

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030757.D
 Acq On : 21 Apr 2023 12:08
 Operator : SY/MD
 Sample : 02398-08 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN9

Quant Time: Apr 22 00:44:39 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)

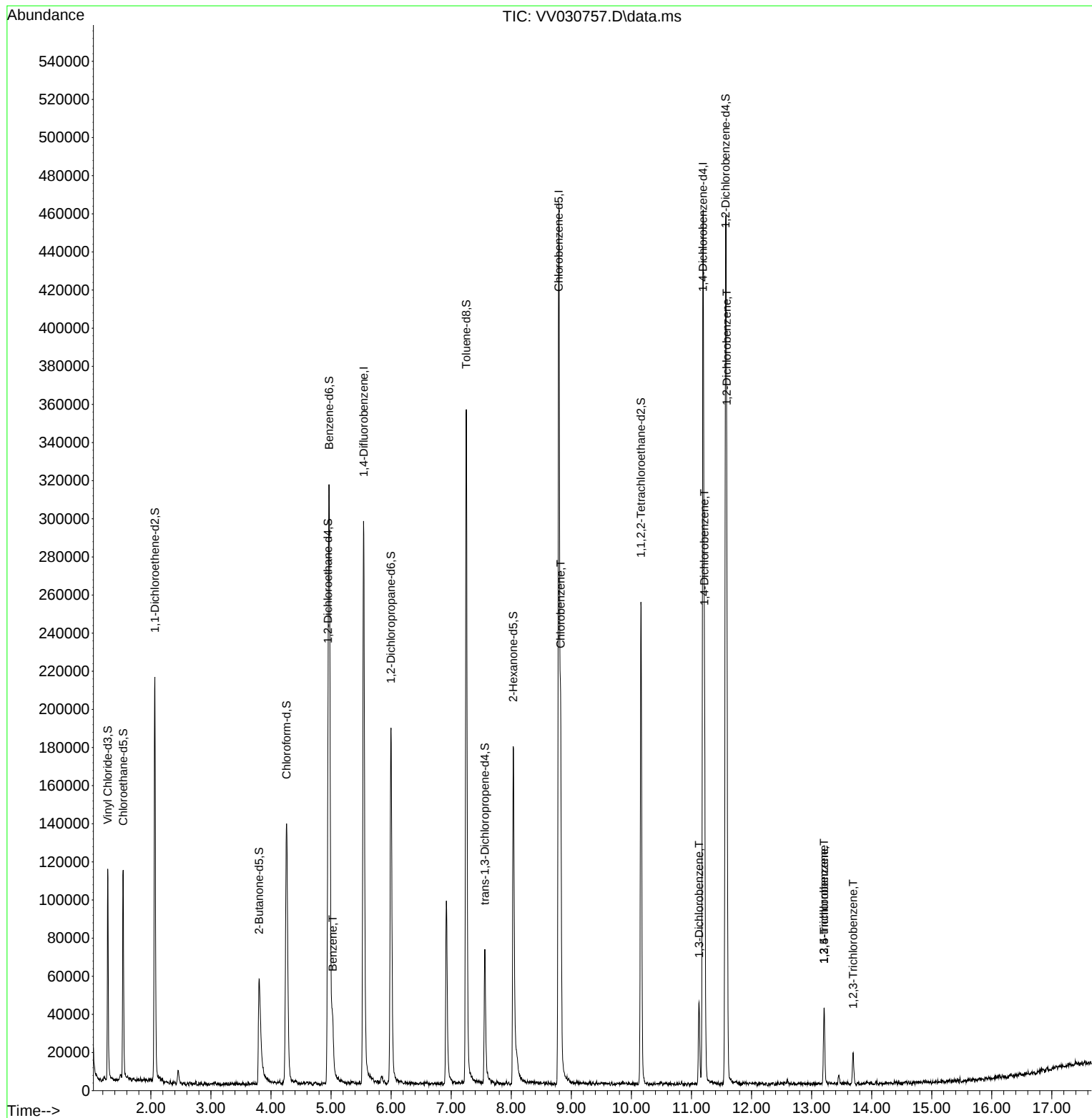
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	244662	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	237330	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	117658	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	73612	41.042	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.080%
7) Chloroethane-d5	1.539	69	65114	43.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	2.066	65	36004	42.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.660%
21) 2-Butanone-d5	3.802	46	100154	101.666	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.670%
24) Chloroform-d	4.259	84	141847	43.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	4.950	65	99994	47.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
32) Benzene-d6	4.969	84	262959	46.864	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	5.998	67	81442	46.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.460%
41) Toluene-d8	7.249	98	234282	44.470	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.940%
43) trans-1,3-Dichloroprop...	7.561	79	39140	44.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.100%
47) 2-Hexanone-d5	8.034	63	60786	88.529	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.530%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	113538	44.892	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	96323	51.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.020%
Target Compounds						
					Qvalue	
33) Benzene	5.027	78	30736	4.265	ug/L	100
51) Chlorobenzene	8.821	112	94295	18.444	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	17837	4.855	ug/L	93
65) 1,4-Dichlorobenzene	11.217	146	76200	19.670	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	96461	26.027	ug/L	98
69) 1,3,5-Trichlorobenzene	13.210	180	11701	4.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.210	180	11701	4.966	ug/L	99
72) 1,2,3-Trichlorobenzene	13.692	180	4606	1.971	ug/L	97

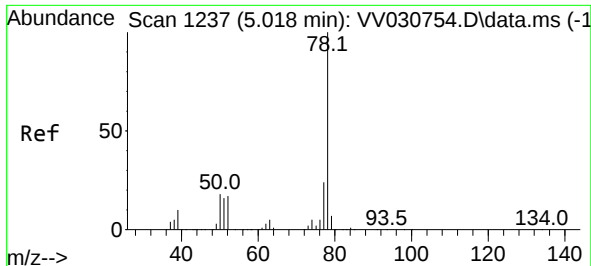
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042123\
Data File : VV030757.D
Acq On : 21 Apr 2023 12:08
Operator : SY/MD
Sample : 02398-08 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMN9

Quant Time: Apr 22 00:44:39 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

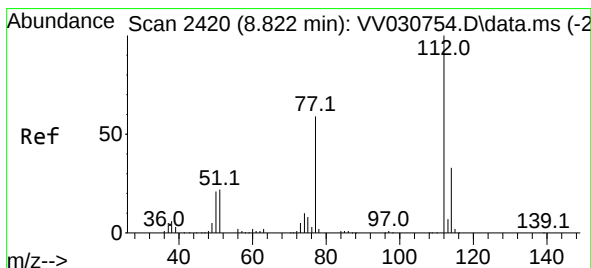
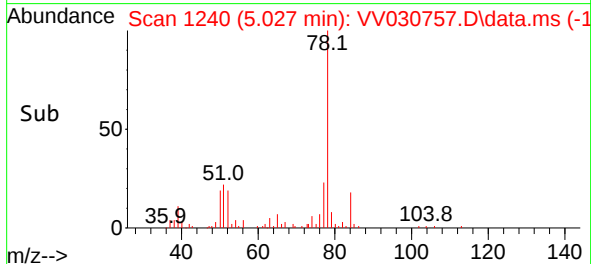
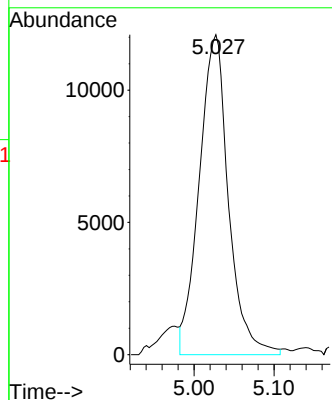
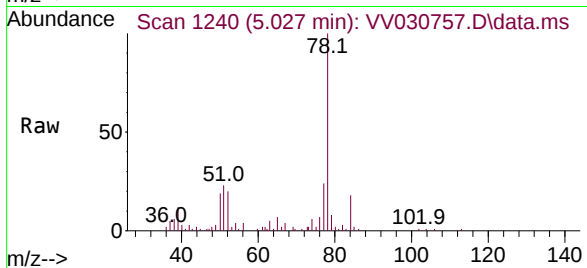




#33
Benzene
Concen: 4.265 ug/L
RT: 5.027 min Scan# 11
Delta R.T. 0.009 min
Lab File: VV030757.D
Acq: 21 Apr 2023 12:08

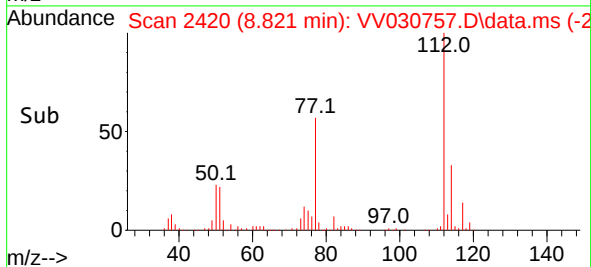
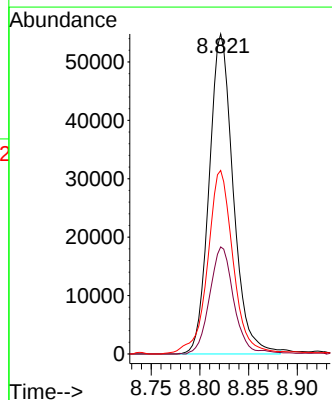
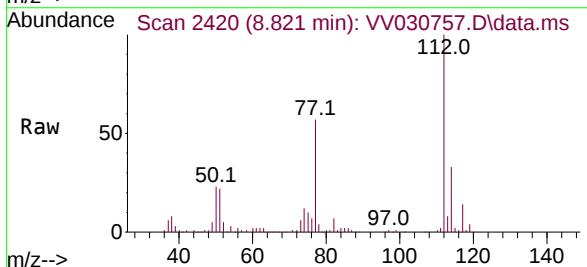
Instrument :
MSVOA_V
ClientSampleId :
COMN9

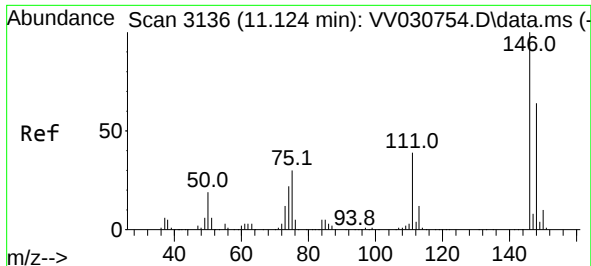
Tgt Ion: 78 Resp: 30736



#51
Chlorobenzene
Concen: 18.444 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030757.D
Acq: 21 Apr 2023 12:08

Tgt Ion: 112 Resp: 94295
Ion Ratio Lower Upper
112 100
114 33.5 22.4 41.6
77 57.4 47.4 71.0

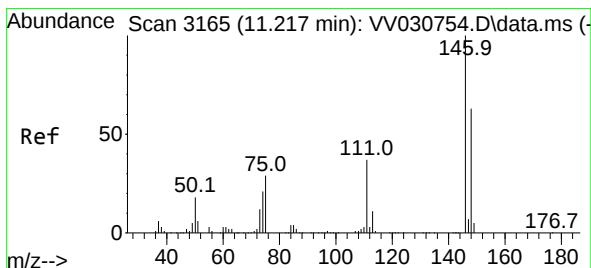
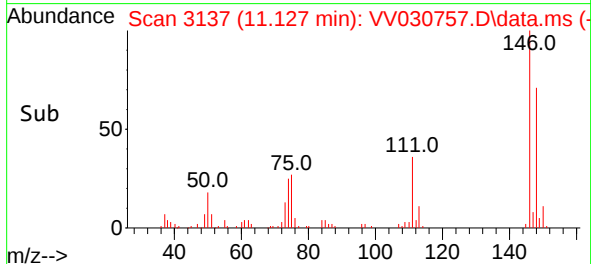
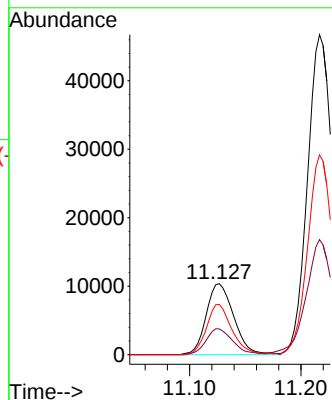
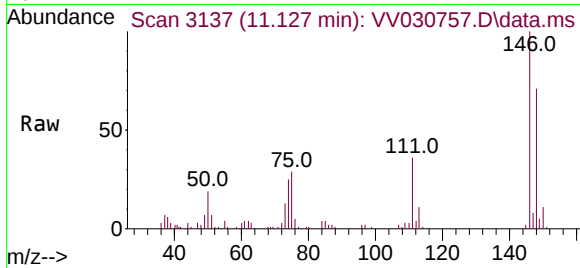




#64
1,3-Dichlorobenzene
Concen: 4.855 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030757.D
Acq: 21 Apr 2023 12:08

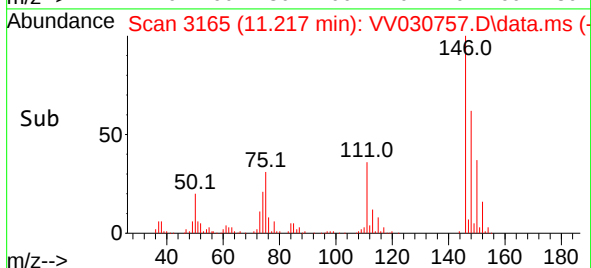
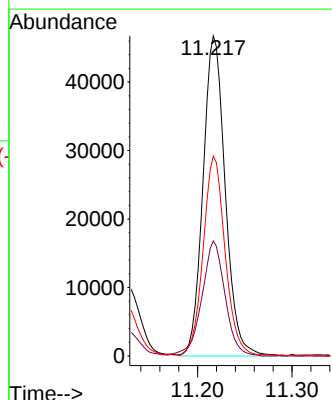
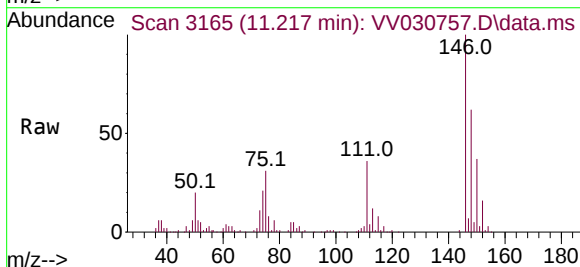
Instrument :
MSVOA_V
ClientSampleId :
COMN9

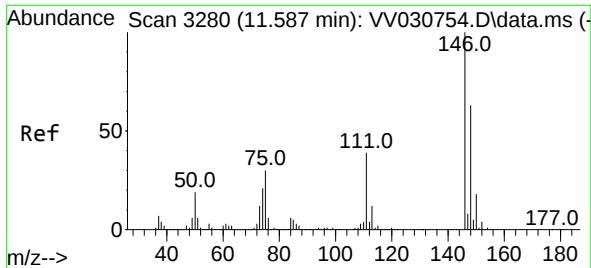
Tgt Ion:146 Resp: 17837
Ion Ratio Lower Upper
146 100
111 36.1 27.0 50.2
148 70.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 19.670 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030757.D
Acq: 21 Apr 2023 12:08

Tgt Ion:146 Resp: 76200
Ion Ratio Lower Upper
146 100
111 35.9 26.5 49.1
148 62.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 26.027 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030757.D

Acq: 21 Apr 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :

COMN9

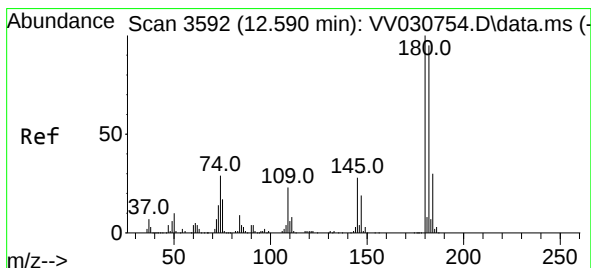
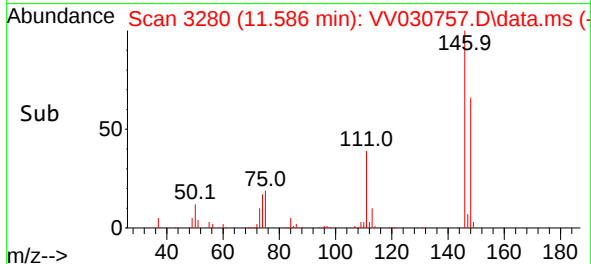
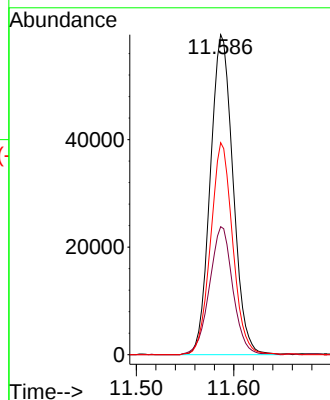
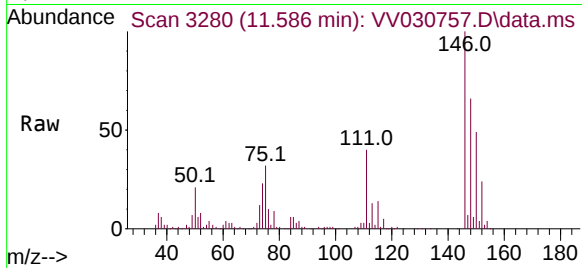
Tgt Ion:146 Resp: 96461

Ion Ratio Lower Upper

146 100

111 40.0 32.0 48.0

148 66.3 50.6 76.0



#69

1,3,5-Trichlorobenzene

Concen: 4.216 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.620 min

Lab File: VV030757.D

Acq: 21 Apr 2023 12:08

Tgt Ion:180 Resp: 11701

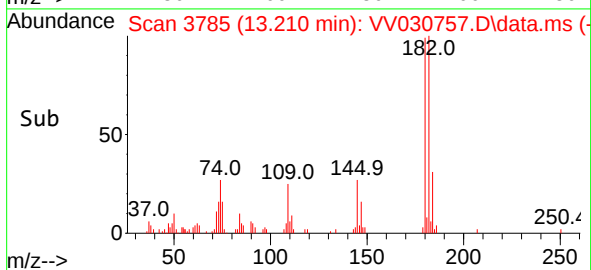
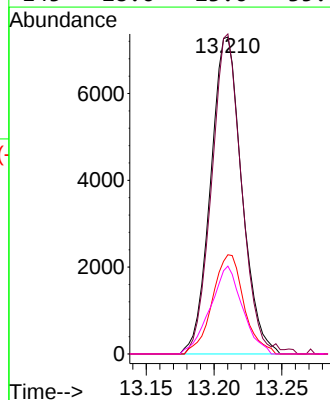
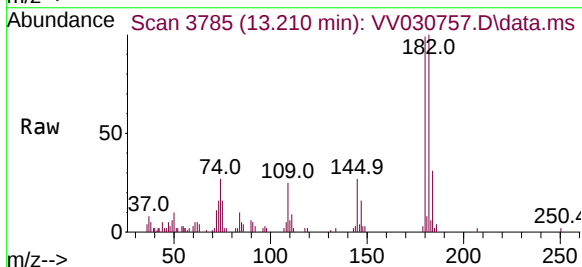
Ion Ratio Lower Upper

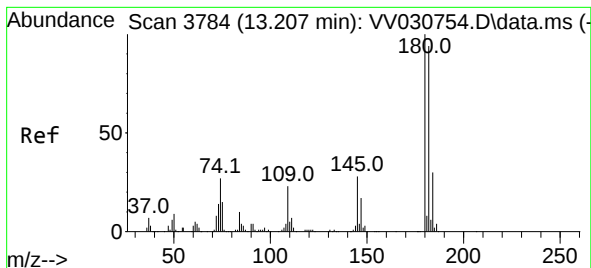
180 100

182 95.8 76.4 114.6

184 31.6 24.1 36.1

145 28.6 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 4.966 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030757.D

Acq: 21 Apr 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :

COMN9

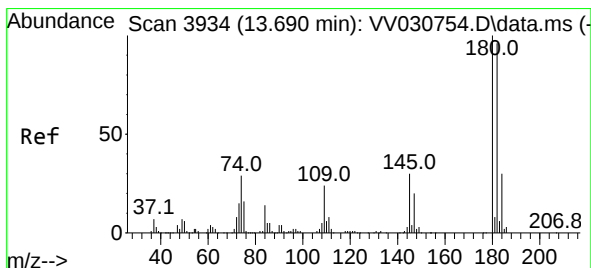
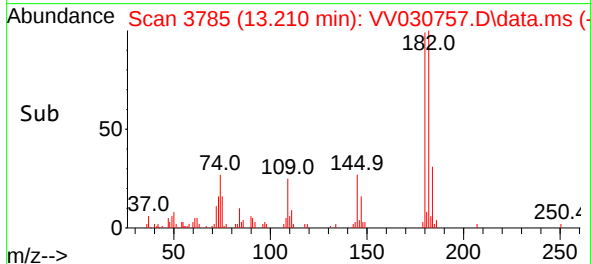
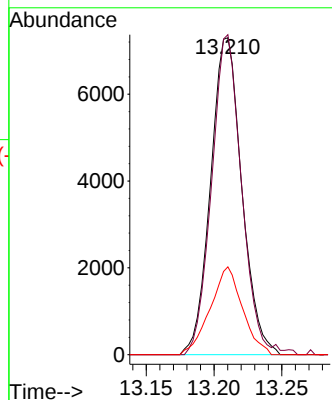
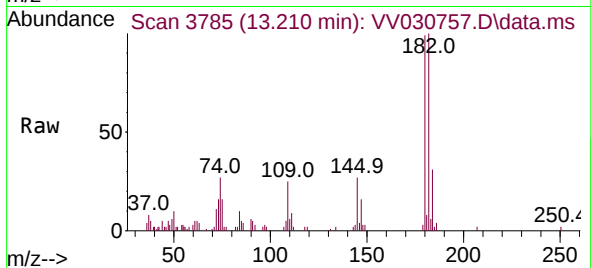
Tgt Ion:180 Resp: 11701

Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 28.6 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 1.971 ug/L

RT: 13.692 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030757.D

Acq: 21 Apr 2023 12:08

Tgt Ion:180 Resp: 4606

Ion Ratio Lower Upper

180 100

182 97.8 76.2 114.4

145 28.6 25.1 37.7

