

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009357.D
 Acq On : 22 Mar 2019 19:10
 Operator : SY/VA
 Sample : K2048-22
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G4

Quant Time: Mar 23 00:19:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	401635	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157672	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99187	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
7) Chloroethane-d5	2.90	69	103503	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.72%
10) 1,1-Dichloroethene-d2	4.01	63	154619	14.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.64%
20) 2-Butanone-d5	7.08	46	75394	37.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.96%
24) Chloroform-d	7.64	84	237040	21.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	8.38	65	120	0.02	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	422585	20.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.64%
33) 1,2-Dichloropropane-d6	9.27	67	136027	21.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.48%
37) Toluene-d8	10.32	98	369650	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.24%
38) trans-1,3-Dichloropropene-	10.58	79	58639	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.08%
39) 2-Hexanone-d5	10.93	63	57145	37.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128783	21.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	129987	21.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.00%

Target Compounds

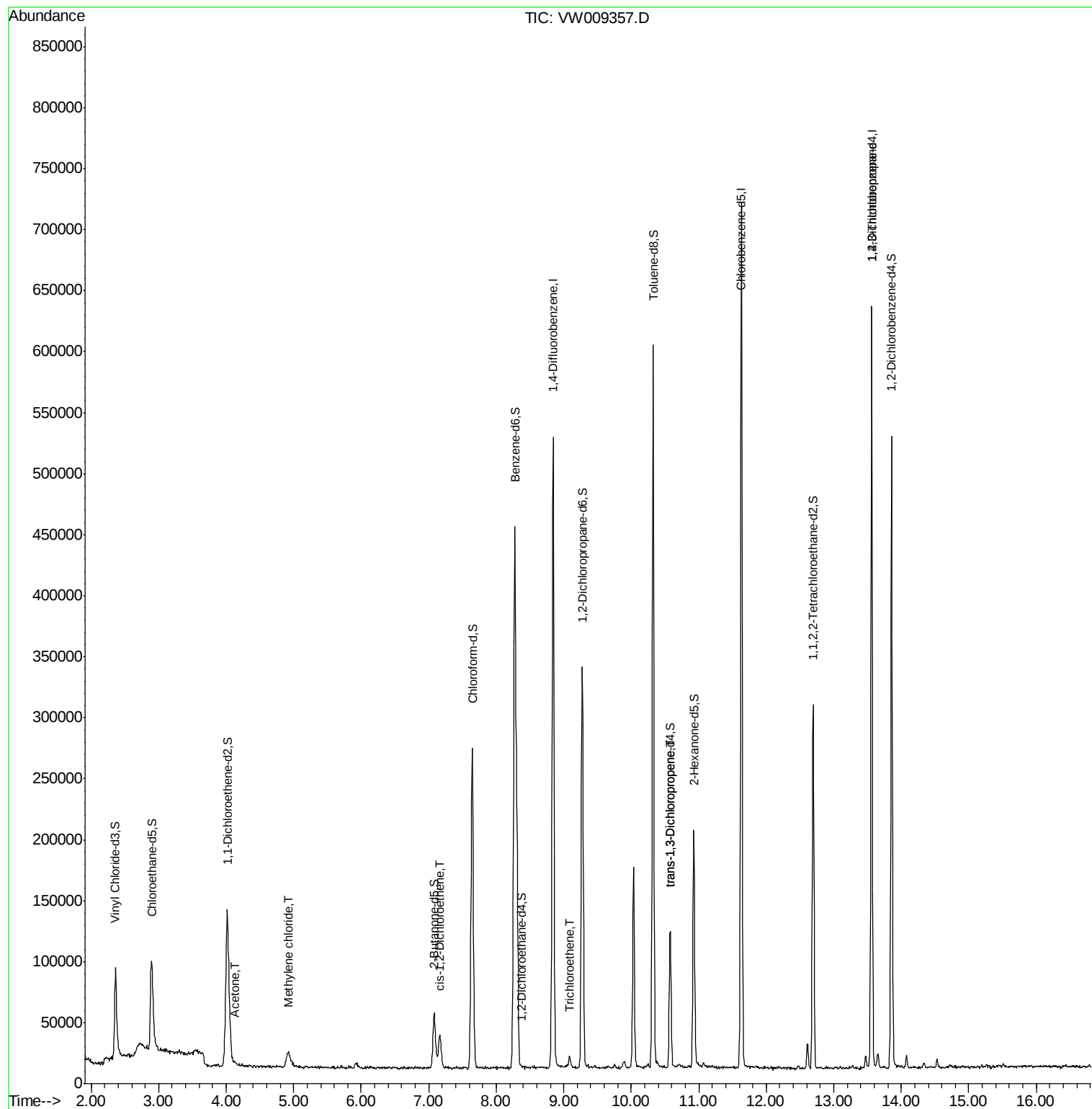
					Qvalue
13) Acetone	4.12	43	2428	1.492 ug/L	84
16) Methylene chloride	4.92	84	10808	1.845 ug/L	80
22) cis-1,2-Dichloroethene	7.17	96	13886	2.465 ug/L	97
35) Trichloroethene	9.09	95	2467	0.451 ug/L	94
45) trans-1,3-Dichloropropene	10.57	75	3459	0.463 ug/L	96
59) 1,2,3-Trichloropropane	13.56	75	20227	4.802 ug/L	89

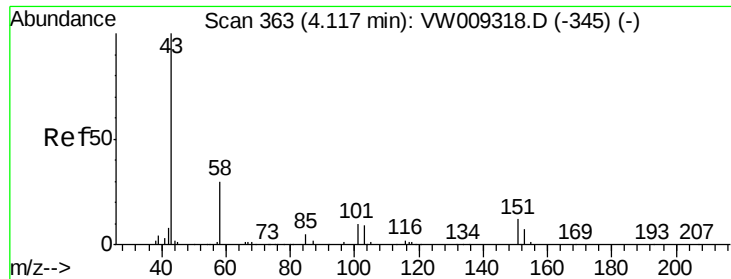
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration

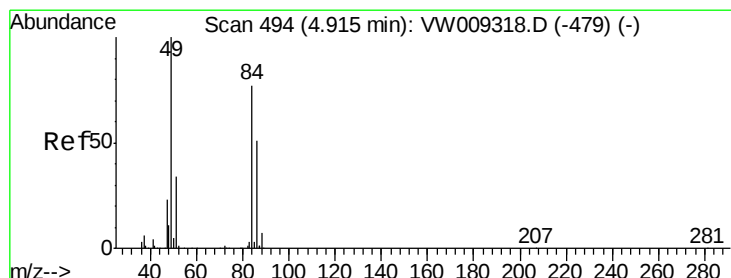
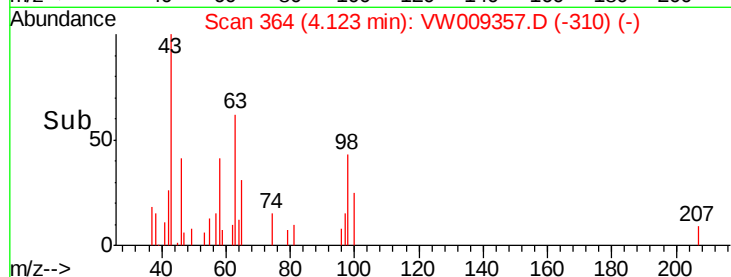
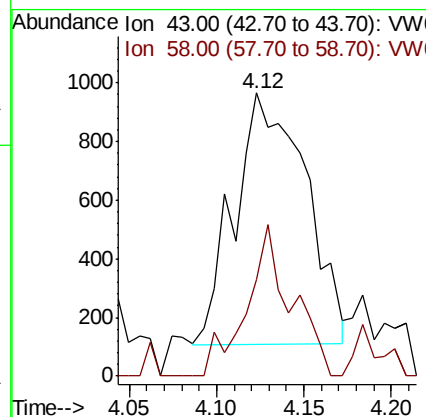
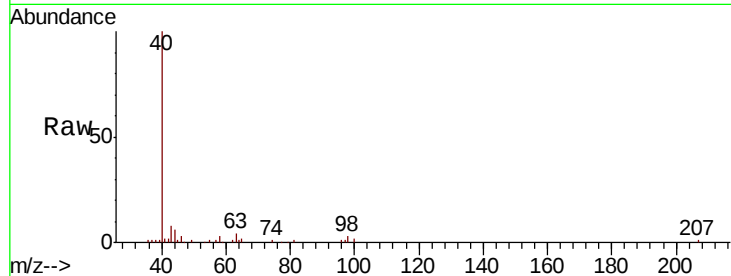




#13
Acetone
Concen: 1.492 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009357.D
Acq: 22 Mar 2019 19:10

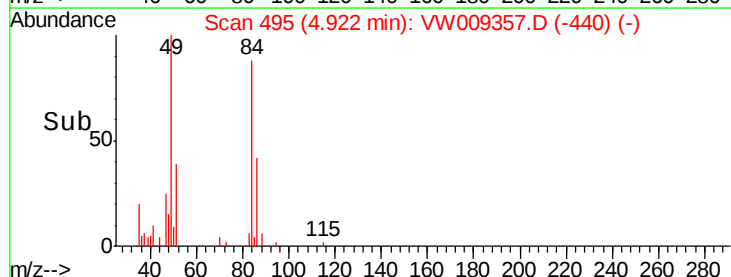
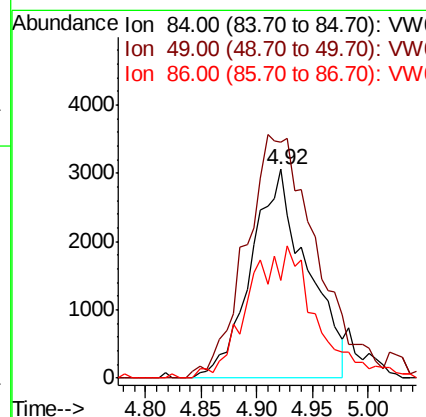
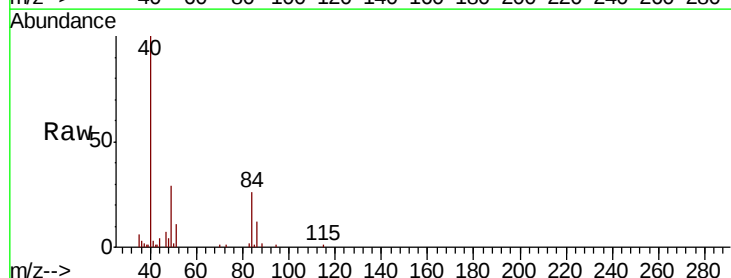
Instrument :
MSVOA_W
ClientSampled :
BF0G4

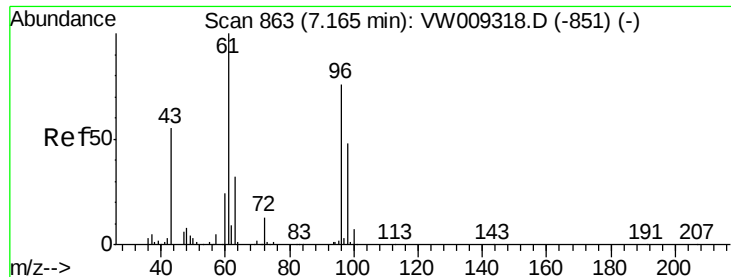
Tgt Ion: 43 Resp: 2428
Ion Ratio Lower Upper
43 100
58 19.8 0.0 56.2



#16
Methylene chloride
Concen: 1.845 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009357.D
Acq: 22 Mar 2019 19:10

Tgt Ion: 84 Resp: 10808
Ion Ratio Lower Upper
84 100
49 113.0 96.0 178.2
86 46.9 44.4 82.5



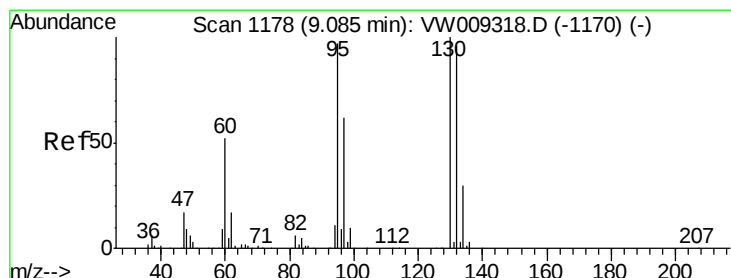
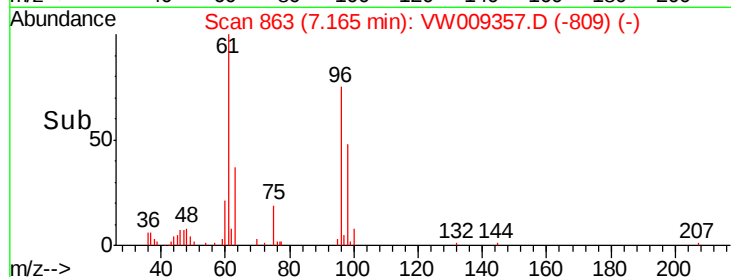
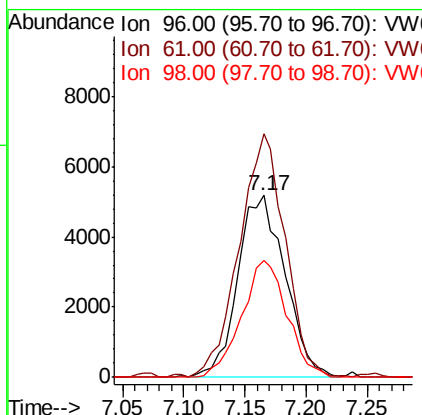
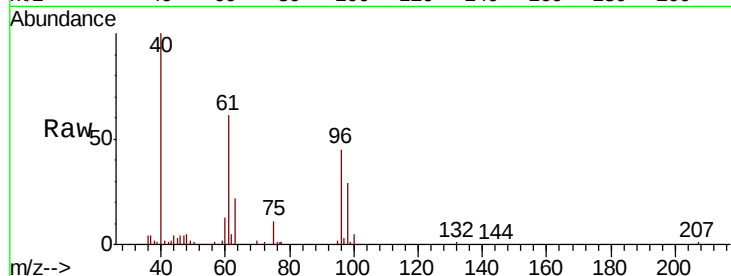


#22

cis-1,2-Dichloroethene
 Concen: 2.465 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW009357.D
 Acq: 22 Mar 2019 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G4

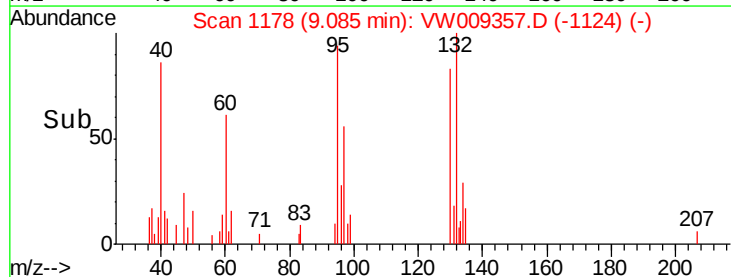
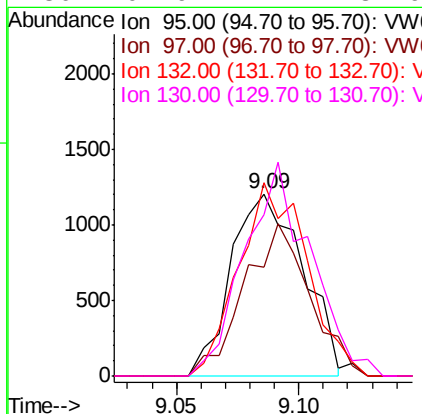
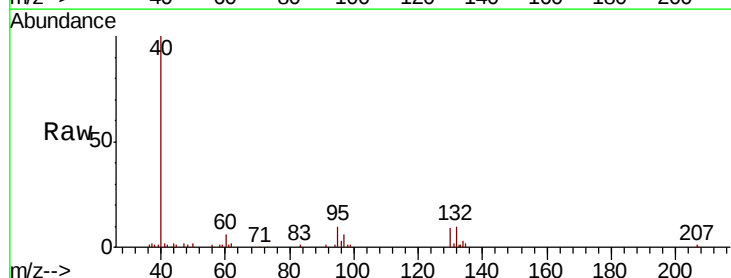
Tgt Ion: 96 Resp: 13886
 Ion Ratio Lower Upper
 96 100
 61 133.9 90.6 168.3
 98 63.9 44.0 81.8

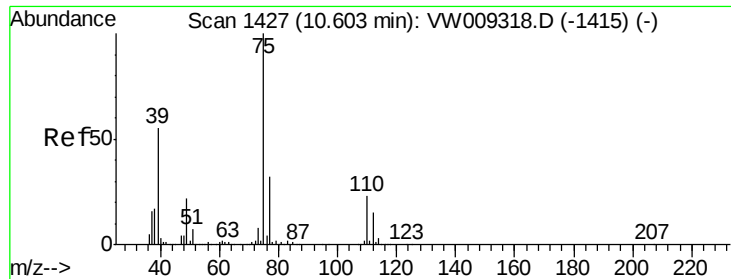


#35

Trichloroethene
 Concen: 0.451 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009357.D
 Acq: 22 Mar 2019 19:10

Tgt Ion: 95 Resp: 2467
 Ion Ratio Lower Upper
 95 100
 97 76.2 44.7 82.9
 132 100.9 69.0 128.2
 130 107.9 72.7 134.9





#45

trans-1,3-Dichloropropene

Concen: 0.463 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009357.D

Acq: 22 Mar 2019 19:10

Instrument :

MSVOA_W

ClientSampleId :

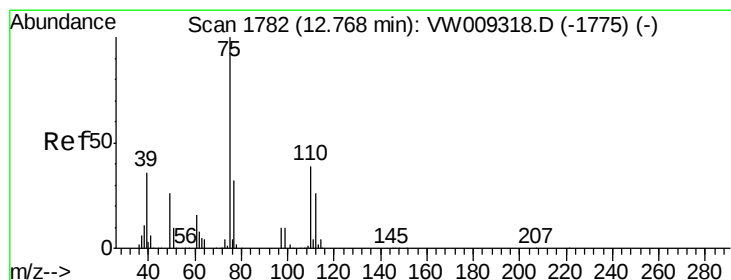
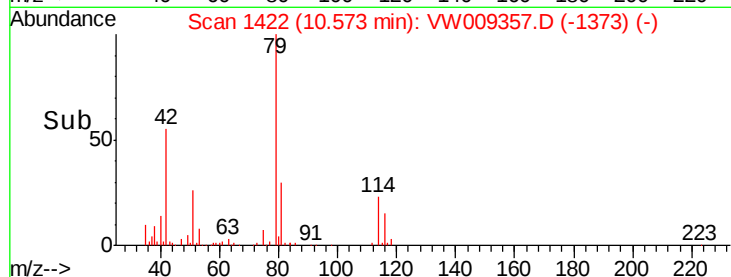
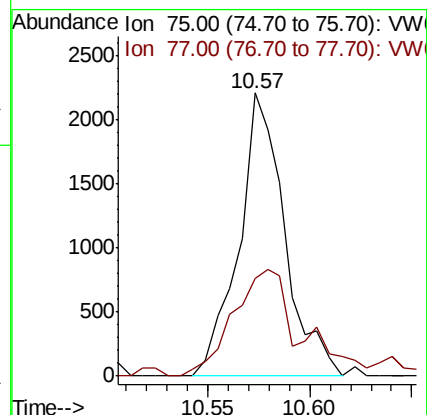
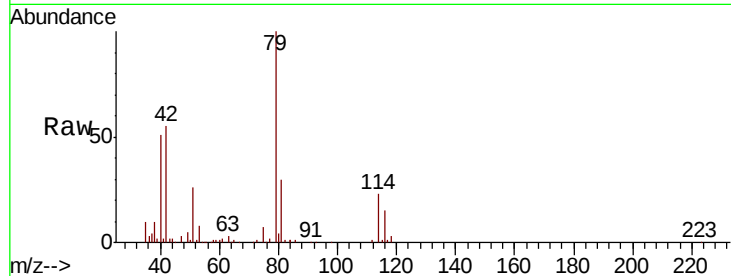
BF0G4

Tgt Ion: 75 Resp: 3459

Ion Ratio Lower Upper

75 100

77 34.4 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 4.802 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009357.D

Acq: 22 Mar 2019 19:10

Tgt Ion: 75 Resp: 20227

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.2

