

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009354.D
 Acq On : 22 Mar 2019 17:48
 Operator : SY/VA
 Sample : K2017-21
 Misc : 4.88G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0F0

Quant Time: Mar 23 00:18:40 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	298592	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277089	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110005	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82302	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
7) Chloroethane-d5	2.90	69	83509	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
10) 1,1-Dichloroethene-d2	4.02	63	127640	16.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.20%
20) 2-Butanone-d5	7.07	46	99486	67.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.84%
24) Chloroform-d	7.65	84	187243	22.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	8.31	65	121609	24.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.08%
29) Benzene-d6	8.27	84	335848	21.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.92%
33) 1,2-Dichloropropane-d6	9.27	67	108028	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.32	98	283489	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.24%
38) trans-1,3-Dichloropropene-	10.58	79	48013	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.32%
39) 2-Hexanone-d5	10.93	63	67888	61.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125480	27.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	97134	23.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.12%

Target Compounds

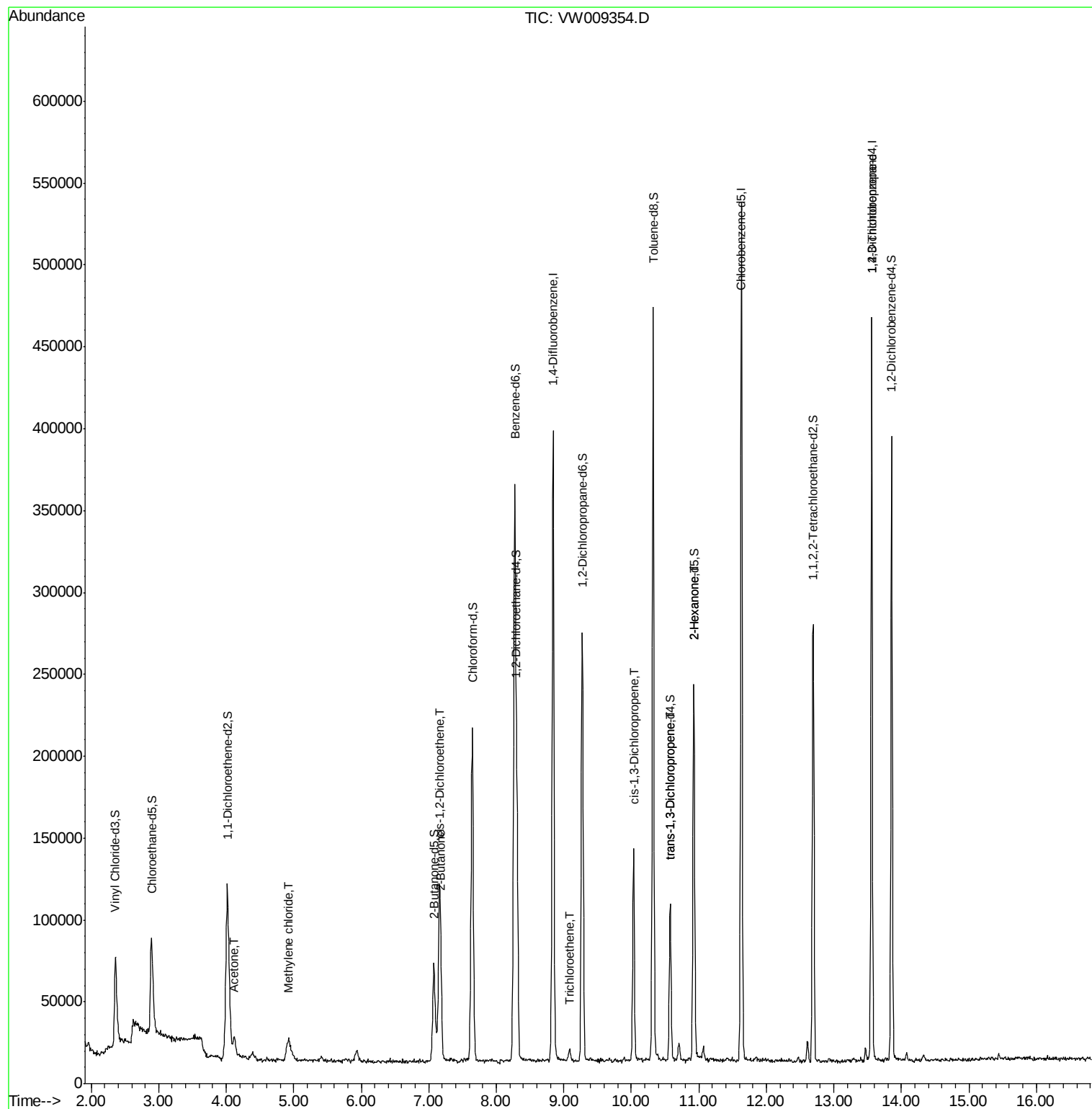
					Qvalue
13) Acetone	4.12	43	21074	17.415 ug/L	95
16) Methylene chloride	4.92	84	6602	1.516 ug/L	96
21) 2-Butanone	7.18	43	4155	2.487 ug/L	89
22) cis-1,2-Dichloroethene	7.17	96	55066	13.149 ug/L	99
35) Trichloroethene	9.10	95	1901	0.470 ug/L #	68
42) cis-1,3-Dichloropropene	10.04	75	4281	0.675 ug/L	86
45) trans-1,3-Dichloropropene	10.58	75	2660	0.482 ug/L	84
49) 2-Hexanone	10.93	43	11425	4.600 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	14619	4.703 ug/L	89

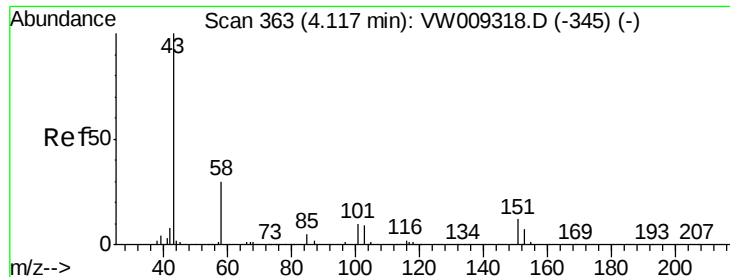
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
Data File : VW009354.D
Acq On : 22 Mar 2019 17:48
Operator : SY/VA
Sample : K2017-21
Misc : 4.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0F0

Quant Time: Mar 23 00:18:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 17.415 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009354.D

Acq: 22 Mar 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

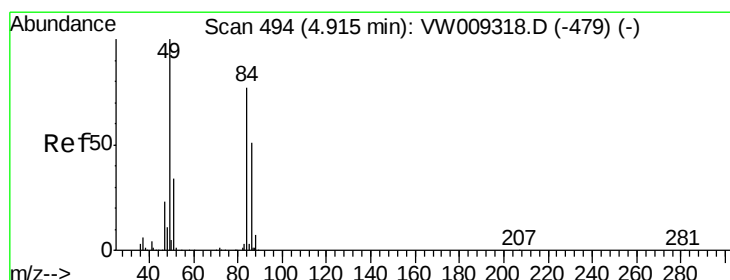
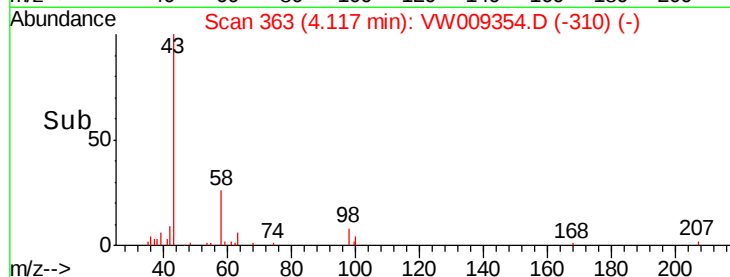
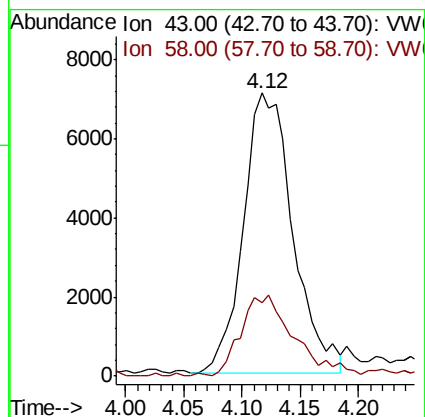
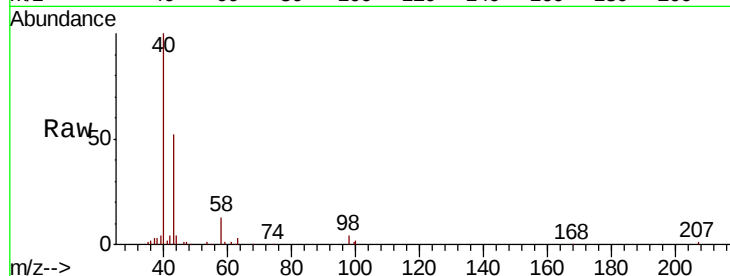
BFOF0

Tgt Ion: 43 Resp: 21074

Ion Ratio Lower Upper

43 100

58 31.0 0.0 56.2



#16

Methylene chloride

Concen: 1.516 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009354.D

Acq: 22 Mar 2019 17:48

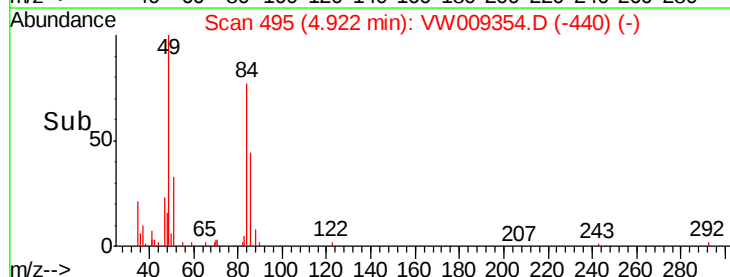
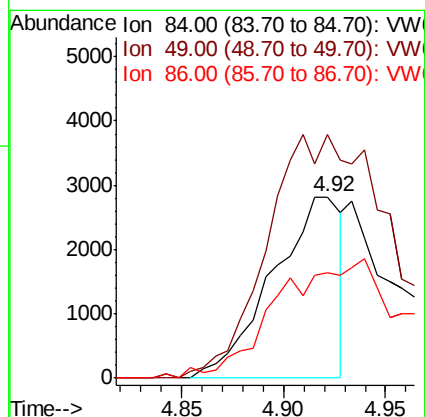
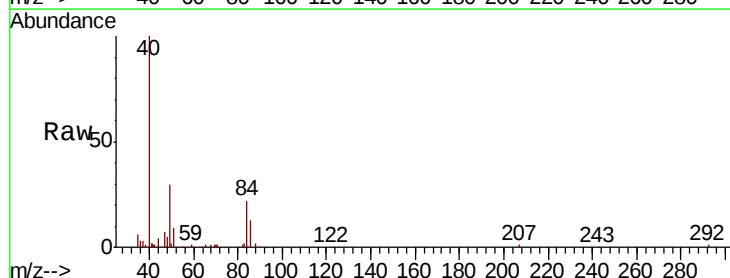
Tgt Ion: 84 Resp: 6602

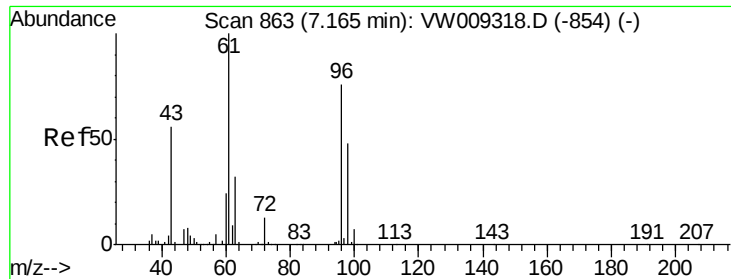
Ion Ratio Lower Upper

84 100

49 134.5 96.0 178.2

86 57.9 44.4 82.5

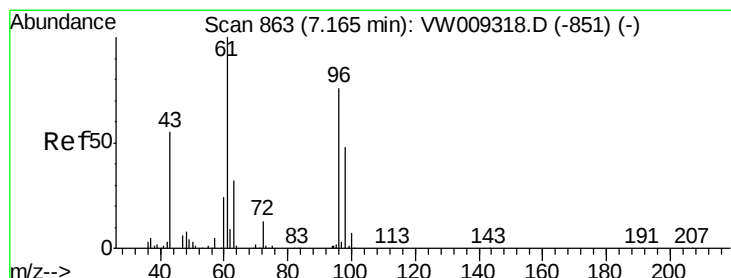
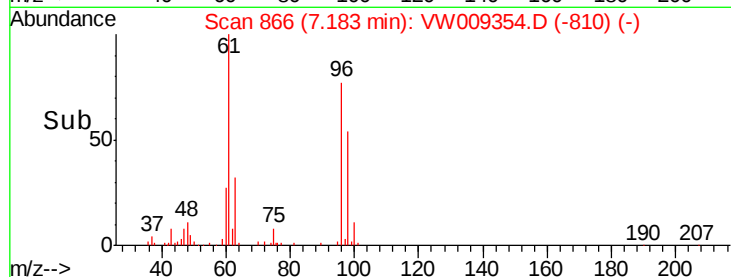
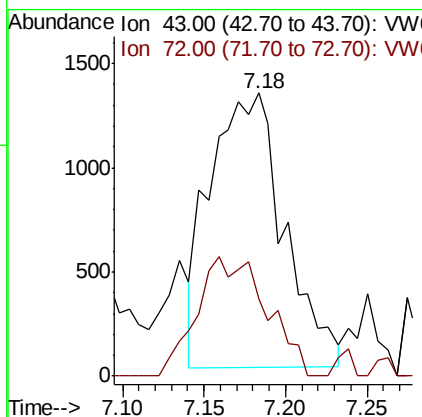
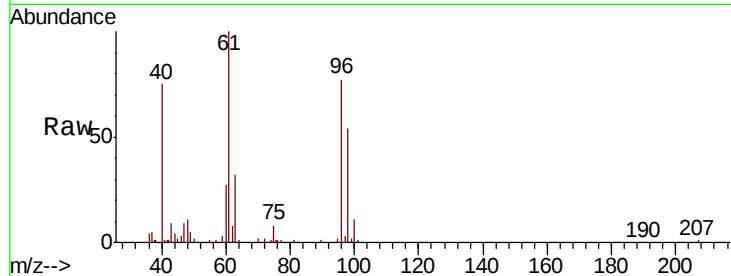




#21
2-Butanone
Concen: 2.487 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW009354.D
Acq: 22 Mar 2019 17:48

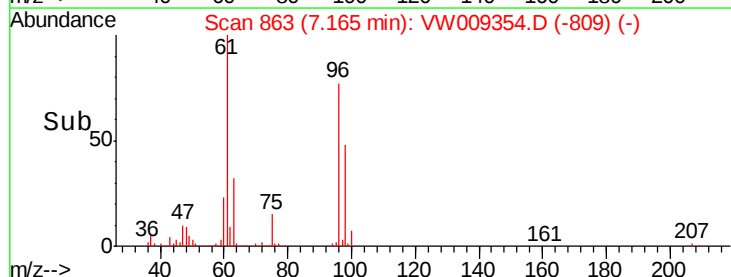
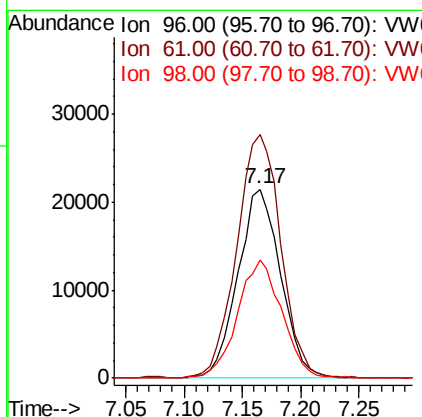
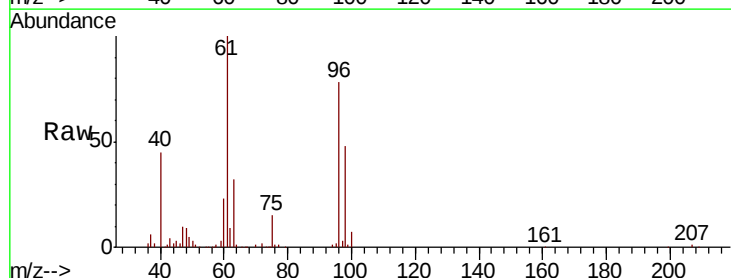
Instrument :
MSVOA_W
ClientSampled :
BF0F0

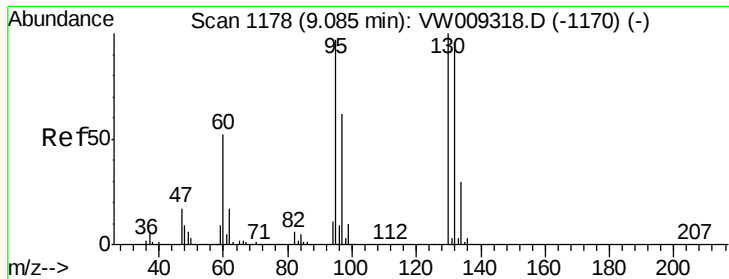
Tgt Ion: 43 Resp: 4155
Ion Ratio Lower Upper
43 100
72 20.5 13.1 39.1



#22
cis-1,2-Dichloroethene
Concen: 13.149 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009354.D
Acq: 22 Mar 2019 17:48

Tgt Ion: 96 Resp: 55066
Ion Ratio Lower Upper
96 100
61 129.0 90.6 168.3
98 62.3 44.0 81.8





#35

Trichloroethene

Concen: 0.470 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW009354.D

Acq: 22 Mar 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

BF0F0

Tgt Ion: 95 Resp: 1901

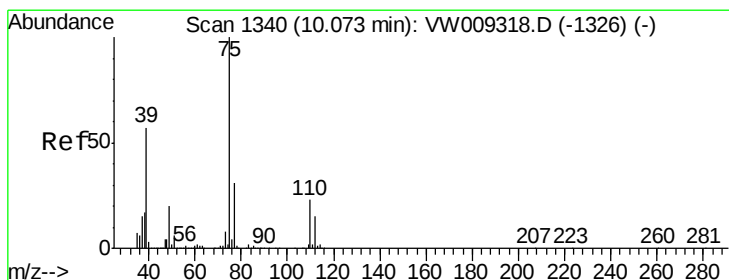
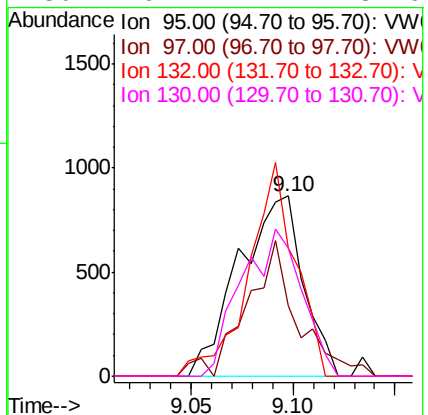
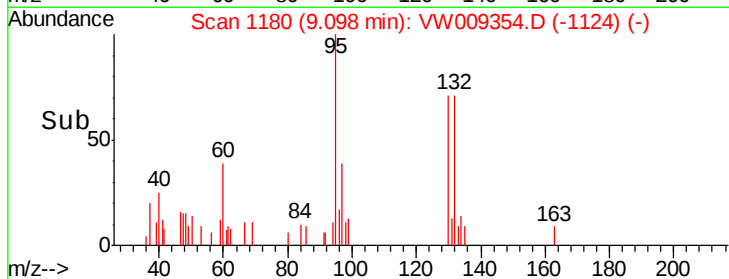
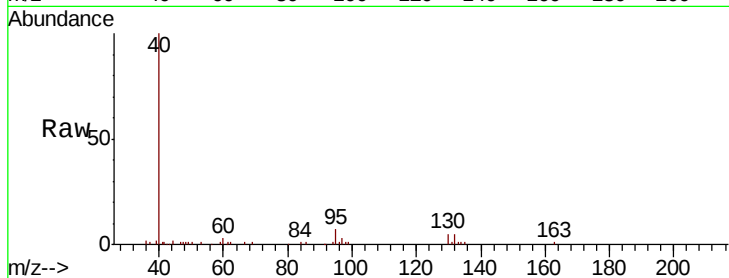
Ion Ratio Lower Upper

95 100

97 57.4 44.7 82.9

132 83.1 69.0 128.2

130 40.7 72.7 134.9#



#42

cis-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009354.D

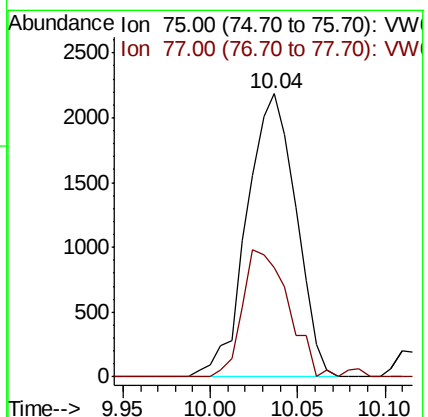
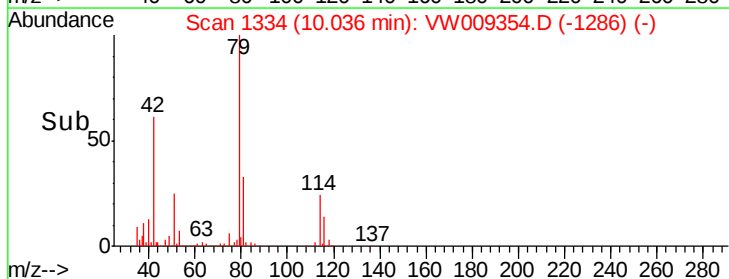
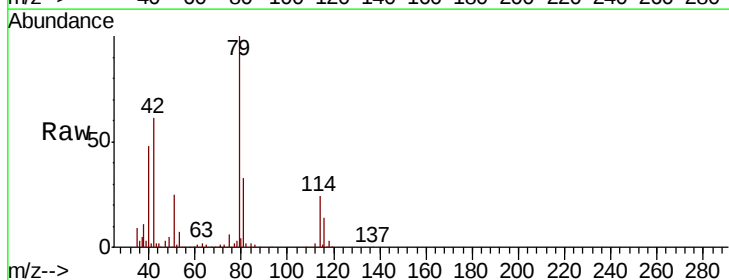
Acq: 22 Mar 2019 17:48

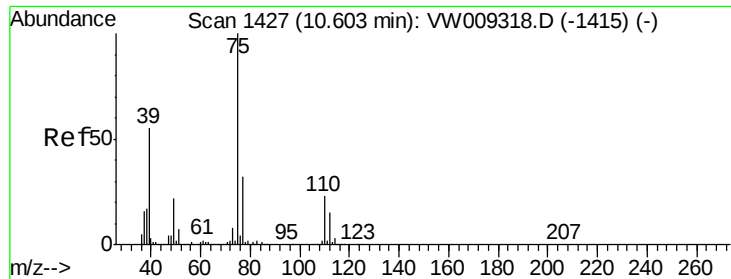
Tgt Ion: 75 Resp: 4281

Ion Ratio Lower Upper

75 100

77 38.5 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.482 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009354.D

Acq: 22 Mar 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

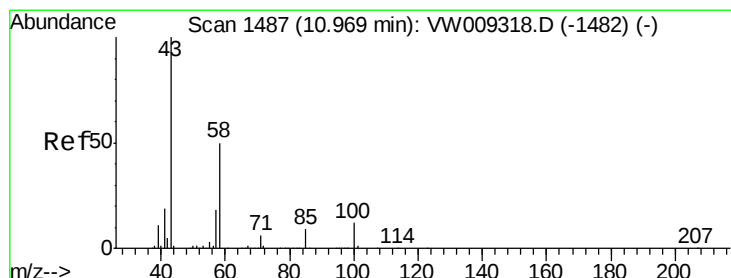
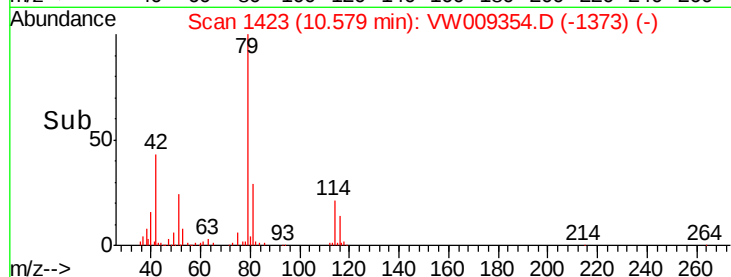
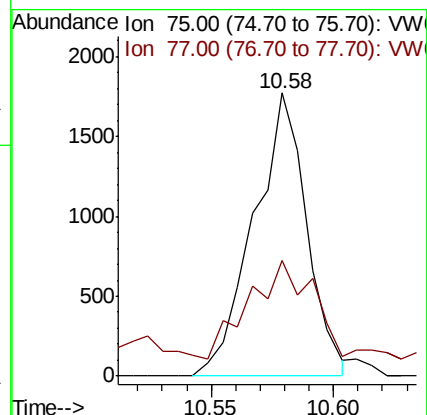
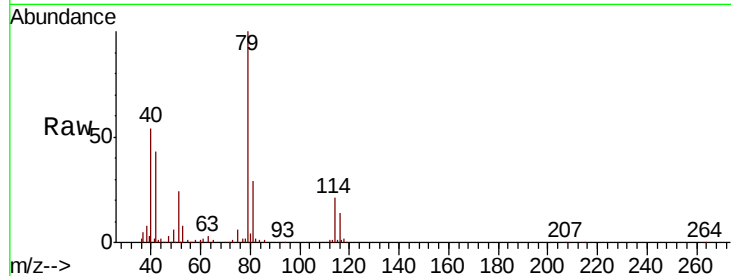
BF0F0

Tgt Ion: 75 Resp: 2660

Ion Ratio Lower Upper

75 100

77 40.9 22.5 41.7



#49

2-Hexanone

Concen: 4.600 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009354.D

Acq: 22 Mar 2019 17:48

Tgt Ion: 43 Resp: 11425

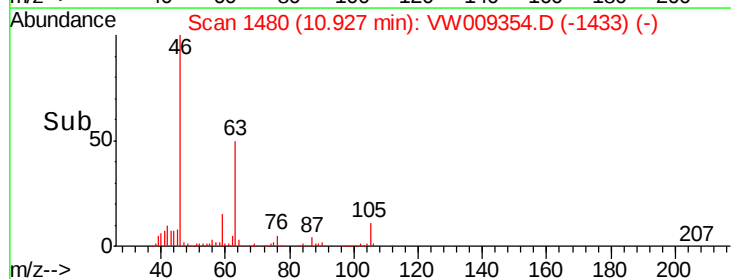
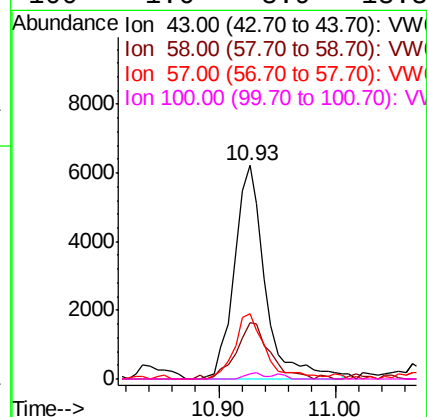
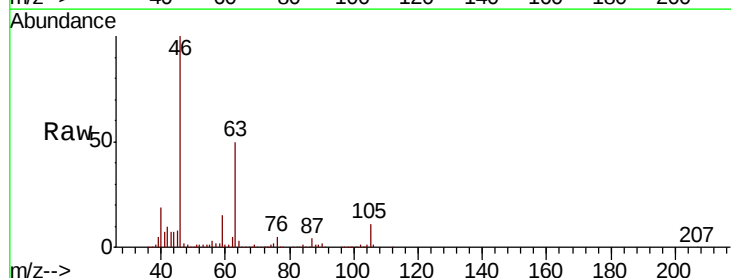
Ion Ratio Lower Upper

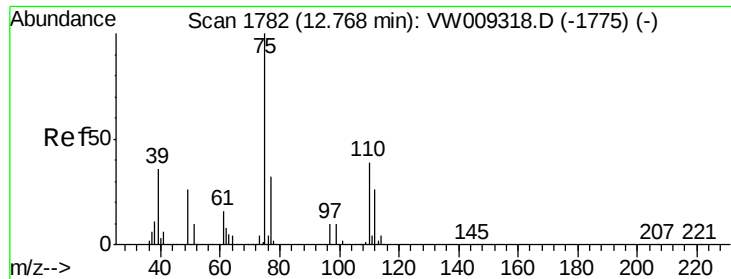
43 100

58 28.1 39.2 58.8#

57 28.4 14.2 21.2#

100 1.6 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 4.703 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009354.D

Acq: 22 Mar 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

BF0F0

Tgt Ion: 75 Resp: 14619

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.2

