

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009586.D
 Acq On : 30 Mar 2019 13:20
 Operator : SY/VA
 Sample : K2128-20
 Misc : 5.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF100

Quant Time: Mar 30 21:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430615	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408963	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174453	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140187	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.96%
7) Chloroethane-d5	2.89	69	137782	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
10) 1,1-Dichloroethene-d2	4.01	63	212767	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.52%
20) 2-Butanone-d5	7.07	46	86954	40.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.72%
24) Chloroform-d	7.64	84	315036	26.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.24%
26) 1,2-Dichloroethane-d4	8.30	65	179503	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	581453	25.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.12%
33) 1,2-Dichloropropane-d6	9.27	67	179849	26.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.20%
37) Toluene-d8	10.32	98	506932	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.24%
38) trans-1,3-Dichloropropene-	10.58	79	69754	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.00%
39) 2-Hexanone-d5	10.93	63	62340	38.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146570	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	182348	27.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.04%

Target Compounds

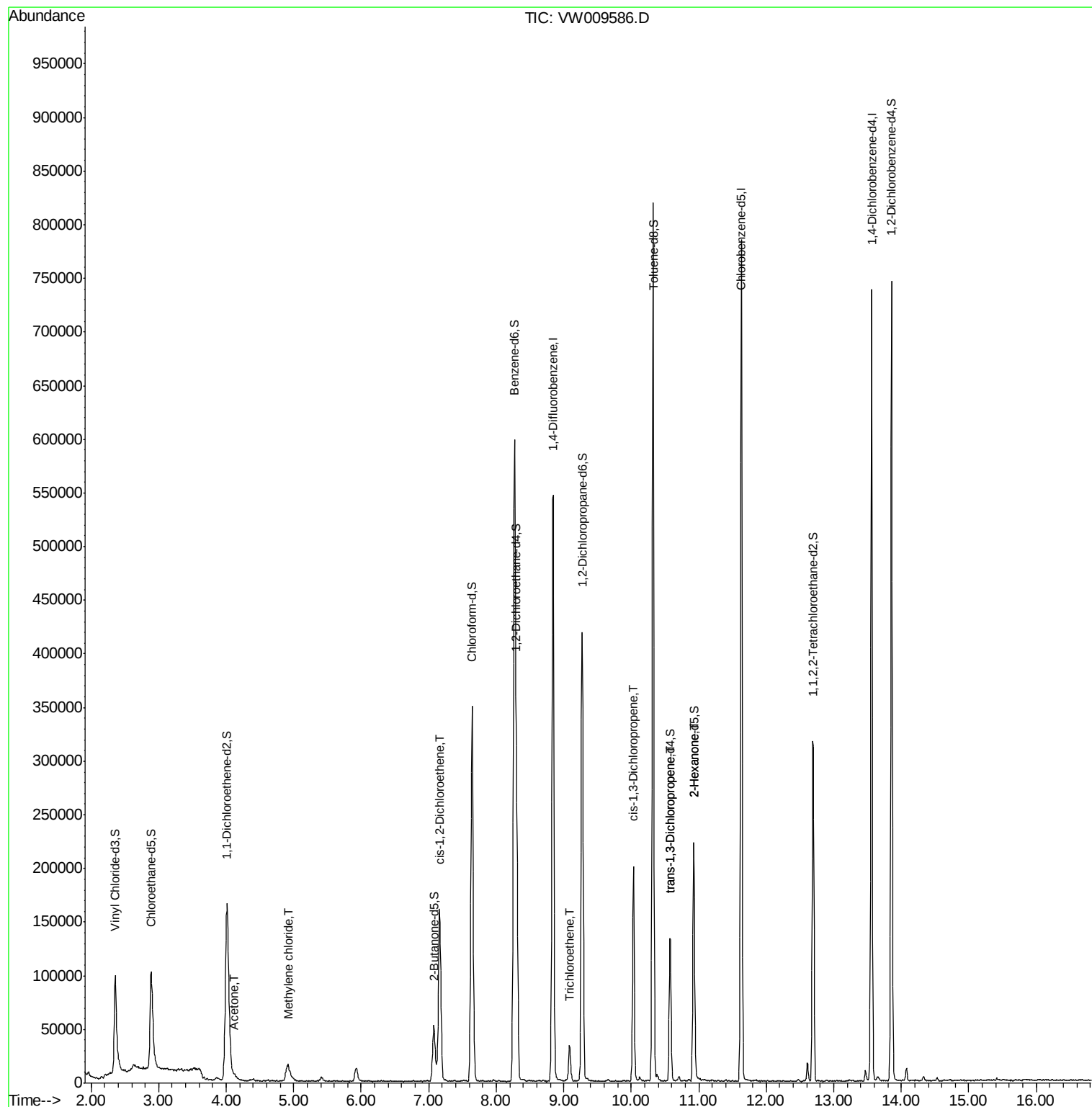
					Qvalue
13) Acetone	4.12	43	3777	2.164 ug/L	50
16) Methylene chloride	4.91	84	13607	2.167 ug/L	84
22) cis-1,2-Dichloroethene	7.17	96	85594	14.173 ug/L	99
35) Trichloroethene	9.09	95	9958	1.670 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	5803	0.620 ug/L #	73
45) trans-1,3-Dichloropropene	10.57	75	4088	0.502 ug/L	93
49) 2-Hexanone	10.92	43	10821	2.952 ug/L #	76

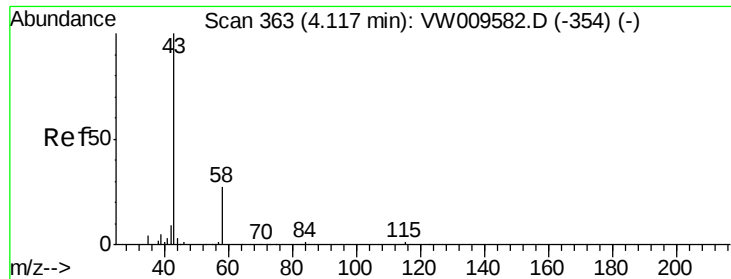
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.164 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009586.D

Acq: 30 Mar 2019 13:20

Instrument :

MSVOA_W

ClientSampleId :

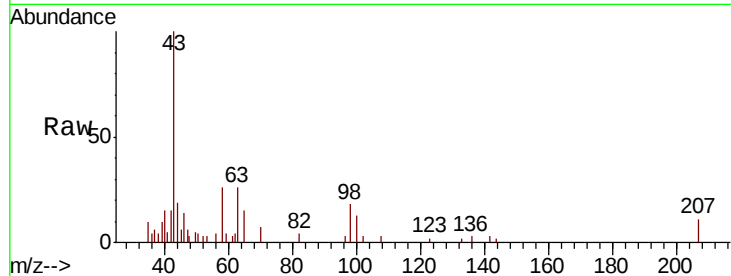
BF100

Tgt Ion: 43 Resp: 3777

Ion Ratio Lower Upper

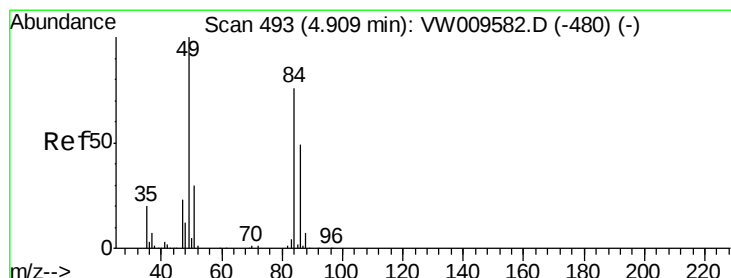
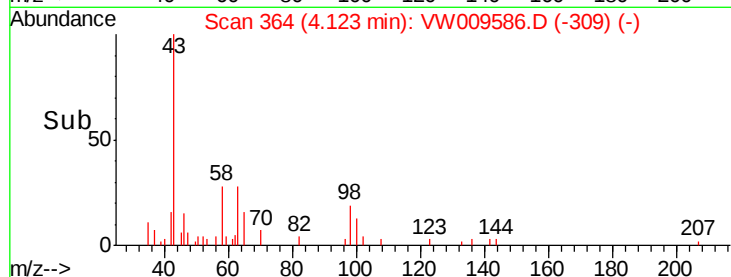
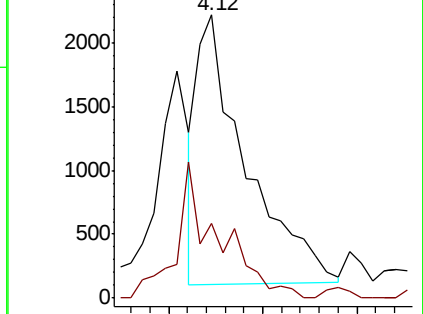
43 100

58 1.6 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.167 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW009586.D

Acq: 30 Mar 2019 13:20

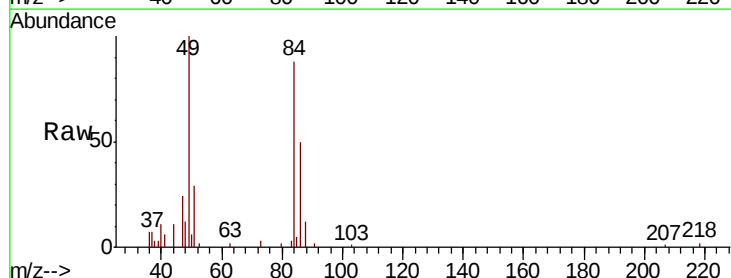
Tgt Ion: 84 Resp: 13607

Ion Ratio Lower Upper

84 100

49 113.3 96.0 178.2

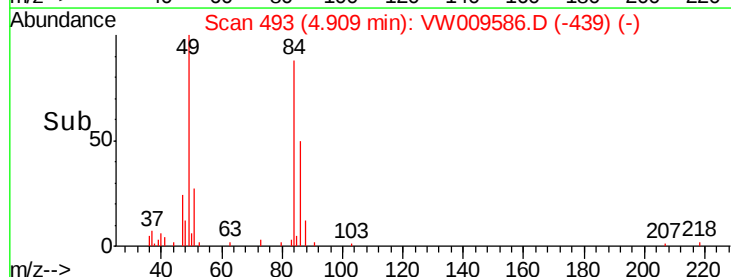
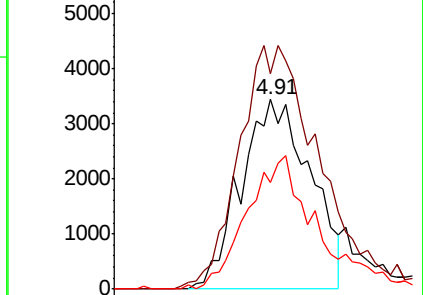
86 56.5 44.4 82.5

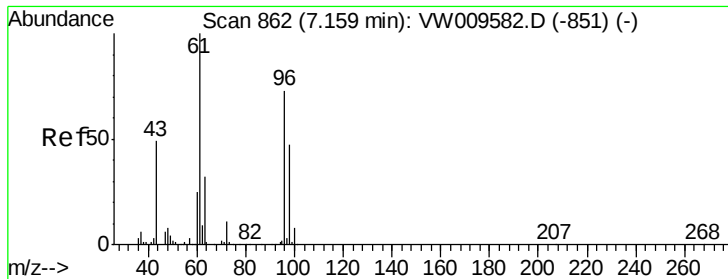


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



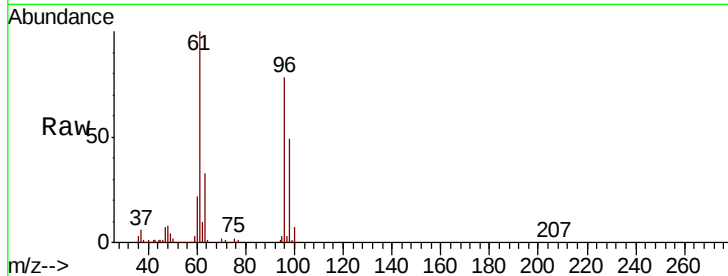


#22

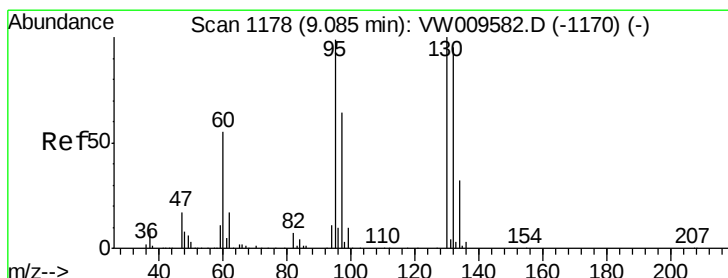
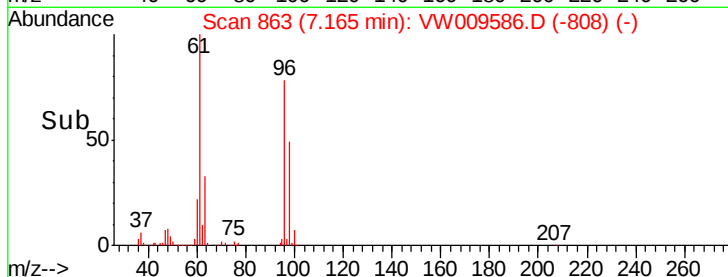
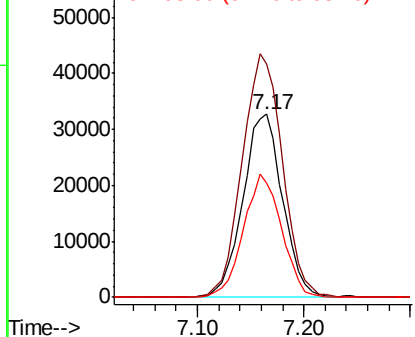
cis-1,2-Dichloroethene
 Concen: 14.173 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009586.D
 Acq: 30 Mar 2019 13:20

Instrument :
 MSVOA_W
 ClientSampleId :
 BF100

Tgt Ion: 96 Resp: 85594
 Ion Ratio Lower Upper
 96 100
 61 127.6 90.6 168.3
 98 62.3 44.0 81.8



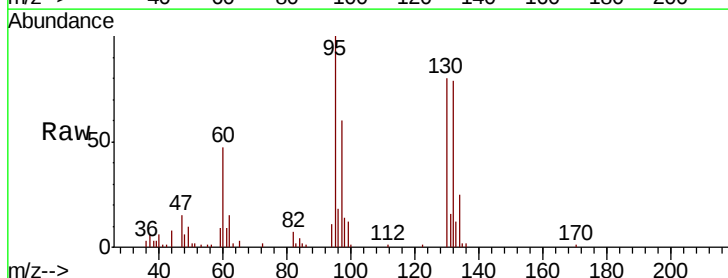
Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW



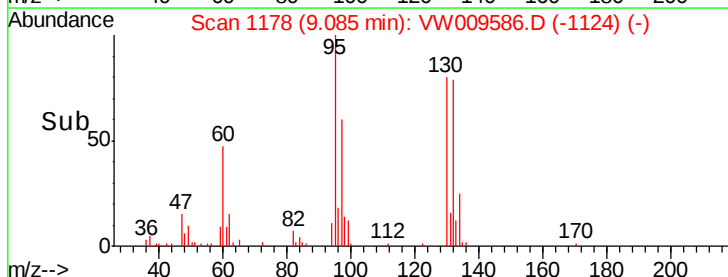
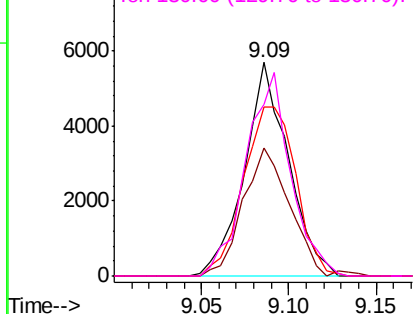
#35

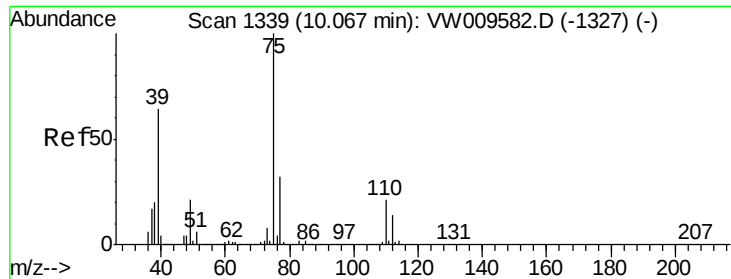
Trichloroethene
 Concen: 1.670 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009586.D
 Acq: 30 Mar 2019 13:20

Tgt Ion: 95 Resp: 9958
 Ion Ratio Lower Upper
 95 100
 97 63.0 44.7 82.9
 132 94.1 69.0 128.2
 130 97.2 72.7 134.9



Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

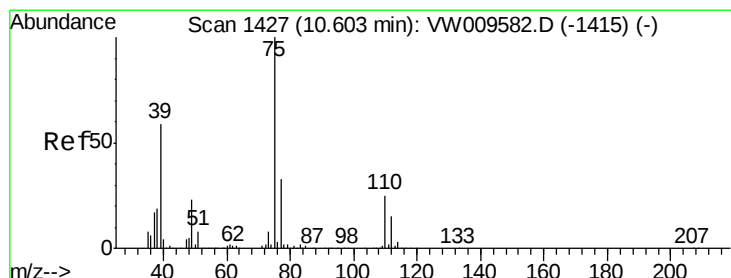
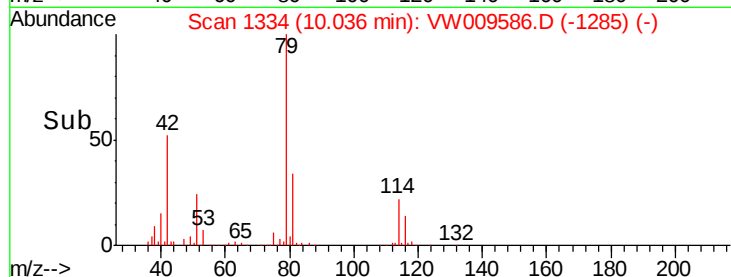
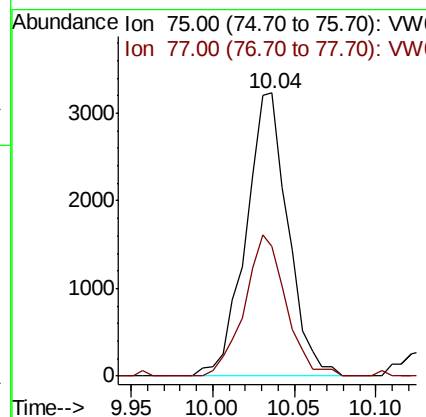
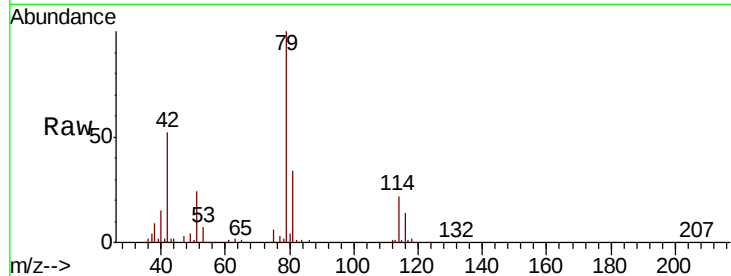




#42
 cis-1,3-Dichloropropene
 Concen: 0.620 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: VW009586.D
 Acq: 30 Mar 2019 13:20

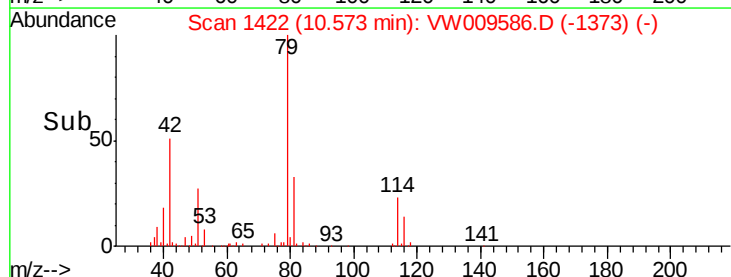
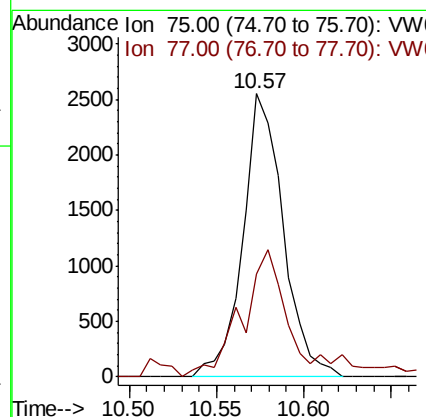
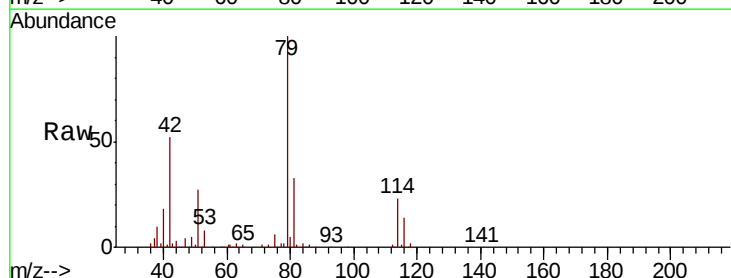
Instrument :
 MSVOA_W
 ClientSampled :
 BF100

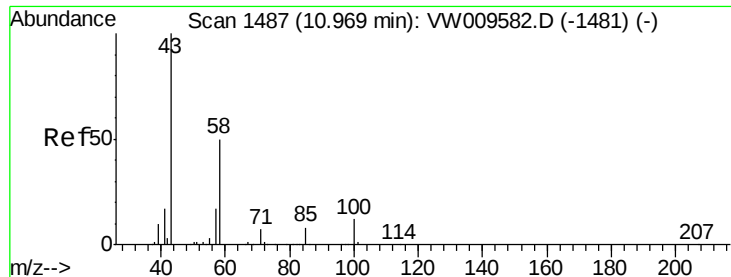
Tgt Ion: 75 Resp: 5803
 Ion Ratio Lower Upper
 75 100
 77 45.7 21.6 40.2#



#45
 trans-1,3-Dichloropropene
 Concen: 0.502 ug/L
 RT: 10.57 min Scan# 1422
 Delta R.T. -0.03 min
 Lab File: VW009586.D
 Acq: 30 Mar 2019 13:20

Tgt Ion: 75 Resp: 4088
 Ion Ratio Lower Upper
 75 100
 77 36.1 22.5 41.7





#49

2-Hexanone

Concen: 2.952 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW009586.D

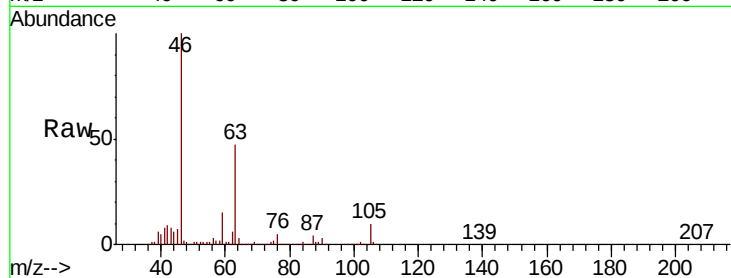
Acq: 30 Mar 2019 13:20

Instrument :

MSVOA_W

ClientSampleId :

BF100



Tgt Ion: 43 Resp: 10821

Ion Ratio Lower Upper

43 100

58 33.4 39.2 58.8#

57 30.5 14.2 21.2#

100 1.8 8.9 13.3#

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

