

Data File : VW009312.D
Acq On : 21 Mar 2019 03:39
Operator : SY/VA
Sample : K1988-13
Misc : 6.15G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0C4

Quant Time: Mar 21 12:25:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343269	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154154	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89782	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	2.89	69	81425	16.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.84%
10) 1,1-Dichloroethene-d2	4.01	63	133188	15.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.08%
20) 2-Butanone-d5	7.07	46	68436	40.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.68%
24) Chloroform-d	7.65	84	184535	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	8.31	65	113207	20.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.24%
29) Benzene-d6	8.27	84	354975	19.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.16%
33) 1,2-Dichloropropane-d6	9.27	67	107203	19.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.60%
37) Toluene-d8	10.32	98	304317	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.40%
38) trans-1,3-Dichloropropene-	10.57	79	46547	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.80%
39) 2-Hexanone-d5	10.93	63	49359	37.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109905	20.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	122798	20.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.08%

Target Compounds

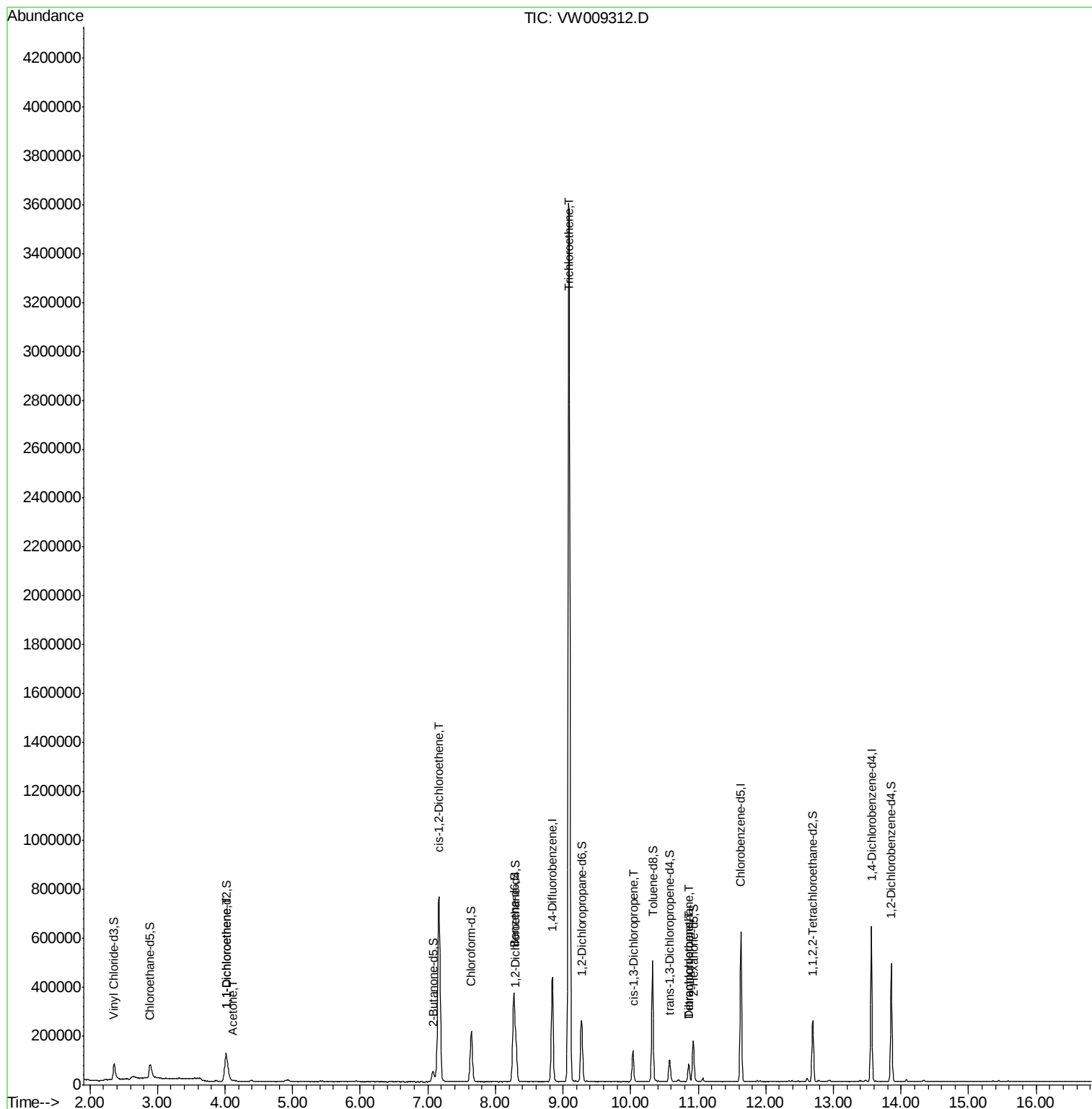
					Qvalue
12) 1,1-Dichloroethene	4.02	96	1707	0.404 ug/L #	1
13) Acetone	4.12	43	1945	1.398 ug/L	55
22) cis-1,2-Dichloroethene	7.17	96	408071	84.761 ug/L	98
35) Trichloroethene	9.09	95	1144083	241.188 ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	3780	0.508 ug/L #	61
47) Tetrachloroethene	10.86	164	14788	3.690 ug/L	95
50) Dibromochloromethane	10.85	129	13272	2.950 ug/L #	9

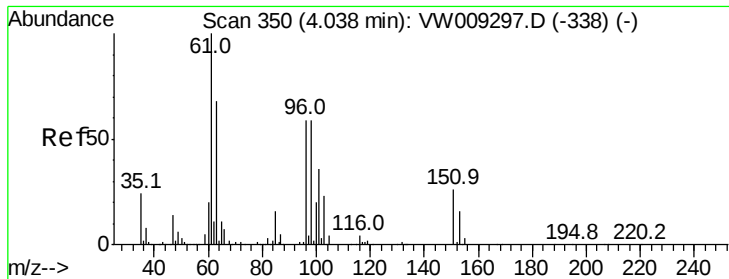
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.404 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW009312.D

Acq: 21 Mar 2019 03:39

Instrument :

MSVOA_W

ClientSampleId :

BF0C4

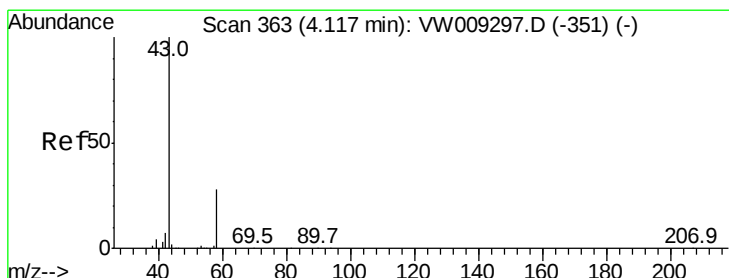
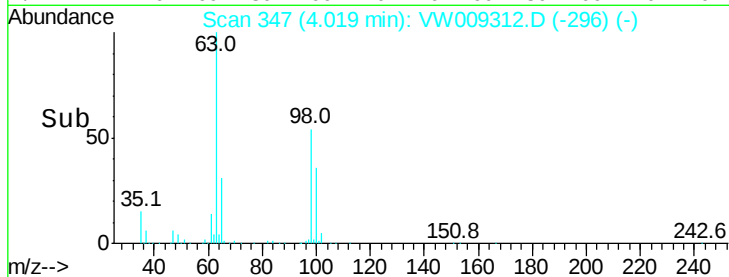
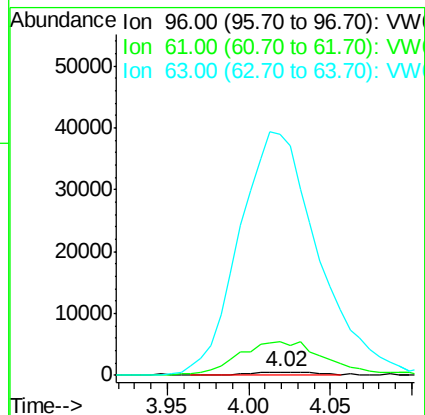
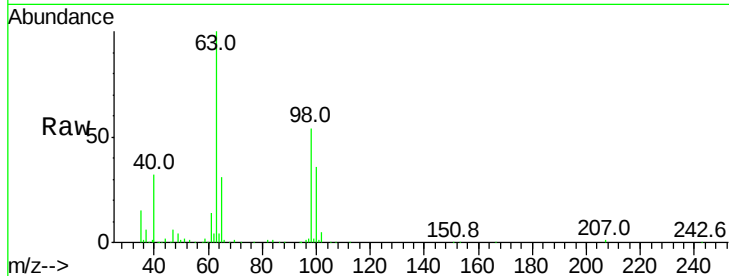
Tgt Ion: 96 Resp: 1707

Ion Ratio Lower Upper

96 100

61 1000.9 129.4 240.2#

63 7137.0 116.8 217.0#



#13

Acetone

Concen: 1.398 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009312.D

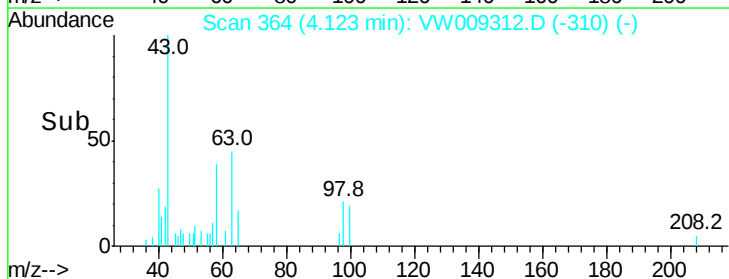
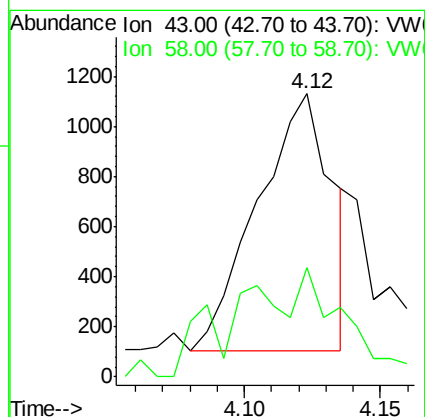
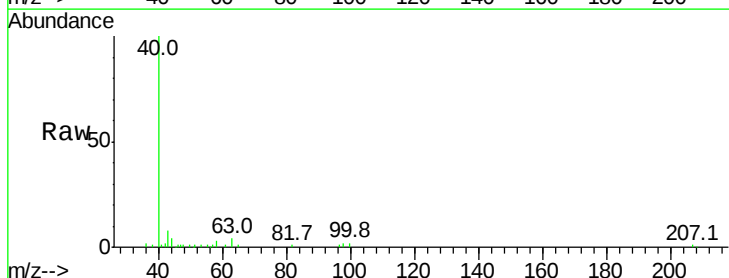
Acq: 21 Mar 2019 03:39

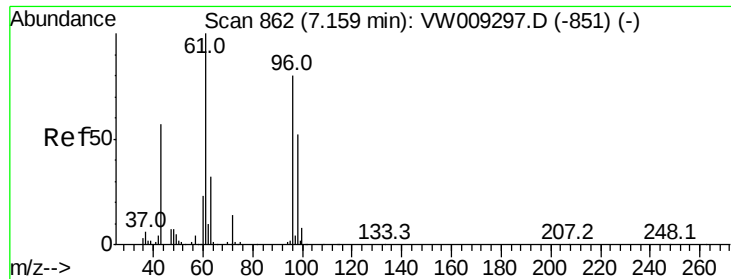
Tgt Ion: 43 Resp: 1945

Ion Ratio Lower Upper

43 100

58 4.3 0.0 56.2



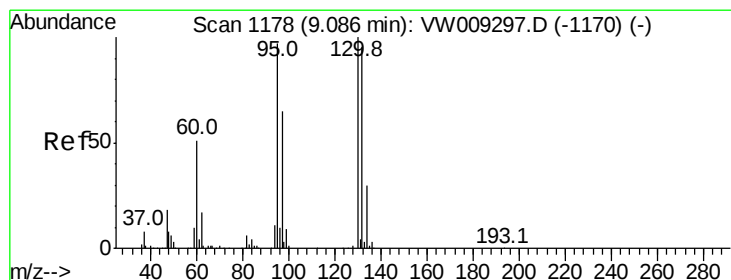
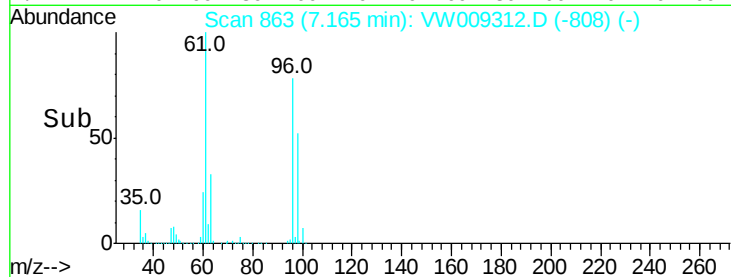
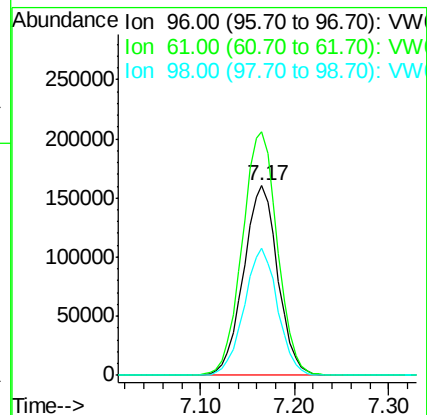
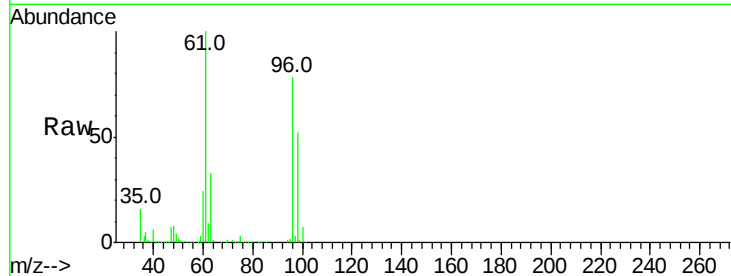


#22

cis-1,2-Dichloroethene
Concen: 84.761 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009312.D
Acq: 21 Mar 2019 03:39

Instrument :
MSVOA_W
ClientSampled :
BF0C4

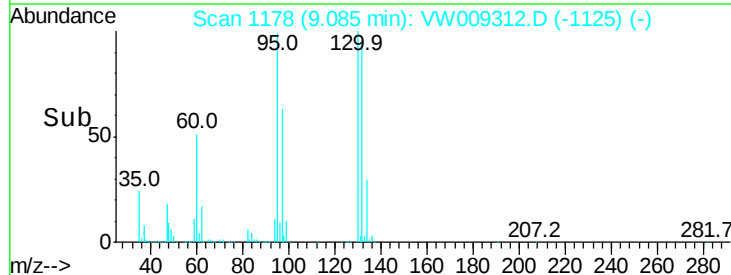
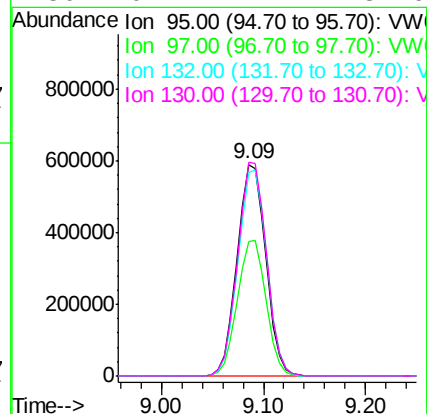
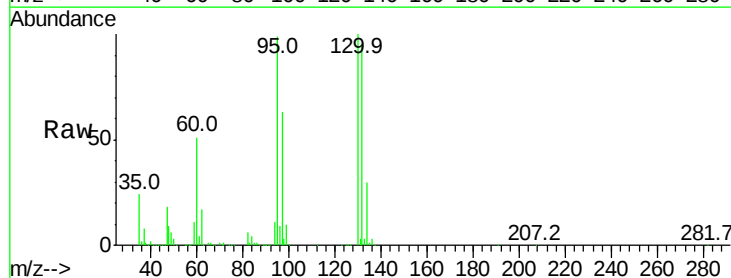
Tgt Ion: 96 Resp: 408071
Ion Ratio Lower Upper
96 100
61 128.4 90.6 168.3
98 66.9 44.0 81.8

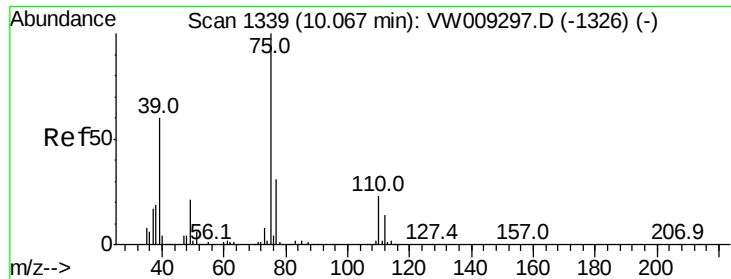


#35

Trichloroethene
Concen: 241.188 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW009312.D
Acq: 21 Mar 2019 03:39

Tgt Ion: 95 Resp: 1144083
Ion Ratio Lower Upper
95 100
97 64.2 44.7 82.9
132 98.1 69.0 128.2
130 101.7 72.7 134.9





#42

cis-1,3-Dichloropropene

Concen: 0.508 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009312.D

Acq: 21 Mar 2019 03:39

Instrument :

MSVOA_W

ClientSampleId :

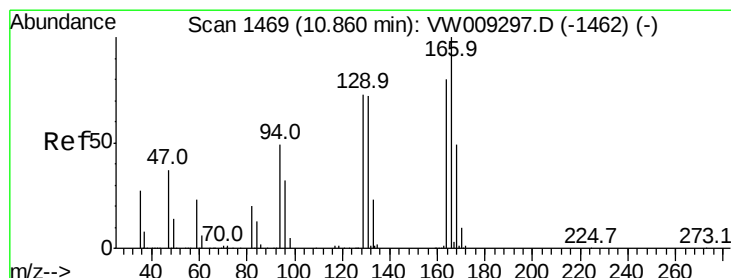
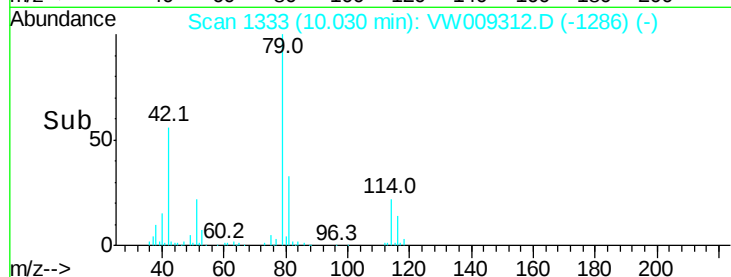
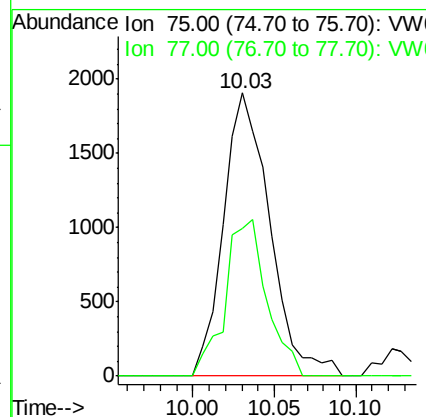
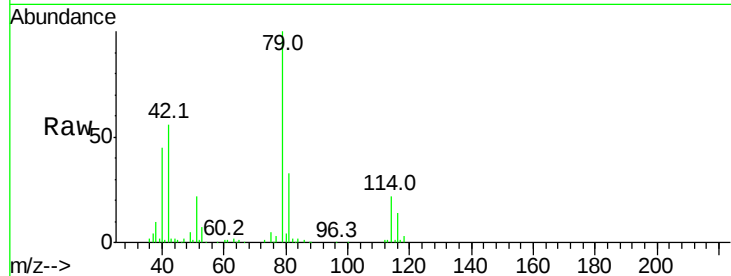
BF0C4

Tgt Ion: 75 Resp: 3780

Ion Ratio Lower Upper

75 100

77 52.3 21.6 40.2#



#47

Tetrachloroethene

Concen: 3.690 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009312.D

Acq: 21 Mar 2019 03:39

Tgt Ion:164 Resp: 14788

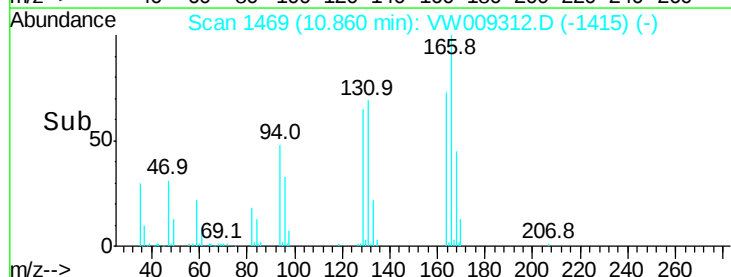
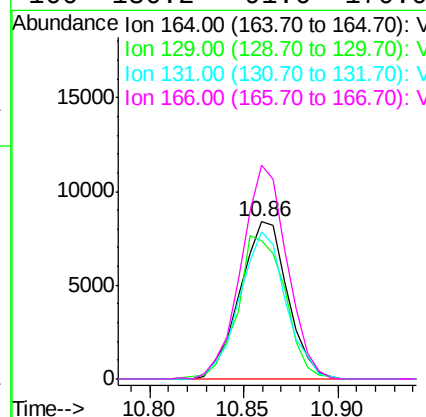
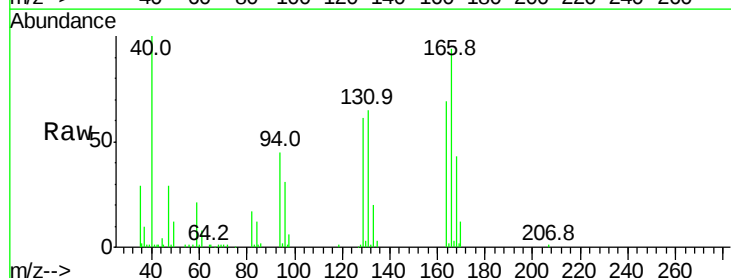
Ion Ratio Lower Upper

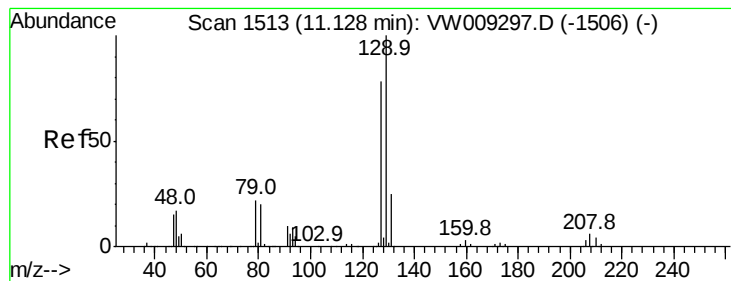
164 100

129 88.5 66.5 123.5

131 94.0 62.6 116.3

166 136.2 91.6 170.0





#50

Dibromochloromethane

Concen: 2.950 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.27 min

Lab File: VW009312.D

Acq: 21 Mar 2019 03:39

Instrument :

MSVOA_W

ClientSampleId :

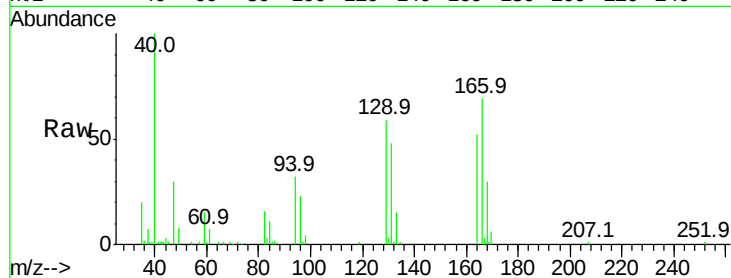
BF0C4

Tgt Ion:129 Resp: 13272

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

