

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030784.D
 Acq On : 24 Apr 2023 11:49
 Operator : SY/MD
 Sample : 02398-02DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN1DL

Quant Time: Apr 25 03:21:40 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)

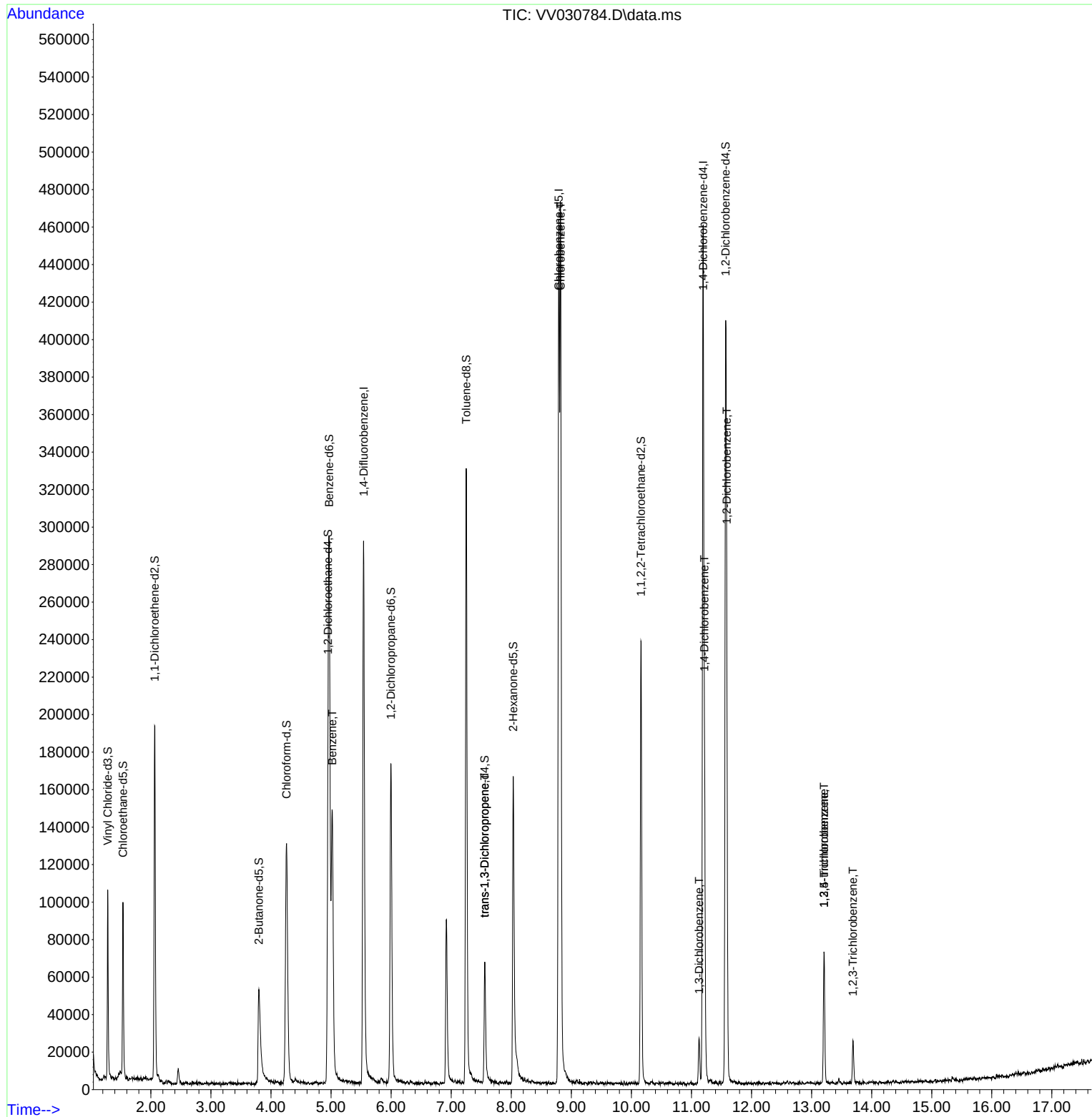
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	244253	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	232632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	117308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	60485	33.780	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.560%		
7) Chloroethane-d5	1.536	69	55002	36.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.320%		
11) 1,1-Dichloroethene-d2	2.063	65	32064	37.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.520%		
21) 2-Butanone-d5	3.799	46	85792	87.233	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.230%		
24) Chloroform-d	4.259	84	134582	41.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.940%		
26) 1,2-Dichloroethane-d4	4.950	65	92678	44.424	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.840%		
32) Benzene-d6	4.970	84	240155	43.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.320%		
36) 1,2-Dichloropropane-d6	5.998	67	73495	43.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.040%		
41) Toluene-d8	7.249	98	210377	40.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.480%		
43) trans-1,3-Dichloroprop...	7.558	79	36307	42.164	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.320%		
47) 2-Hexanone-d5	8.034	63	55379	82.283	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.280%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104479	42.144	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.280%		
66) 1,2-Dichlorobenzene-d4	11.571	152	90655	48.620	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.240%		
Target Compounds					Qvalue	
33) Benzene	5.018	78	139878	19.801	ug/L	100
44) trans-1,3-Dichloropropene	7.558	75	2200	0.785	ug/L	88
51) Chlorobenzene	8.821	112	229161	45.730	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	9802	2.676	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	62301	16.130	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	73638	19.928	ug/L	99
69) 1,3,5-Trichlorobenzene	13.207	180	21689	7.839	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	21689	9.232	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	6509	2.794	ug/L	96

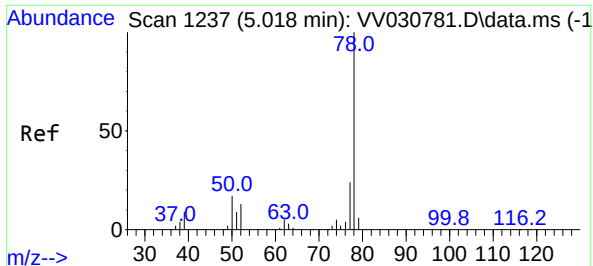
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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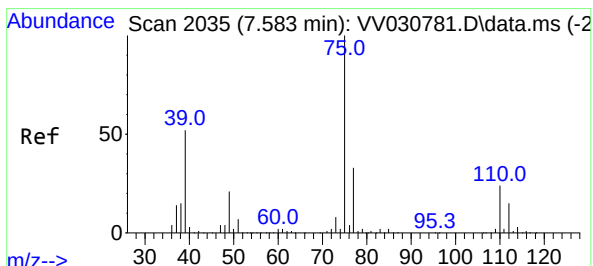
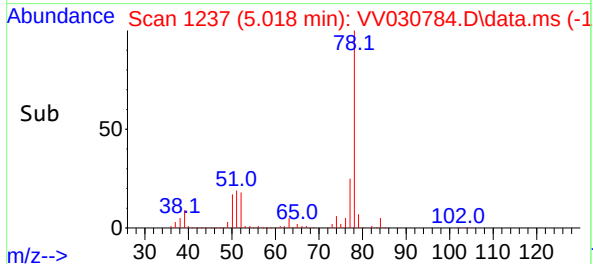
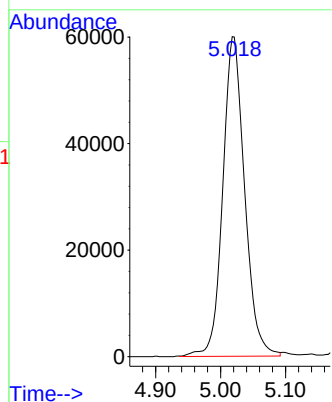
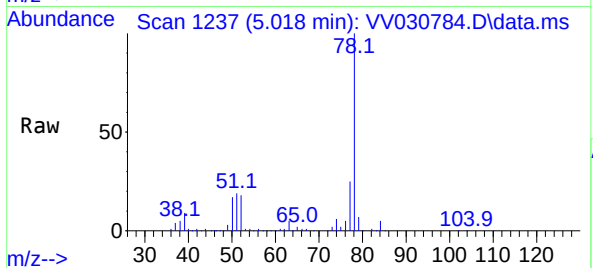




#33
Benzene
Concen: 19.801 ug/L
RT: 5.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030784.D
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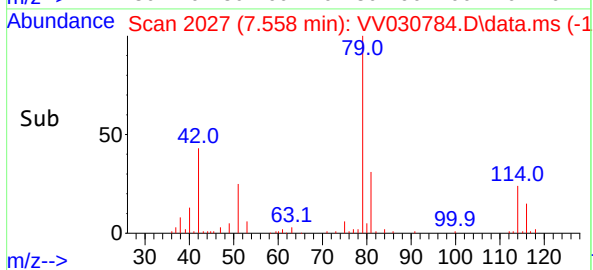
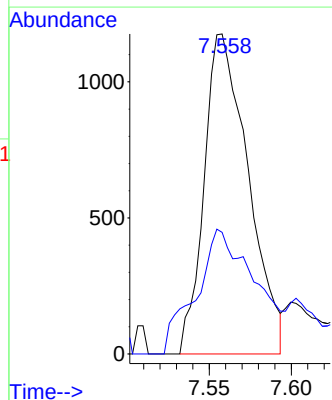
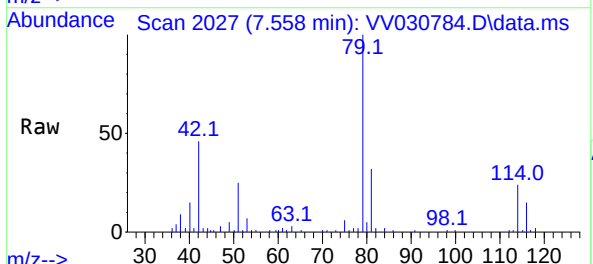
Instrument :
MSVOA_V
ClientSampleId :
COMN1DL

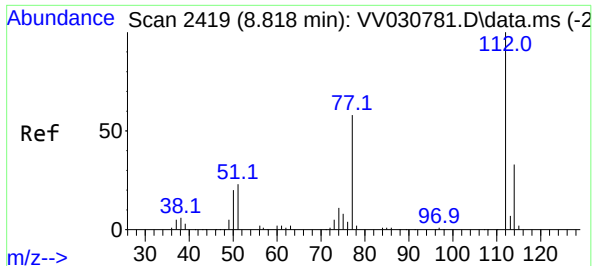
Tgt Ion: 78 Resp: 139878



#44
trans-1,3-Dichloropropene
Concen: 0.785 ug/L
RT: 7.558 min Scan# 2027
Delta R.T. -0.029 min
Lab File: VV030784.D
Acq: 24 Apr 2023 11:49

Tgt Ion: 75 Resp: 2200
Ion Ratio Lower Upper
75 100
77 38.0 22.1 41.1

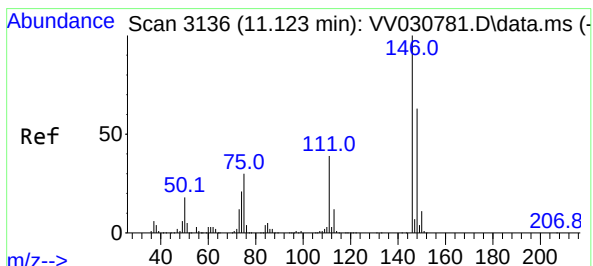
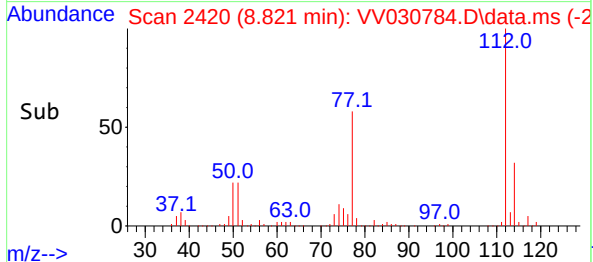
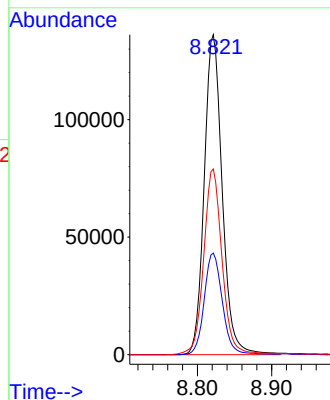
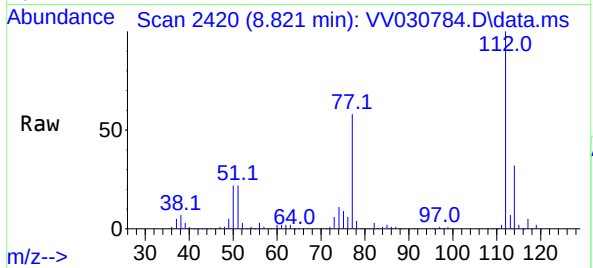




#51
Chlorobenzene
Concen: 45.730 ug/L
RT: 8.821 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV030784.D
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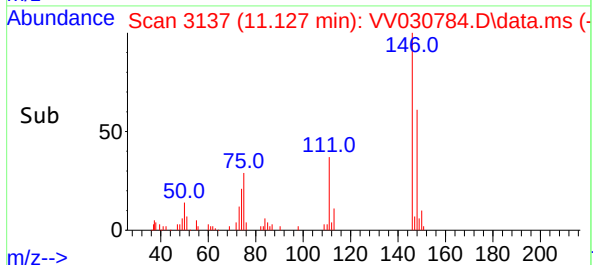
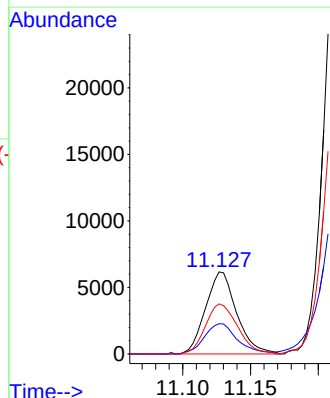
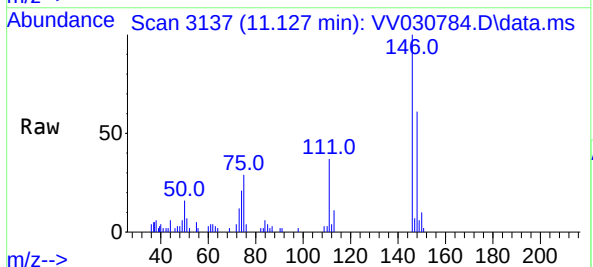
Instrument :
MSVOA_V
ClientSampleId :
COMN1DL

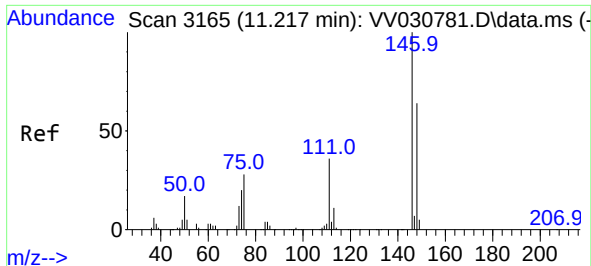
Tgt Ion:112 Resp: 229161
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 58.0 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 2.676 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030784.D
Acq: 24 Apr 2023 11:49

Tgt Ion:146 Resp: 9802
Ion Ratio Lower Upper
146 100
111 36.8 27.0 50.2
148 60.9 44.8 83.2

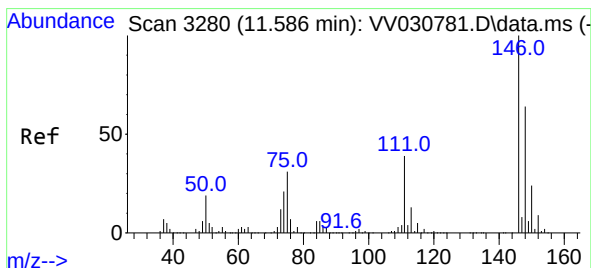
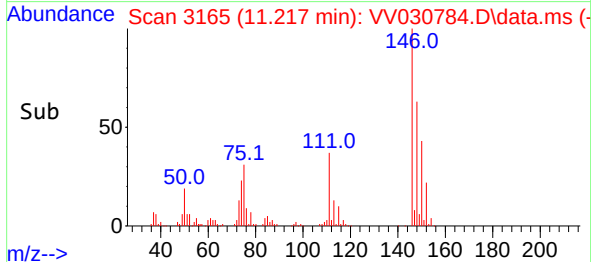
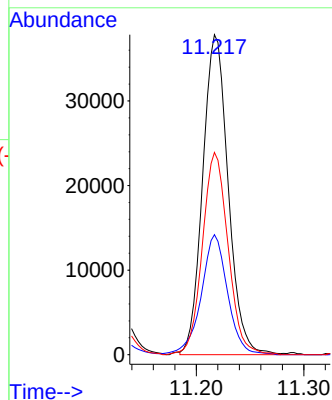
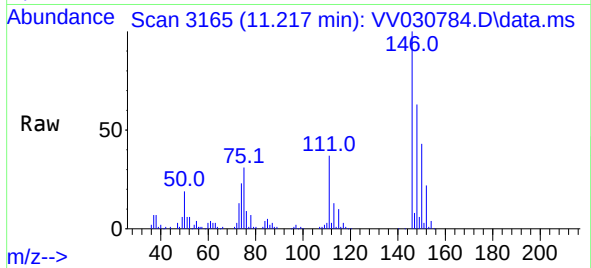




#65
1,4-Dichlorobenzene
Concen: 16.130 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030784.D
Acq: 24 Apr 2023 11:49

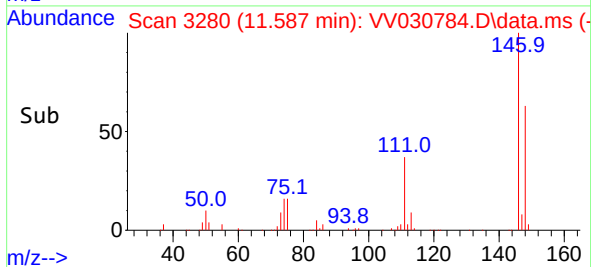
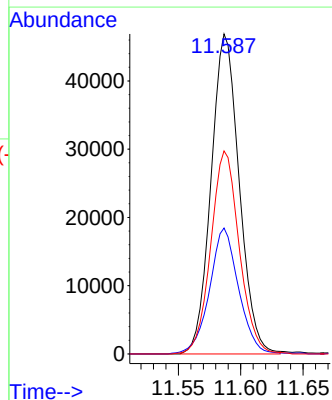
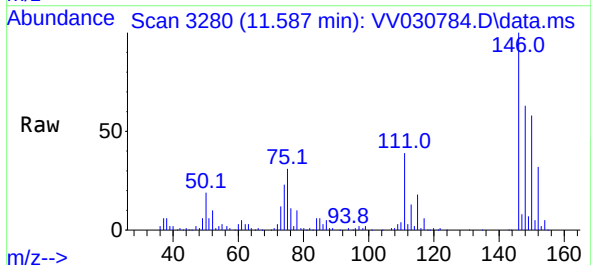
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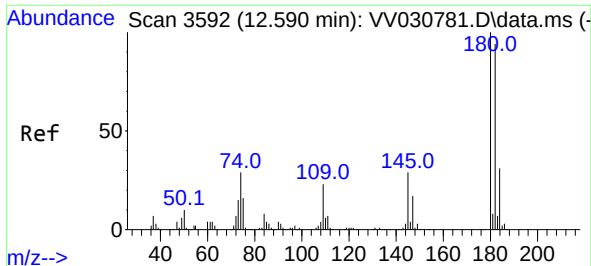
Tgt Ion:146 Resp: 62301
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.1
148 63.2 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 19.928 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030784.D
Acq: 24 Apr 2023 11:49

Tgt Ion:146 Resp: 73638
Ion Ratio Lower Upper
146 100
111 39.3 32.0 48.0
148 63.4 50.6 76.0

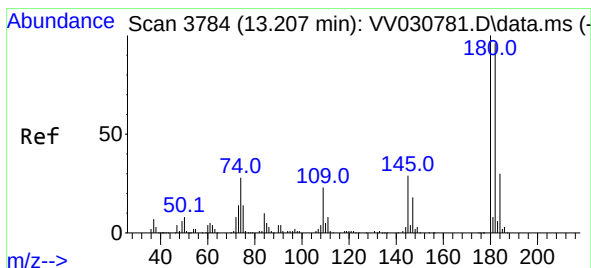
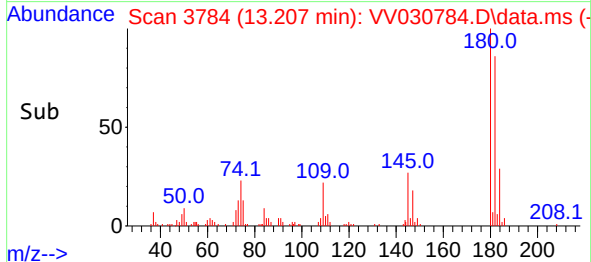
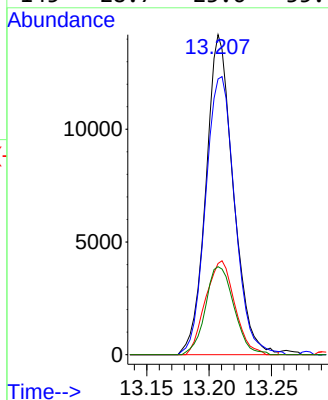
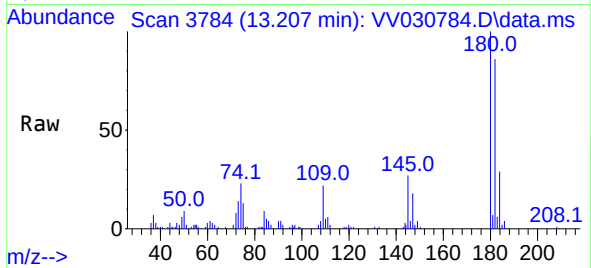




#69
1,3,5-Trichlorobenzene
Concen: 7.839 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.617 min
Lab File: VV030784.D
Acq: 24 Apr 2023 11:49

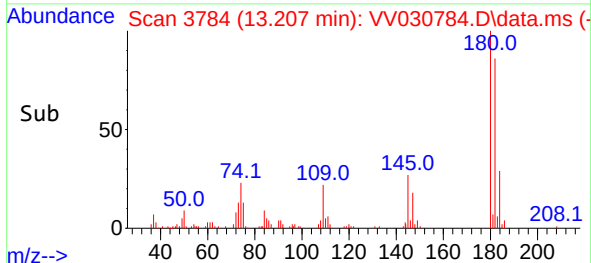
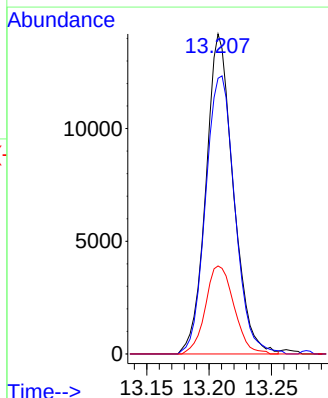
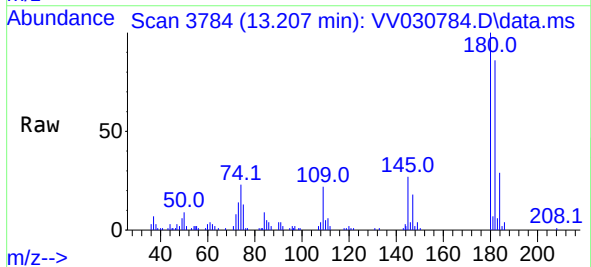
Instrument :
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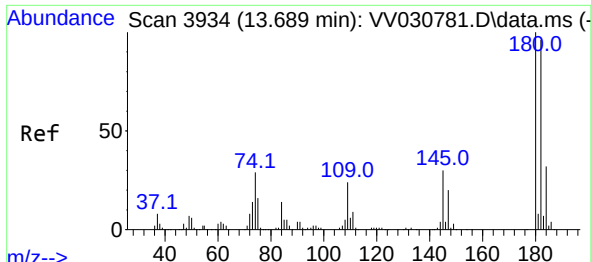
Tgt Ion:180	Resp:	21689
Ion Ratio	Lower	Upper
180	100	
182	92.9	76.4 114.6
184	31.2	24.1 36.1
145	28.7	23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 9.232 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030784.D
Acq: 24 Apr 2023 11:49

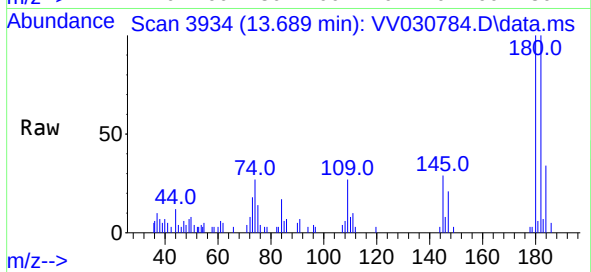
Tgt Ion:180	Resp:	21689
Ion Ratio	Lower	Upper
180	100	
182	92.9	75.9 113.9
145	28.7	23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.794 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030784.D
 Acq: 24 Apr 2023 11:49

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	180	Resp:	6509
Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.2	114.4
145	27.9	25.1	37.7

