

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)

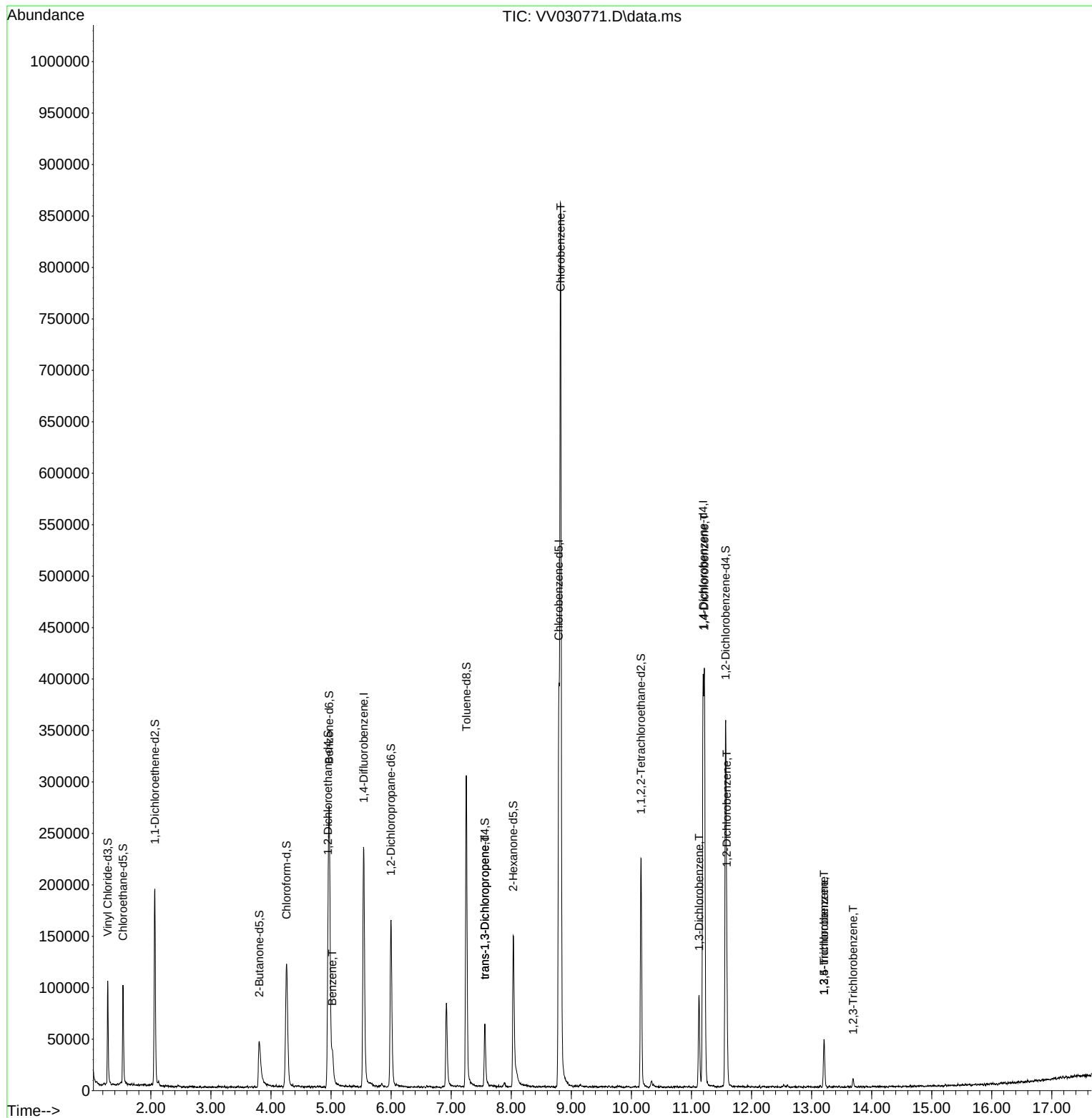
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	195297	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	190526	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	97994	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	66803	46.661	ug/L	0.00
Spiked Amount 50.000	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
44) trans-1,3-Dichloropropene	7.561	75	2242	0.976	ug/L	87
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
69) 1,3,5-Trichlorobenzene	13.207	180	14173	6.132	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

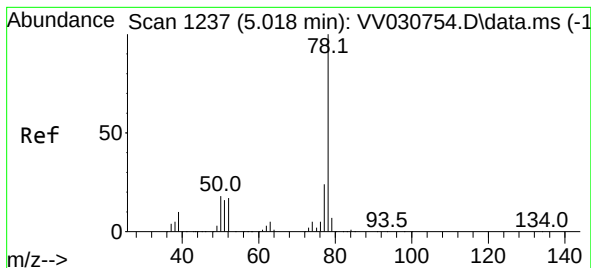
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

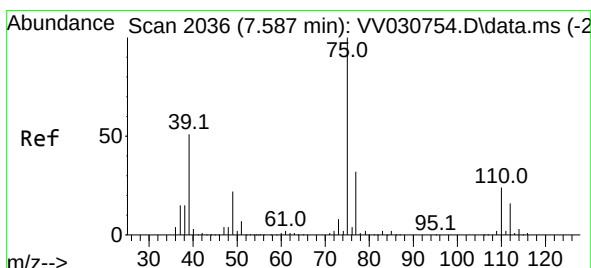
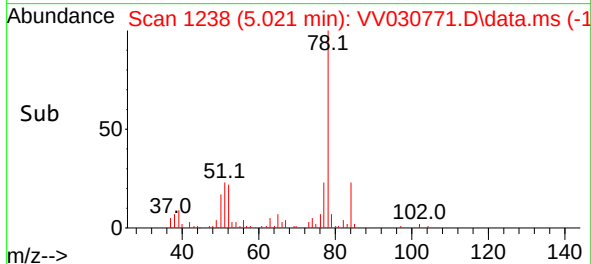
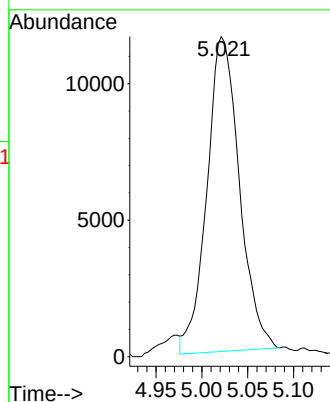
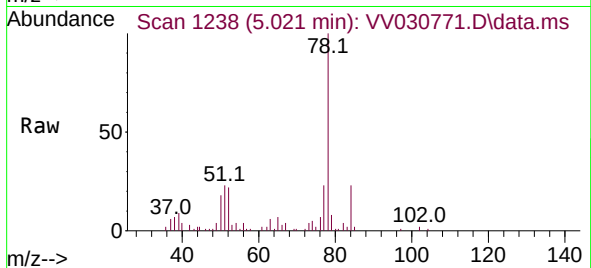
Instrument :

MSVOA_V

ClientSampleId :

COMP7

Tgt Ion: 78 Resp: 28444



#44

trans-1,3-Dichloropropene

Concen: 0.976 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV030771.D

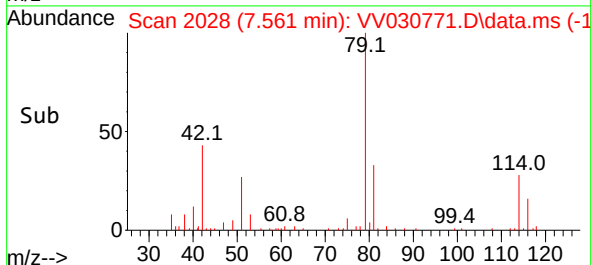
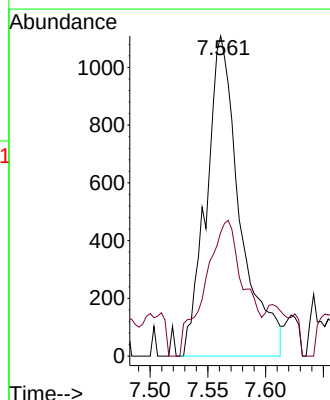
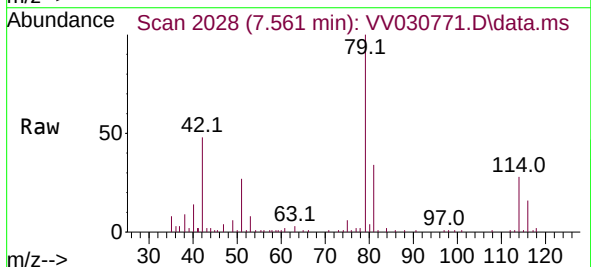
Acq: 21 Apr 2023 17:43

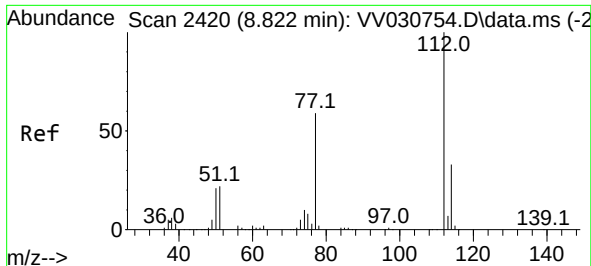
Tgt Ion: 75 Resp: 2242

Ion Ratio Lower Upper

75 100

77 38.6 22.1 41.1

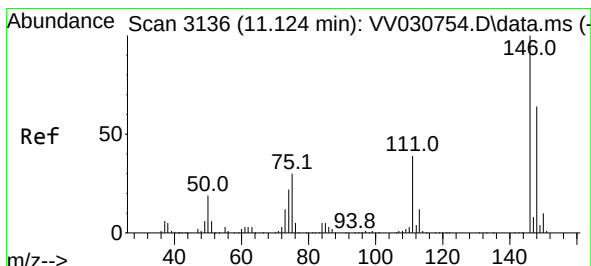
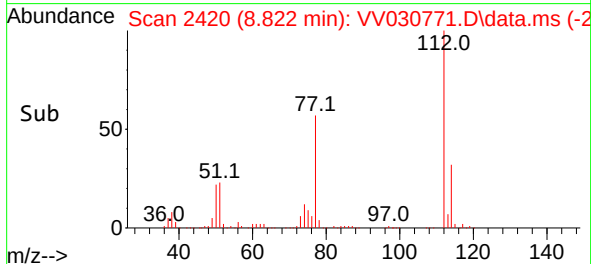
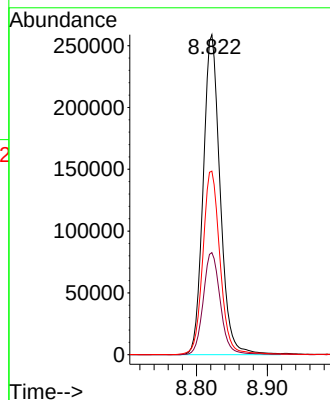
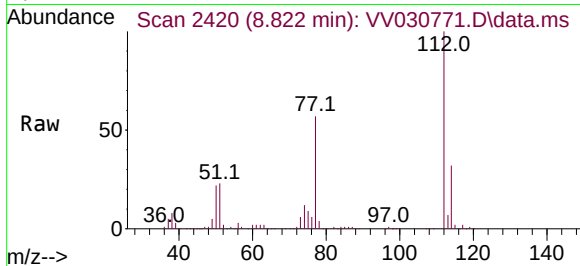




#51
Chlorobenzene
Concen: 104.721 ug/L
RT: 8.822 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030771.D
Acq: 21 Apr 2023 17:43

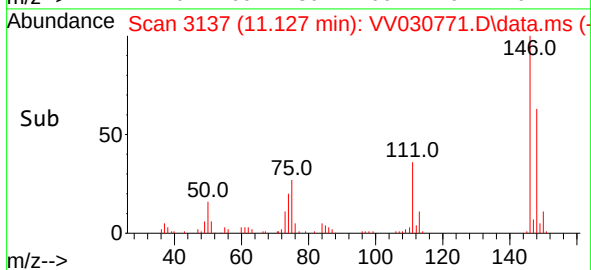
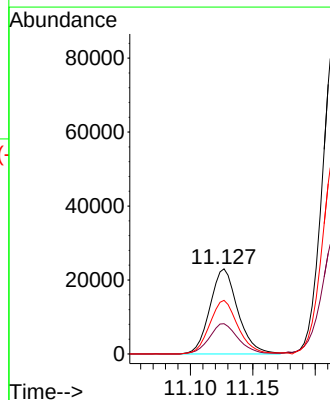
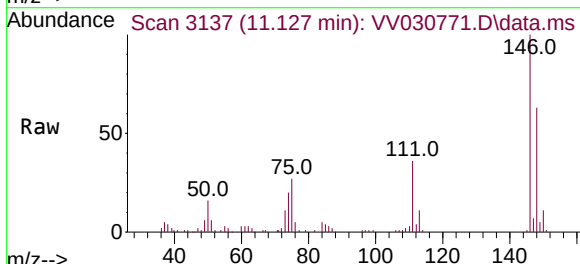
Instrument :
MSVOA_V
ClientSampleId :
COMP7

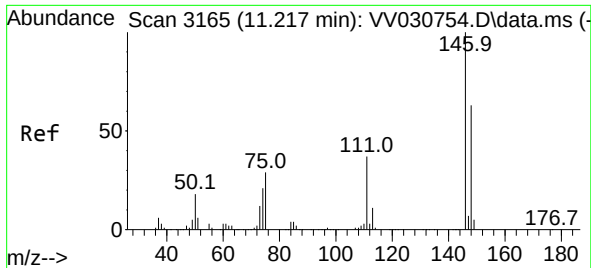
Tgt Ion:112 Resp: 429797
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 57.3 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 11.733 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030771.D
Acq: 21 Apr 2023 17:43

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

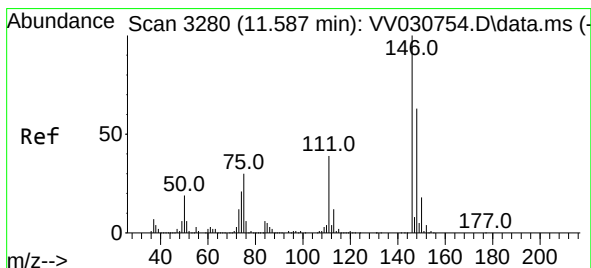
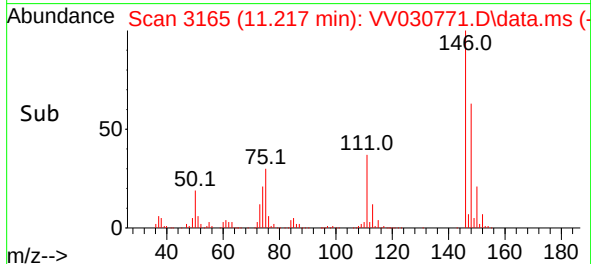
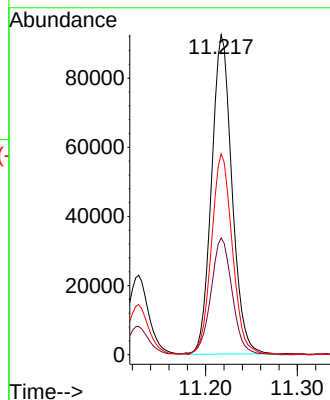
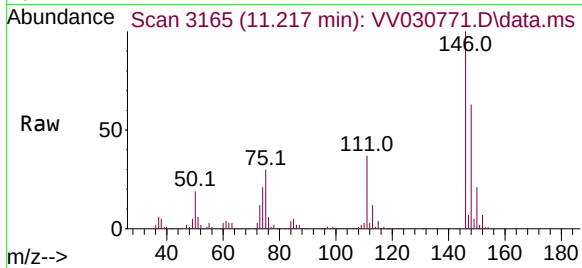




#65
1,4-Dichlorobenzene
Concen: 44.268 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030771.D
Acq: 21 Apr 2023 17:43

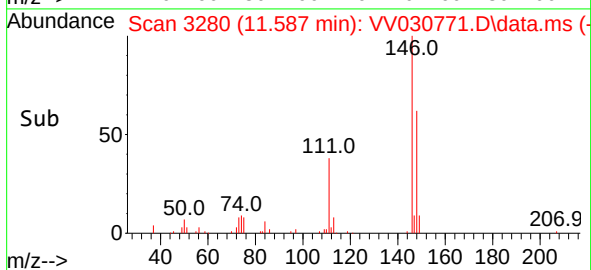
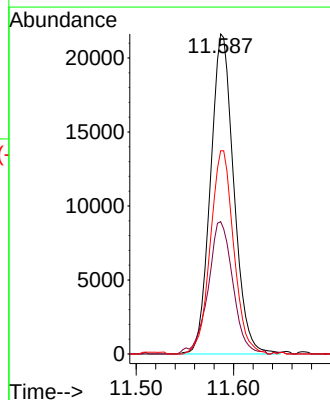
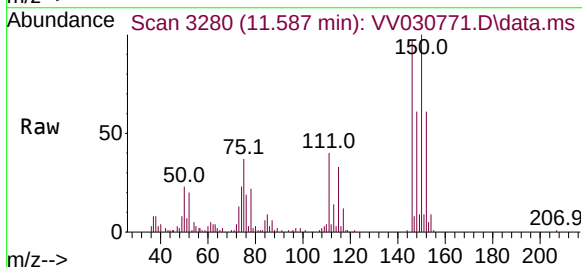
Instrument :
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COMP7

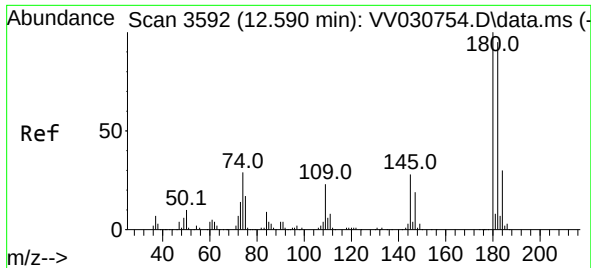
Tgt Ion:146 Resp: 142829
Ion Ratio Lower Upper
146 100
111 36.5 26.5 49.1
148 62.8 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 11.663 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030771.D
Acq: 21 Apr 2023 17:43

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

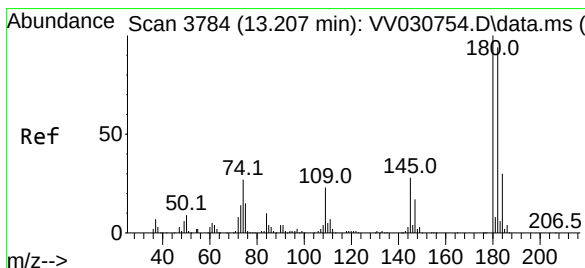
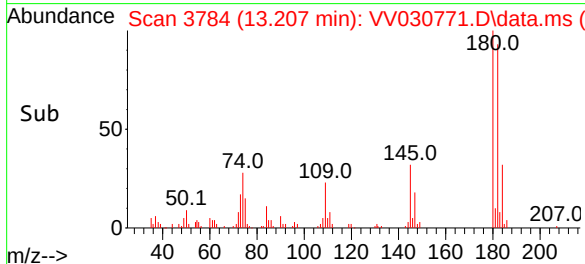
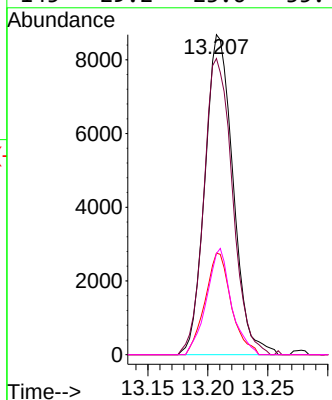
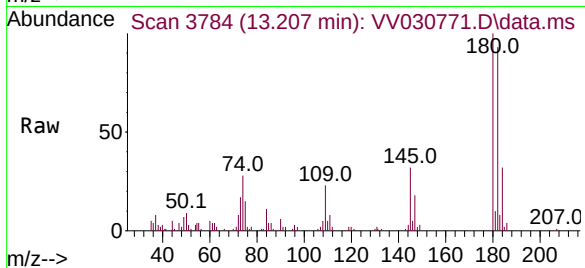




#69
 1,3,5-Trichlorobenzene
 Concen: 6.132 ug/L
 RT: 13.207 min Scan# 31
 Delta R.T. 0.617 min
 Lab File: VV030771.D
 Acq: 21 Apr 2023 17:43

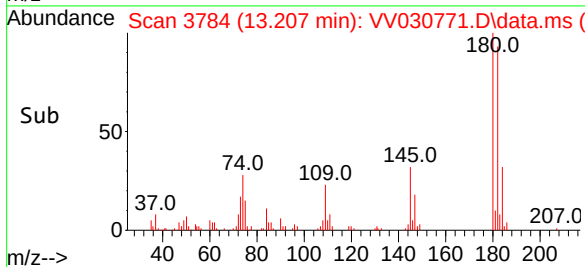
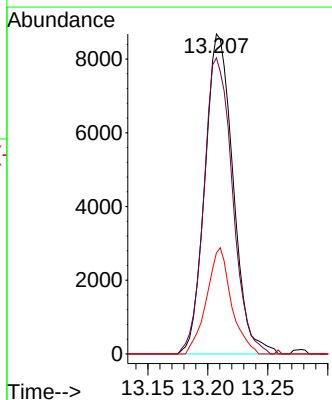
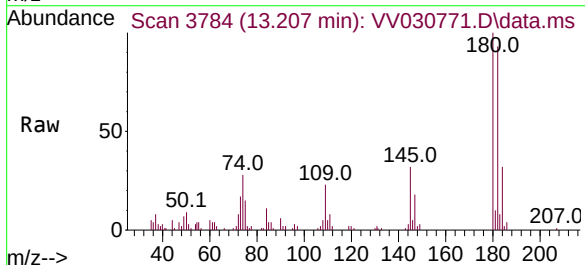
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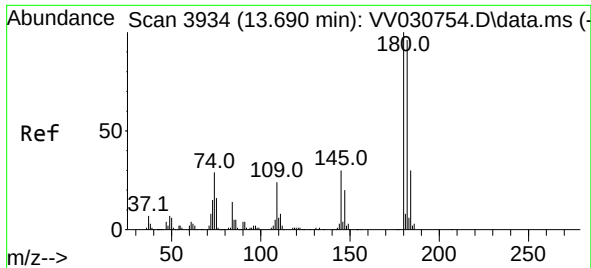
Tgt Ion:180	Resp:	14173
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.4 114.6
184	29.4	24.1 36.1
145	29.2	23.6 35.4



#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

