

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030766.D
 Acq On : 21 Apr 2023 15:45
 Operator : SY/MD
 Sample : 02398-07DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN7DL

Quant Time: Apr 22 00:46:38 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)

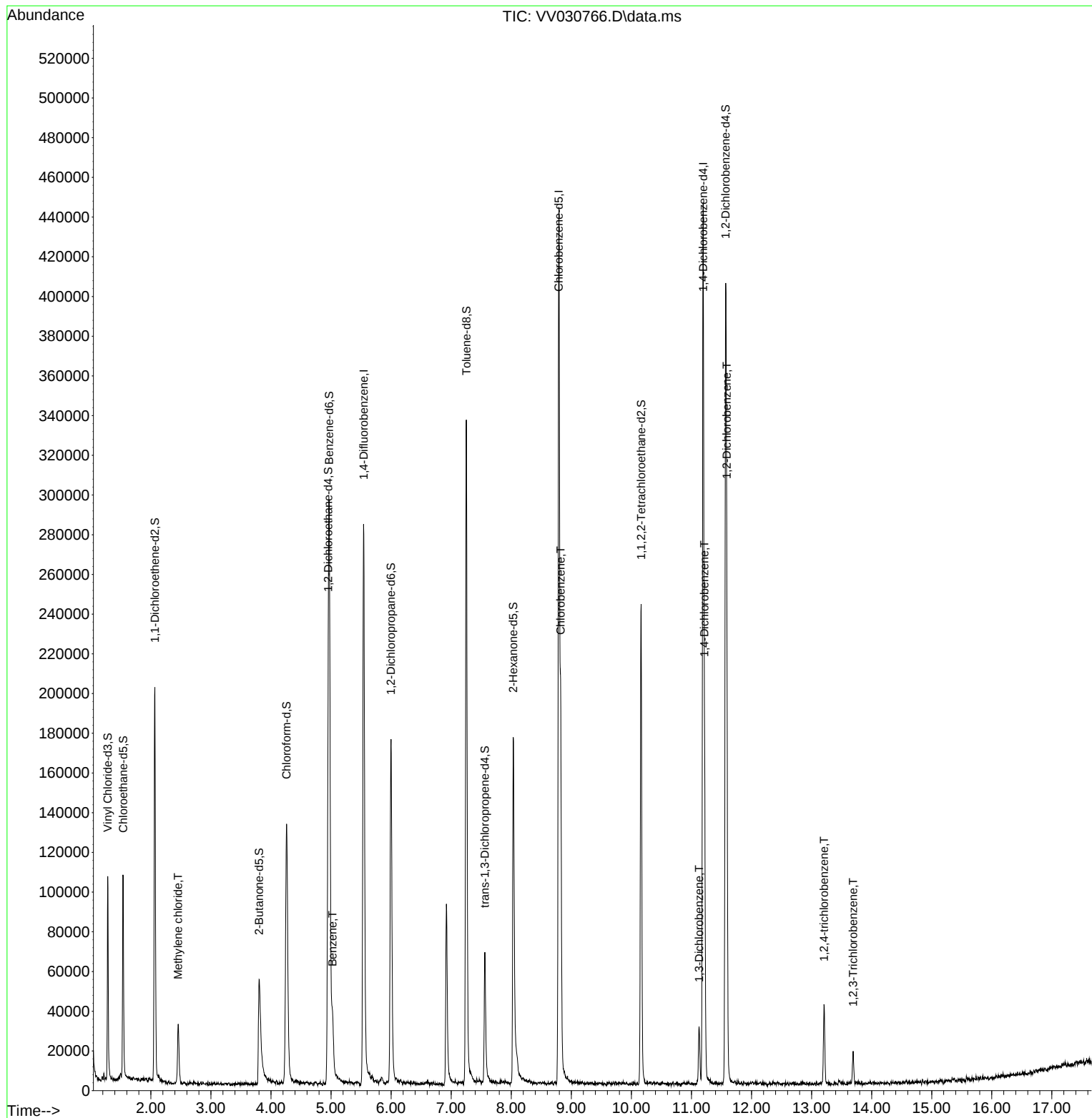
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235822	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	229690	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	111242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	66816	38.650	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.300%
7) Chloroethane-d5	1.539	69	61466	42.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.860%
11) 1,1-Dichloroethene-d2	2.066	65	34809	42.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.920%
21) 2-Butanone-d5	3.802	46	94460	99.480	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.480%
24) Chloroform-d	4.259	84	135200	43.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
26) 1,2-Dichloroethane-d4	4.953	65	93020	46.182	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
32) Benzene-d6	4.969	84	242199	44.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.998	67	74650	44.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.500%
41) Toluene-d8	7.252	98	220208	43.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.380%
43) trans-1,3-Dichloroprop...	7.561	79	37056	43.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.160%
47) 2-Hexanone-d5	8.034	63	57990	87.266	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.270%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	106054	43.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.660%
66) 1,2-Dichlorobenzene-d4	11.570	152	90537	51.204	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.455	84	12289	6.503	ug/L	96
33) Benzene	5.024	78	31458	4.510	ug/L	100
51) Chlorobenzene	8.821	112	93559	18.909	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	12121	3.490	ug/L	92
65) 1,4-Dichlorobenzene	11.217	146	58640	16.010	ug/L	100
67) 1,2-Dichlorobenzene	11.586	146	77137	22.014	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	11957	5.367	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	4297	1.945	ug/L	96

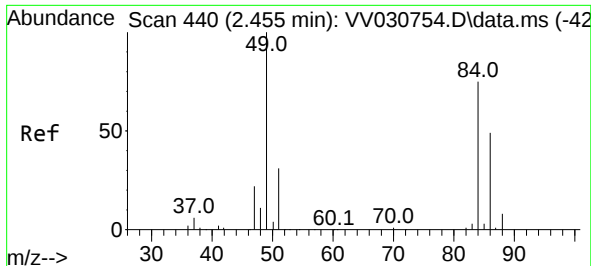
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration

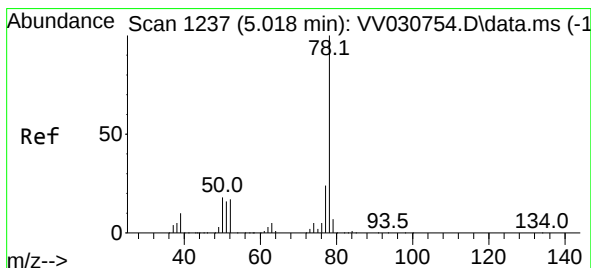
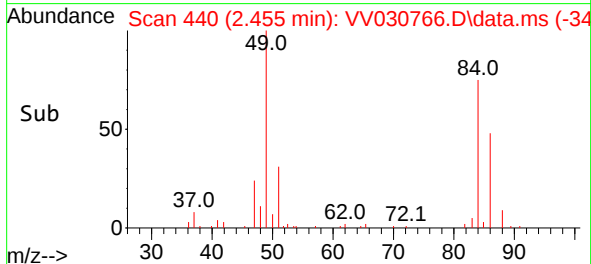
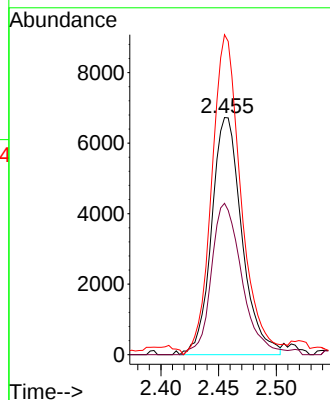
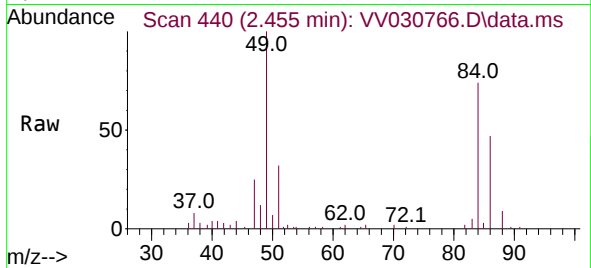




#16
Methylene chloride
Concen: 6.503 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030766.D
Acq: 21 Apr 2023 15:45

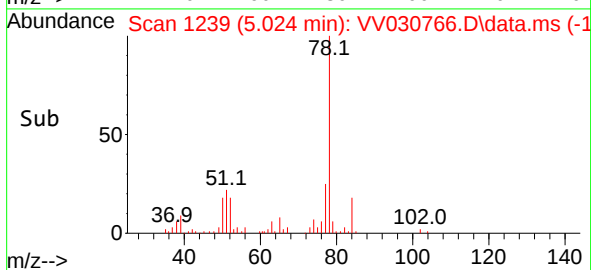
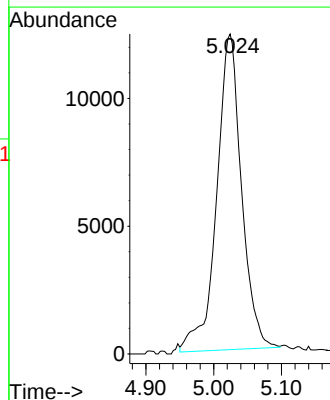
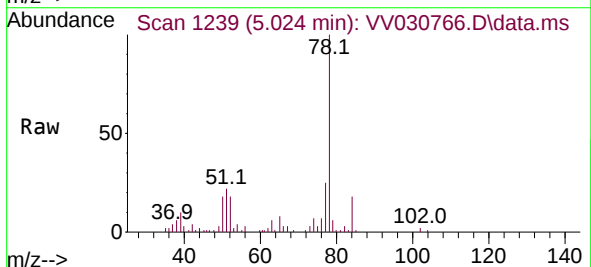
Instrument :
MSVOA_V
ClientSampleId :
COMN7DL

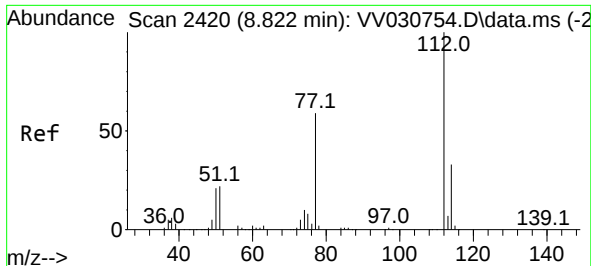
Tgt Ion: 84 Resp: 12289
Ion Ratio Lower Upper
84 100
86 63.9 45.4 84.2
49 135.0 90.4 168.0



#33
Benzene
Concen: 4.510 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VV030766.D
Acq: 21 Apr 2023 15:45

Tgt Ion: 78 Resp: 31458

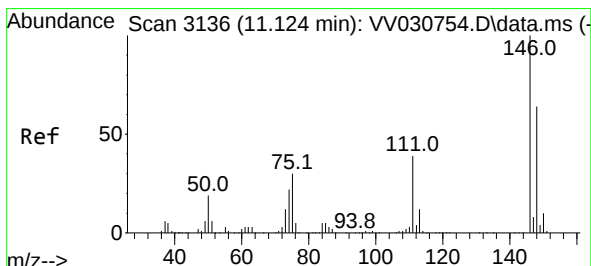
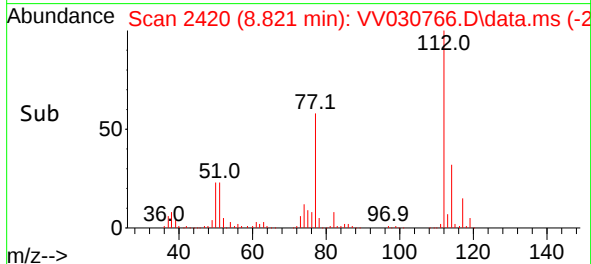
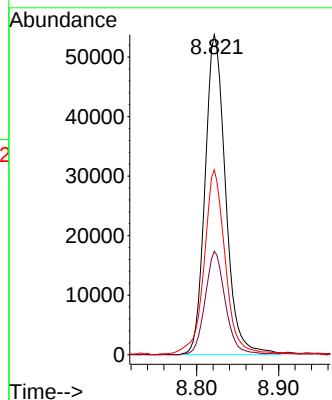
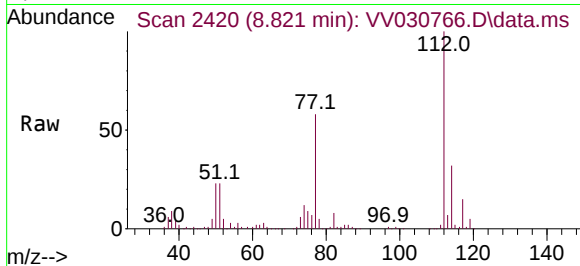




#51
Chlorobenzene
Concen: 18.909 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030766.D
Acq: 21 Apr 2023 15:45

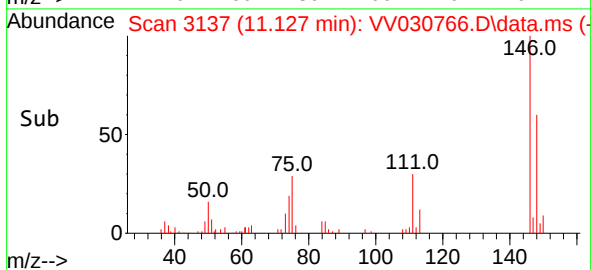
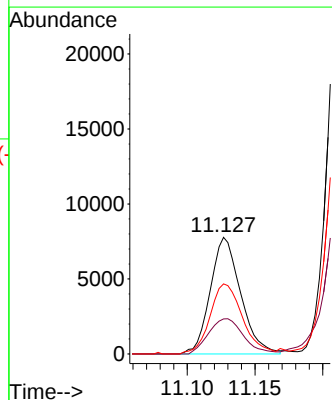
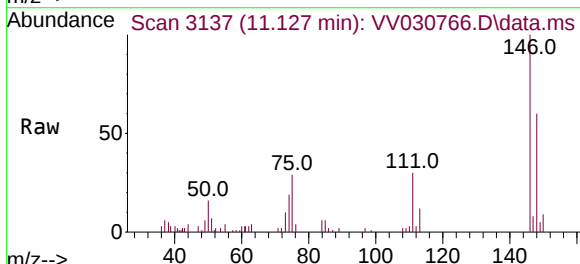
Instrument :
MSVOA_V
ClientSampleId :
COMN7DL

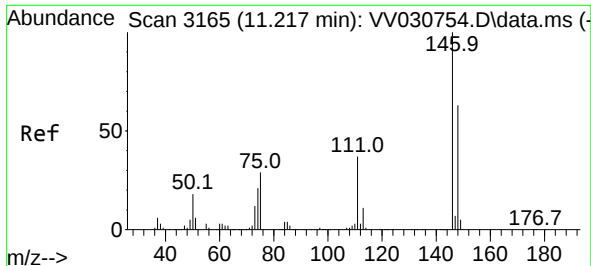
Tgt Ion:112 Resp: 93559
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 57.8 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 3.490 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030766.D
Acq: 21 Apr 2023 15:45

Tgt Ion:146 Resp: 12121
Ion Ratio Lower Upper
146 100
111 30.1 27.0 50.2
148 60.1 44.8 83.2





#65

1,4-Dichlorobenzene

Concen: 16.010 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VV030766.D

Acq: 21 Apr 2023 15:45

Instrument :

MSVOA_V

ClientSampleId :

COMN7DL

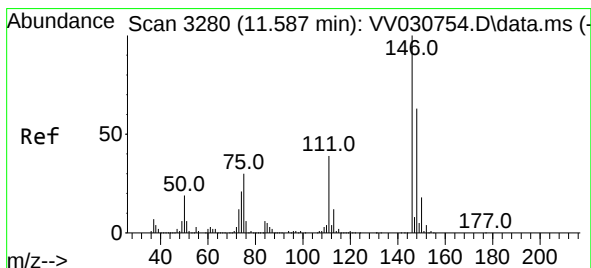
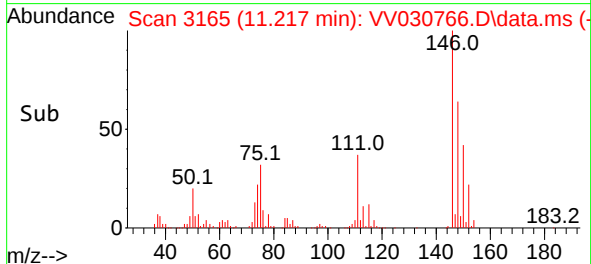
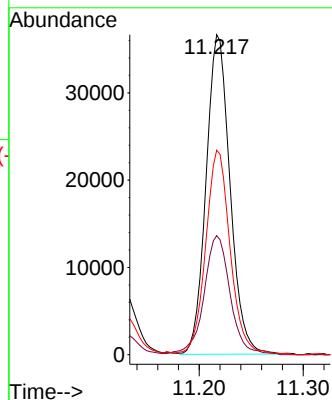
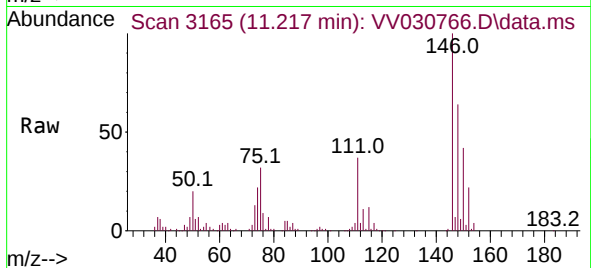
Tgt Ion:146 Resp: 58640

Ion Ratio Lower Upper

146 100

111 37.2 26.5 49.1

148 63.9 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 22.014 ug/L

RT: 11.586 min Scan# 3280

Delta R.T. -0.000 min

Lab File: VV030766.D

Acq: 21 Apr 2023 15:45

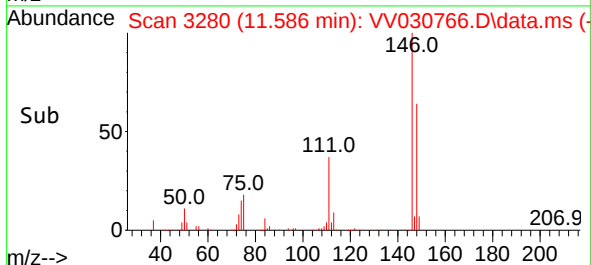
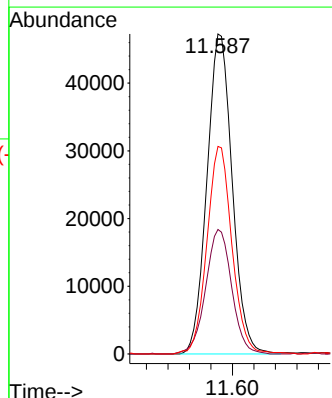
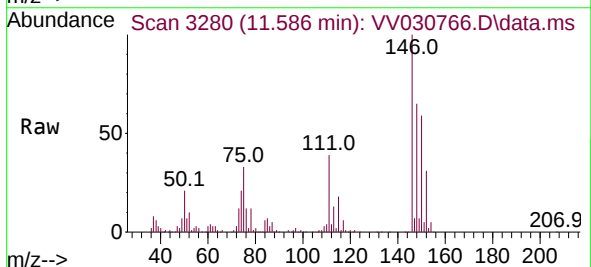
Tgt Ion:146 Resp: 77137

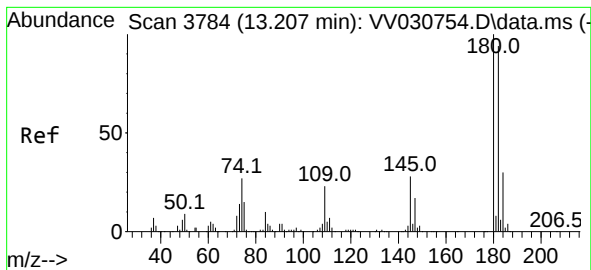
Ion Ratio Lower Upper

146 100

111 38.9 32.0 48.0

148 64.9 50.6 76.0





#70

1,2,4-trichlorobenzene

Concen: 5.367 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030766.D

Acq: 21 Apr 2023 15:45

Instrument :

MSVOA_V

ClientSampleId :

COMN7DL

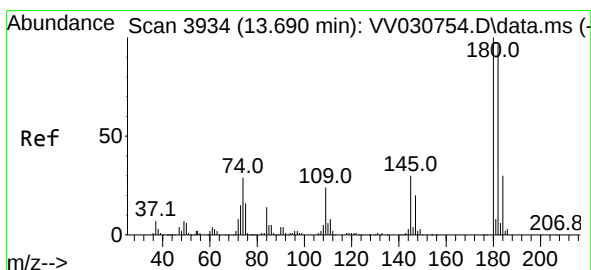
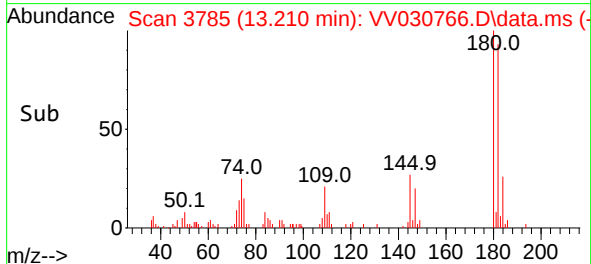
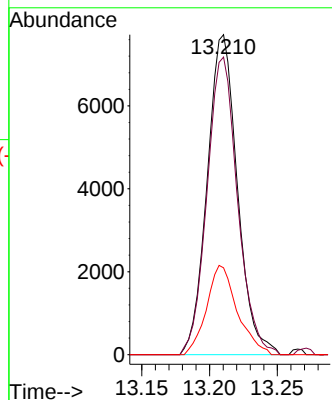
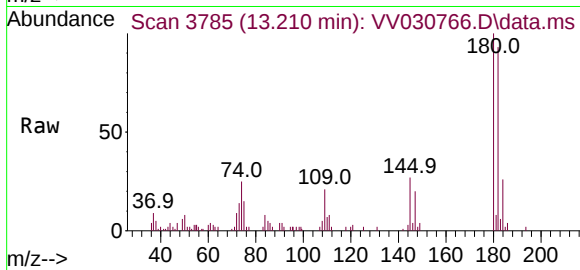
Tgt Ion:180 Resp: 11957

Ion Ratio Lower Upper

180 100

182 94.0 75.9 113.9

145 28.3 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 1.945 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030766.D

Acq: 21 Apr 2023 15:45

Tgt Ion:180 Resp: 4297

Ion Ratio Lower Upper

180 100

182 100.5 76.2 114.4

145 30.5 25.1 37.7

