

Data File : VW009682.D
Acq On : 04 Apr 2019 03:38
Operator : SY/VA
Sample : K2188-04
Misc : 4.54G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF660

Quant Time: Apr 04 04:17:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	519168	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	481538	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216736	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	184566	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.68%
7) Chloroethane-d5	2.89	69	157501	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.20%
10) 1,1-Dichloroethene-d2	4.01	63	295241	20.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.84%
20) 2-Butanone-d5	7.07	46	97010	43.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.96%
24) Chloroform-d	7.65	84	353715	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.31	65	217566	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.27	84	700703	27.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.88%
33) 1,2-Dichloropropane-d6	9.27	67	208705	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.92%
37) Toluene-d8	10.32	98	637884	27.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.16%
38) trans-1,3-Dichloropropene-	10.58	79	88932	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.52%
39) 2-Hexanone-d5	10.93	63	67593	45.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156598	21.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	206724	27.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.72%

Target Compounds

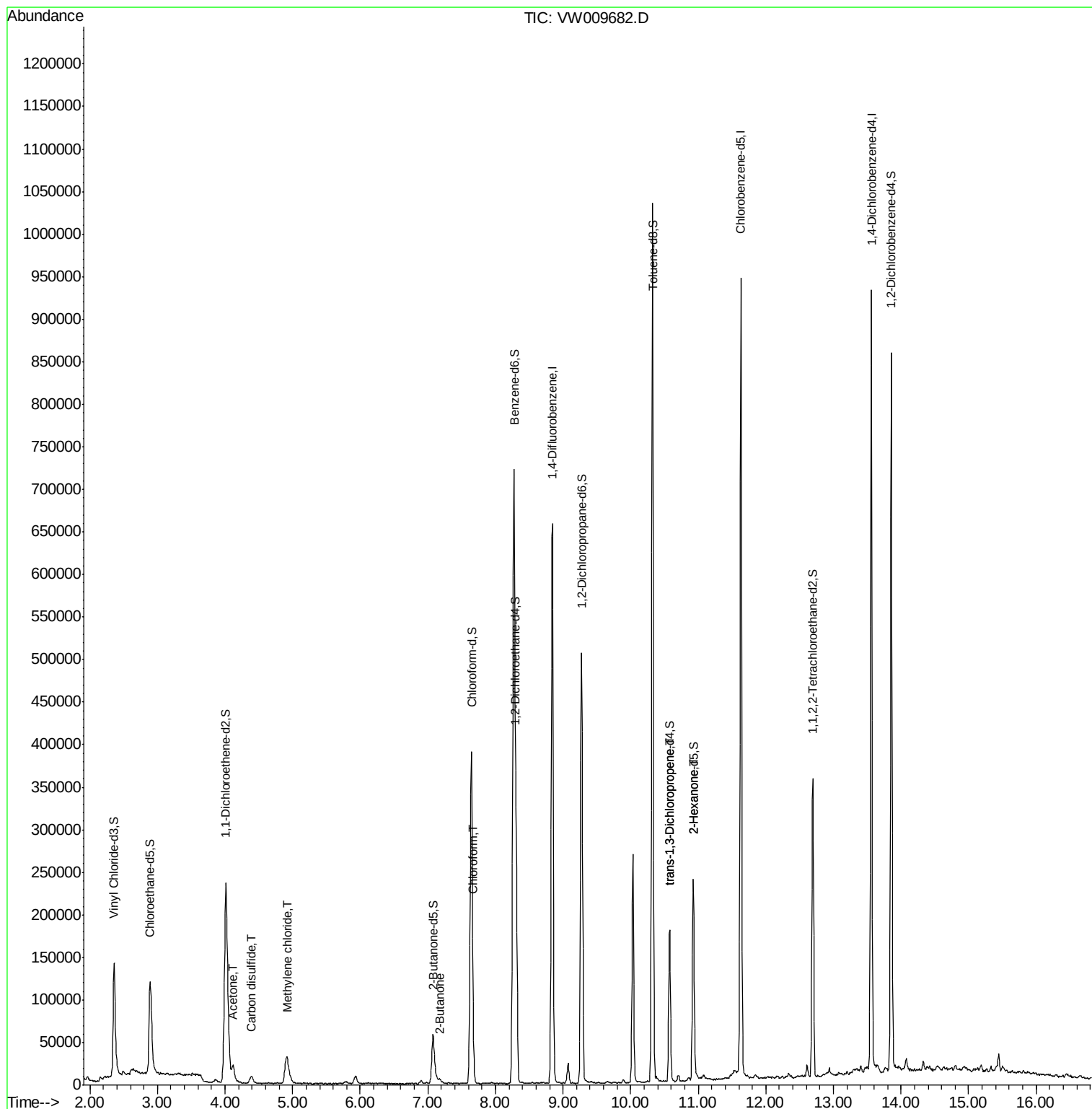
						Qvalue
13) Acetone	4.12	43	29465	12.467	ug/L	94
14) Carbon disulfide	4.38	76	7282	0.340	ug/L	95
16) Methylene chloride	4.91	84	17084	1.866	ug/L	96
21) 2-Butanone	7.18	43	6683	2.223	ug/L	80
25) Chloroform	7.67	83	7320	0.508	ug/L #	25
45) trans-1,3-Dichloropropene	10.58	75	4968	0.502	ug/L	92
49) 2-Hexanone	10.92	43	12024	2.803	ug/L #	77

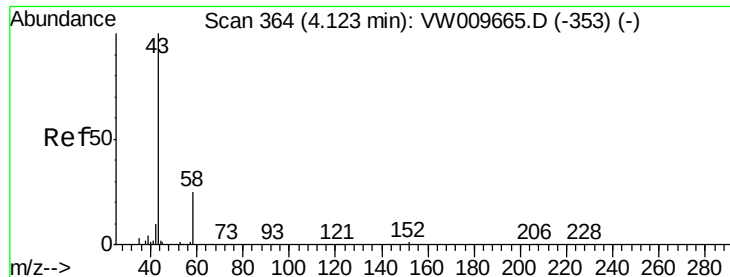
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009682.D
Acq On : 04 Apr 2019 03:38
Operator : SY/VA
Sample : K2188-04
Misc : 4.54G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF660

Quant Time: Apr 04 04:17:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 12.467 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009682.D

Acq: 04 Apr 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

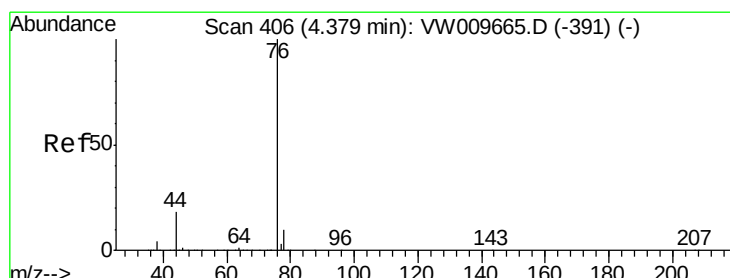
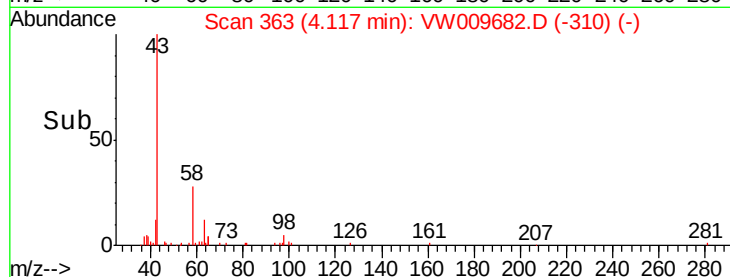
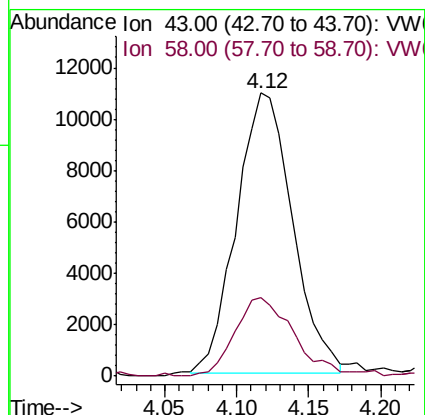
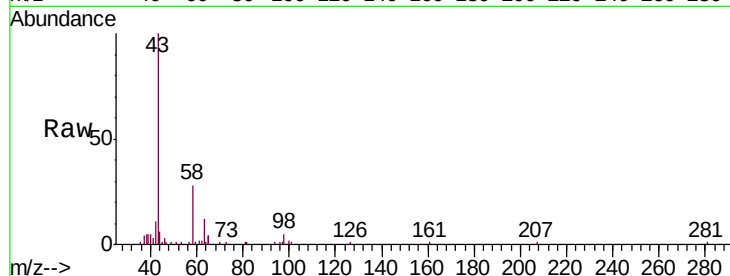
BF660

Tgt Ion: 43 Resp: 29465

Ion Ratio Lower Upper

43 100

58 29.4 0.0 53.0



#14

Carbon disulfide

Concen: 0.340 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009682.D

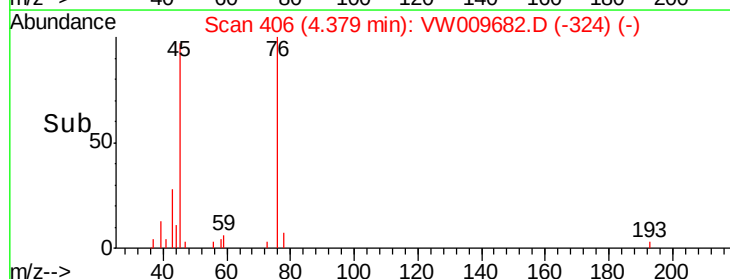
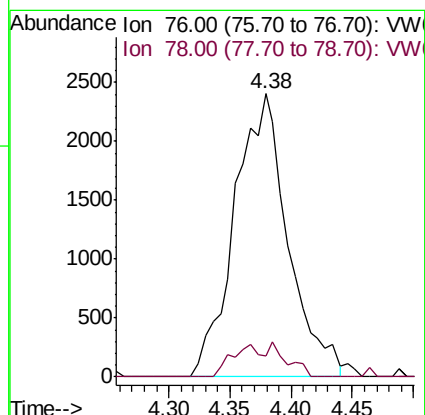
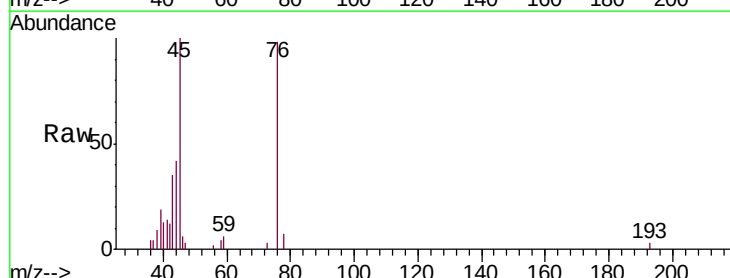
Acq: 04 Apr 2019 03:38

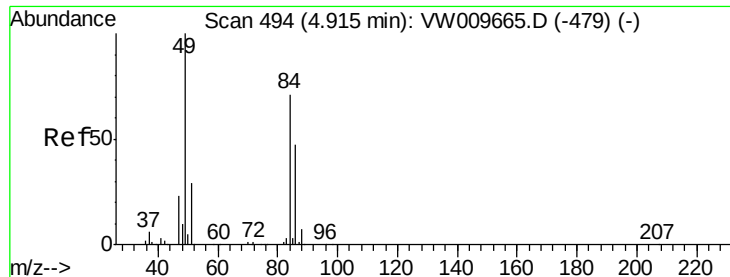
Tgt Ion: 76 Resp: 7282

Ion Ratio Lower Upper

76 100

78 7.4 7.3 10.9

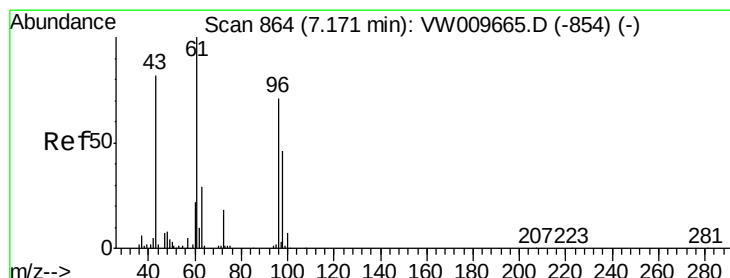
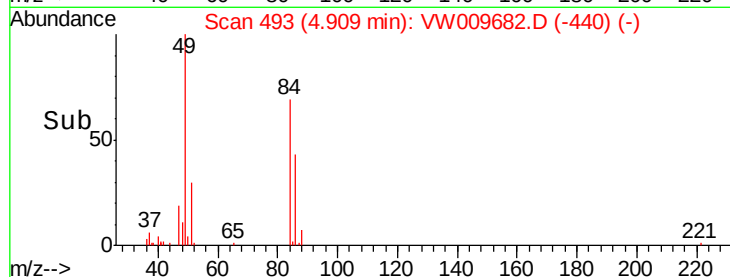
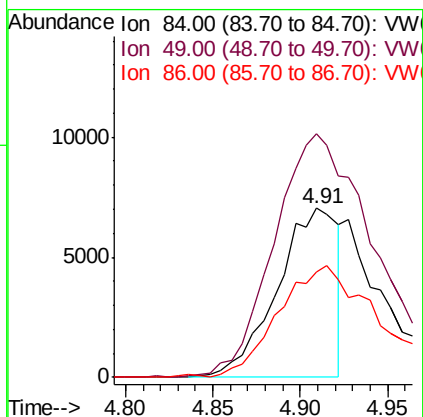
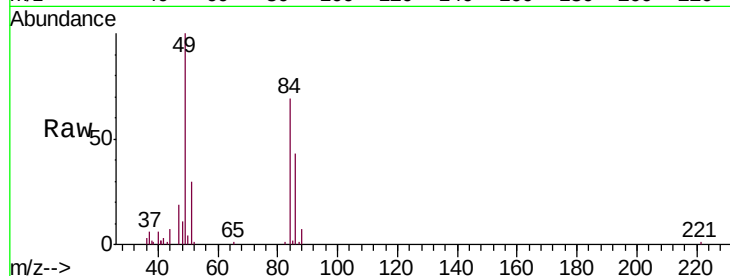




#16
Methylene chloride
Concen: 1.866 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009682.D
Acq: 04 Apr 2019 03:38

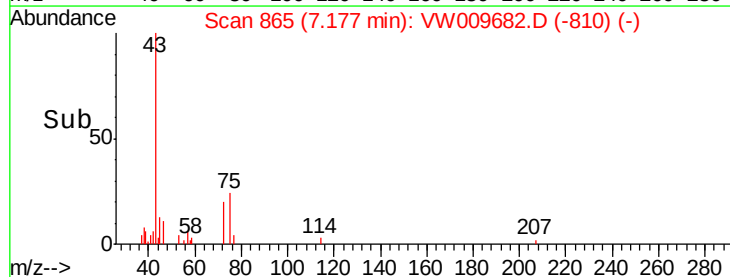
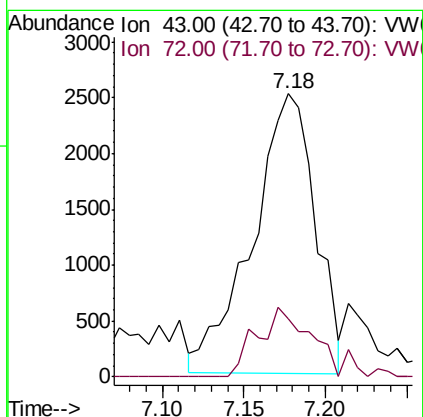
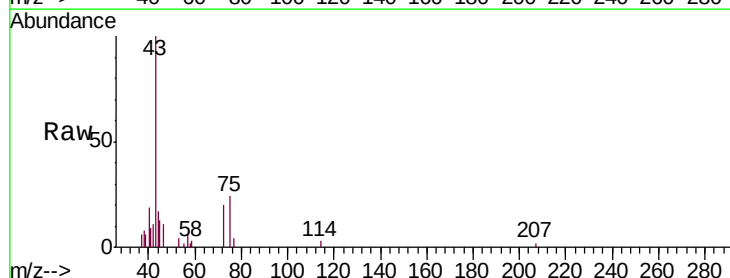
Instrument :
MSVOA_W
ClientSampleId :
BF660

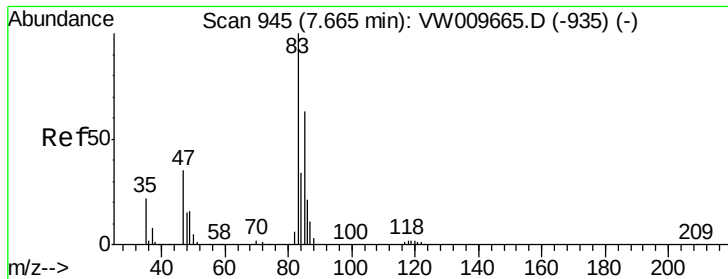
Tgt Ion: 84 Resp: 17084
Ion Ratio Lower Upper
84 100
49 144.1 98.3 182.5
86 62.5 46.4 86.2



#21
2-Butanone
Concen: 2.223 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009682.D
Acq: 04 Apr 2019 03:38

Tgt Ion: 43 Resp: 6683
Ion Ratio Lower Upper
43 100
72 14.1 12.0 36.1

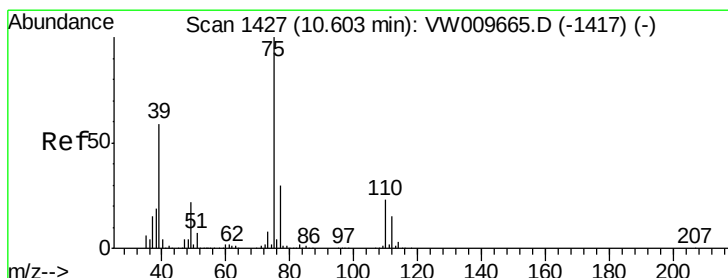
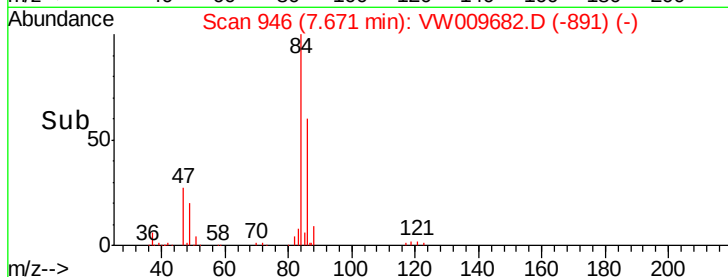
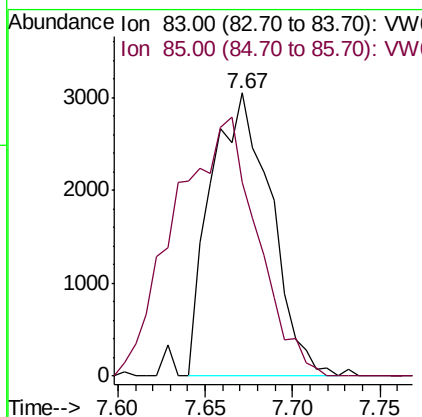
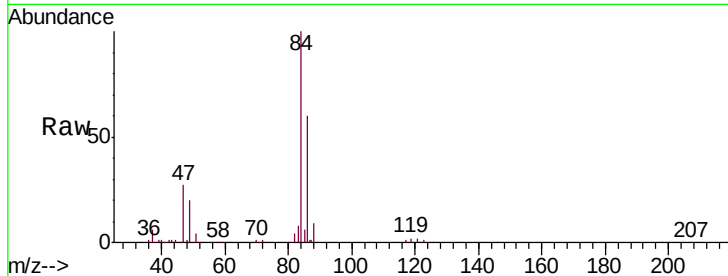




#25
Chloroform
Concen: 0.508 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.01 min
Lab File: VW009682.D
Acq: 04 Apr 2019 03:38

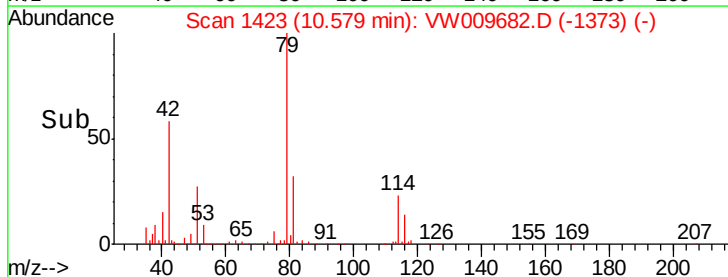
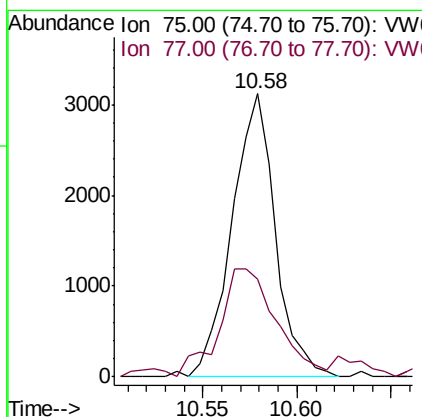
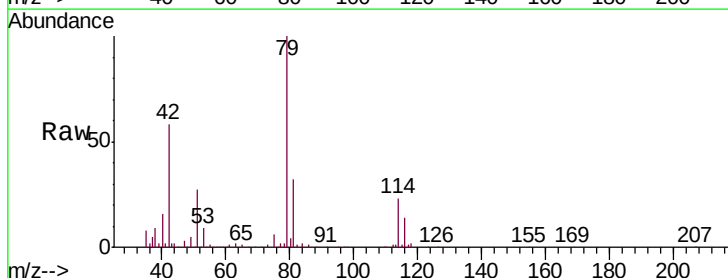
Instrument :
MSVOA_W
ClientSampleId :
BF660

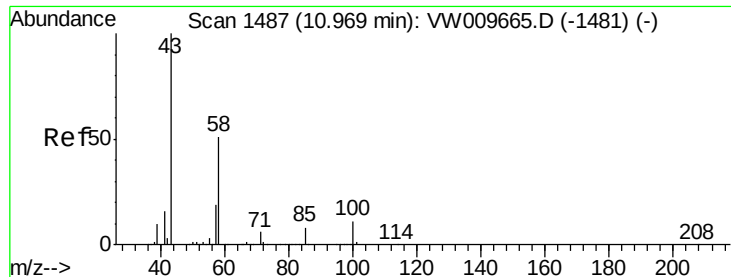
Tgt Ion: 83 Resp: 7320
Ion Ratio Lower Upper
83 100
85 124.3 45.6 84.8#



#45
trans-1,3-Dichloropropene
Concen: 0.502 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009682.D
Acq: 04 Apr 2019 03:38

Tgt Ion: 75 Resp: 4968
Ion Ratio Lower Upper
75 100
77 34.3 21.1 39.3





#49

2-Hexanone

Concen: 2.803 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW009682.D

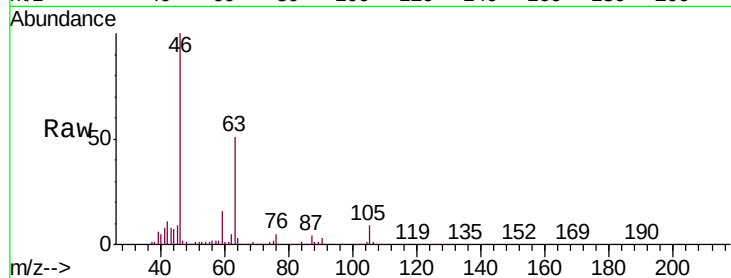
Acq: 04 Apr 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

BF660



Tgt Ion: 43 Resp: 12024

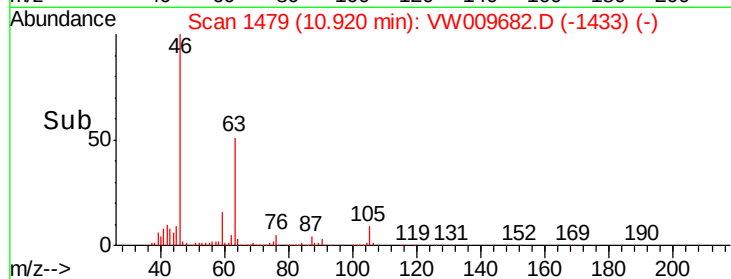
Ion Ratio Lower Upper

43 100

58 32.2 38.9 58.3#

57 24.9 13.8 20.6#

100 0.4 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

