27.0 50.2
148 63.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 44.268 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030771.D
Acq: 21 Apr 2023 17:43

Tgt Ion:146 Resp: 142829
Ion Ratio Lower Upper
146 100
111 36.5 26.5 49.1
148 62.8 44.7 83.1

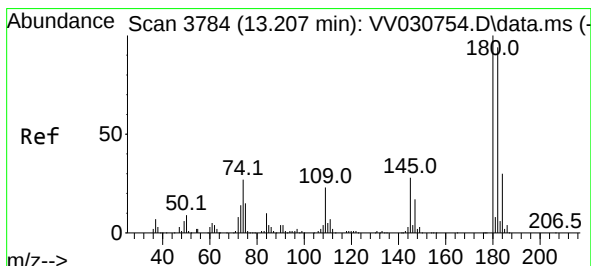
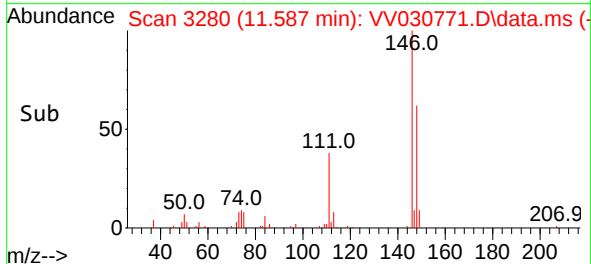
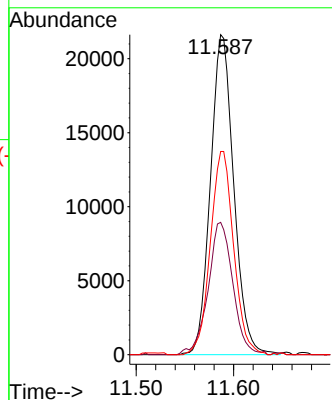
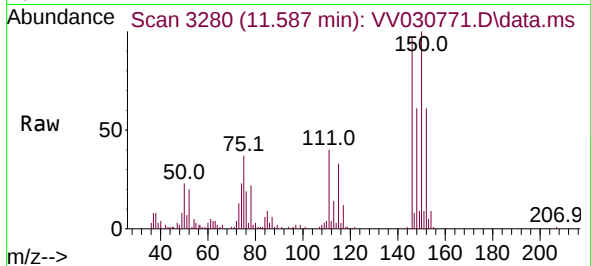




#67
1,2-Dichlorobenzene
Concen: 11.663 ug/L
RT: 11.587 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030771.D
Acq: 21 Apr 2023 17:43

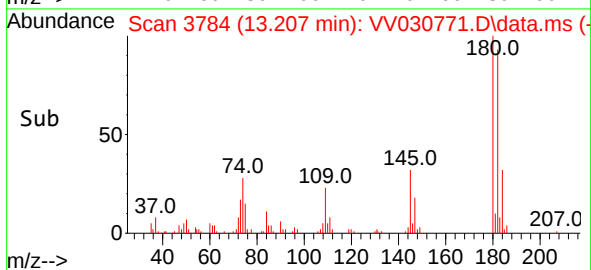
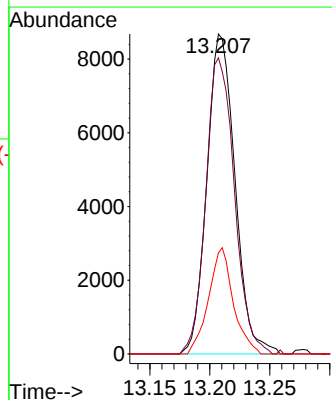
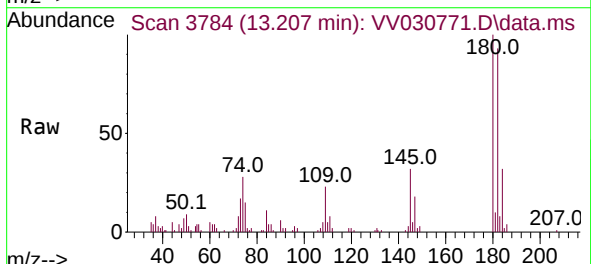
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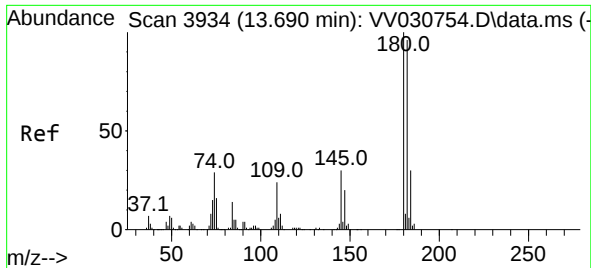
Tgt Ion:146 Resp: 36002
Ion Ratio Lower Upper
146 100
111 41.3 32.0 48.0
148 63.5 50.6 76.0



#70
1,2,4-trichlorobenzene
Concen: 7.222 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030771.D
Acq: 21 Apr 2023 17:43

Tgt Ion:180 Resp: 14173
Ion Ratio Lower Upper
180 100
182 93.9 75.9 113.9
145 29.2 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.149 ug/L
 RT: 13.693 min Scan# 3935
 Delta R.T. 0.003 min
 Lab File: VV030771.D
 Acq: 21 Apr 2023 17:43

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP7

Tgt Ion:180 Resp: 2235
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.2 114.4
 145 34.3 25.1 37.7

