

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009365.D
 Acq On : 23 Mar 2019 01:10
 Operator : SY/VA
 Sample : K2031-05
 Misc : 6.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W0

Quant Time: Mar 23 01:37:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	267105	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257924	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60829	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.24%
7) Chloroethane-d5	2.89	69	61313	16.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.68%
10) 1,1-Dichloroethene-d2	4.01	63	95536	13.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.40%
20) 2-Butanone-d5	7.08	46	65171	49.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.74%
24) Chloroform-d	7.65	84	156216	21.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	8.31	65	103616	23.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.40%
29) Benzene-d6	8.27	84	274162	19.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.08%
33) 1,2-Dichloropropane-d6	9.27	67	92541	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.64%
37) Toluene-d8	10.32	98	233692	17.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.08%
38) trans-1,3-Dichloropropene-	10.57	79	30371	14.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.60%
39) 2-Hexanone-d5	10.93	63	43968	42.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92760	22.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	86073	21.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.60%

Target Compounds

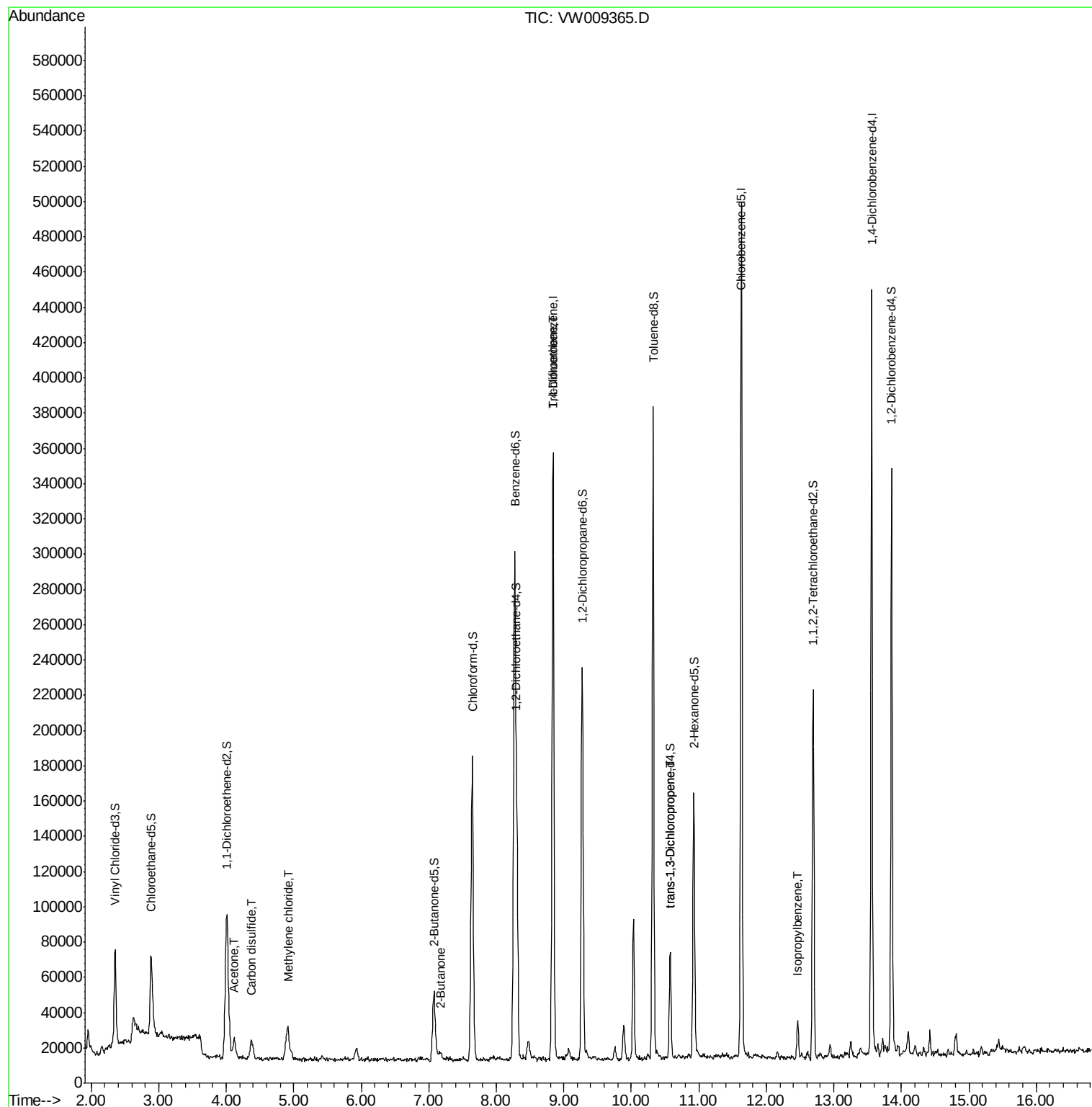
					Qvalue
13) Acetone	4.12	43	18089	16.710 ug/L	94
14) Carbon disulfide	4.37	76	19949	2.254 ug/L #	94
16) Methylene chloride	4.91	84	14529	3.730 ug/L	93
21) 2-Butanone	7.17	43	3157	2.112 ug/L #	72
35) Trichloroethene	8.84	95	8851	2.353 ug/L #	4
45) trans-1,3-Dichloropropene	10.58	75	1706	0.332 ug/L #	77
57) Isopropylbenzene	12.46	105	11544	0.670 ug/L	95

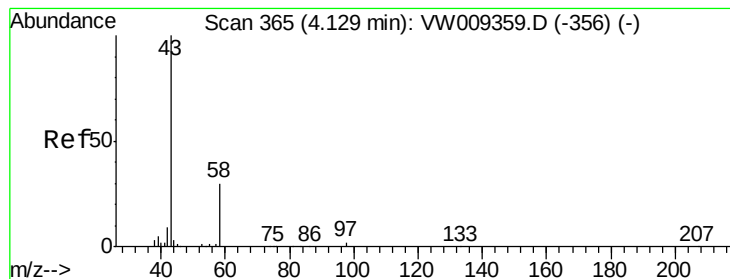
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 16.710 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 23 Mar 2019 01:10

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MSVOA_W

ClientSampleId :

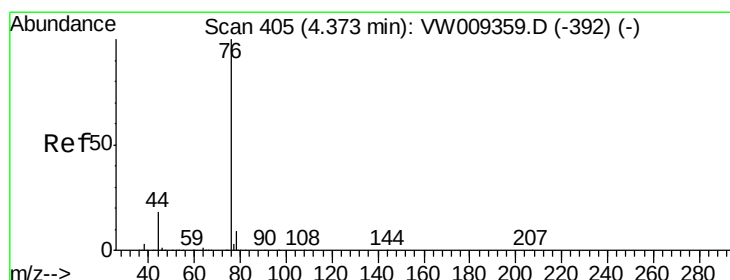
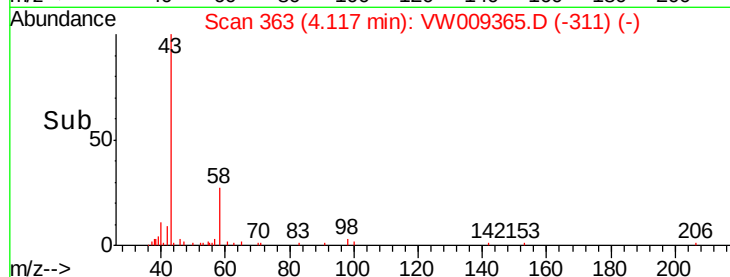
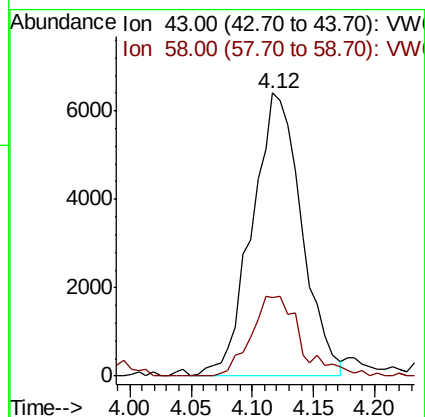
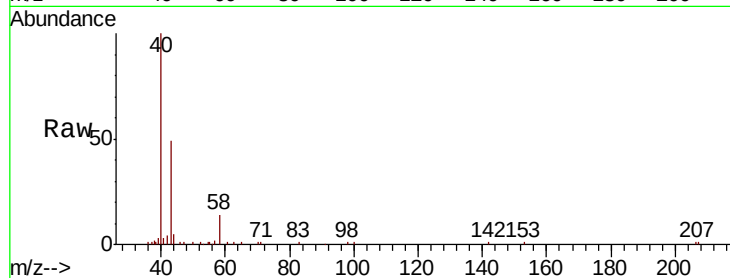
BF5W0

Tgt Ion: 43 Resp: 18089

Ion Ratio Lower Upper

43 100

58 25.0 0.0 56.2



#14

Carbon disulfide

Concen: 2.254 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009365.D

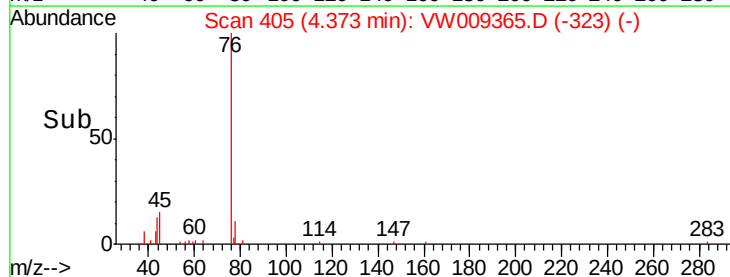
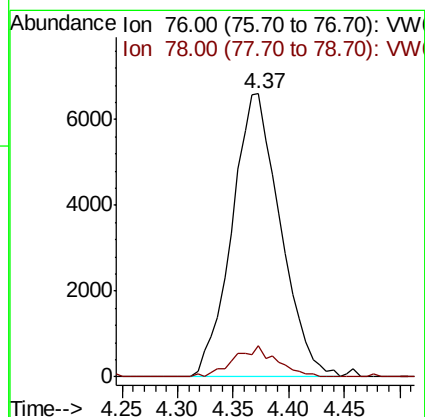
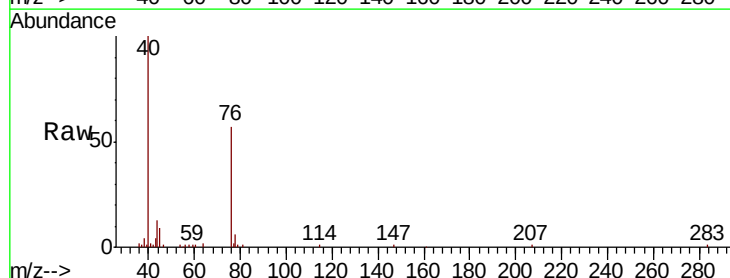
Acq: 23 Mar 2019 01:10

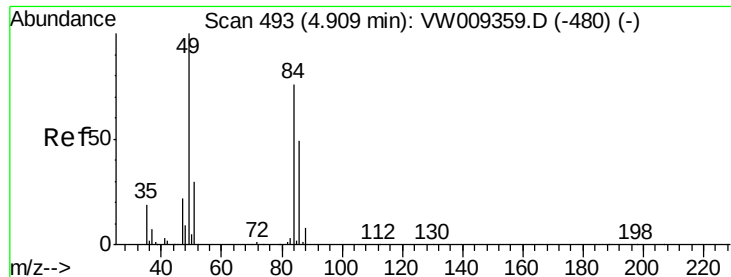
Tgt Ion: 76 Resp: 19949

Ion Ratio Lower Upper

76 100

78 11.2 7.3 10.9#

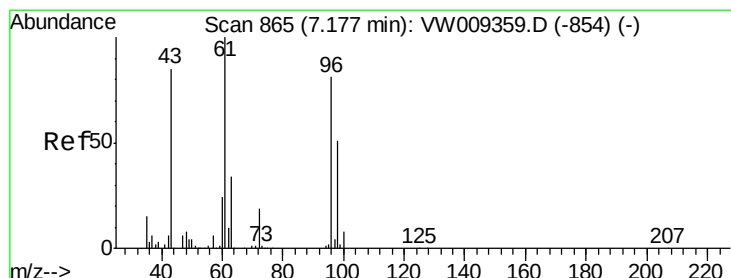
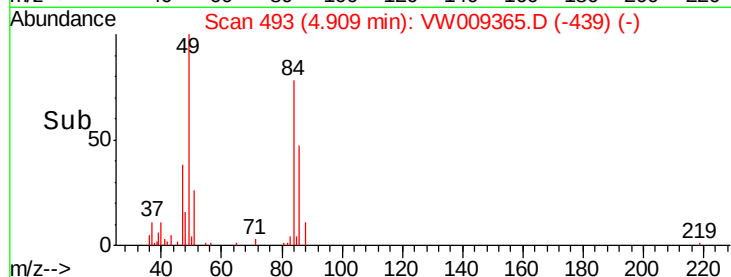
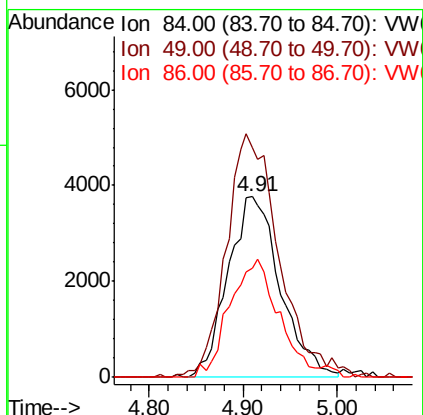
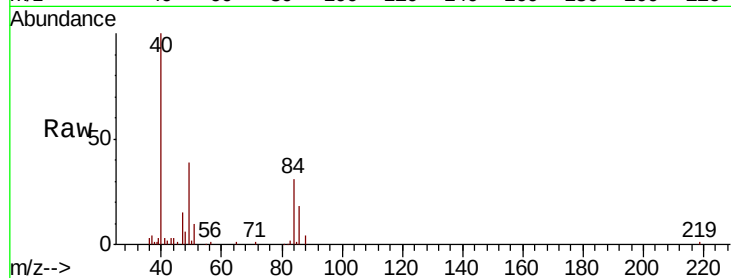




#16
Methylene chloride
Concen: 3.730 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009365.D
Acq: 23 Mar 2019 01:10

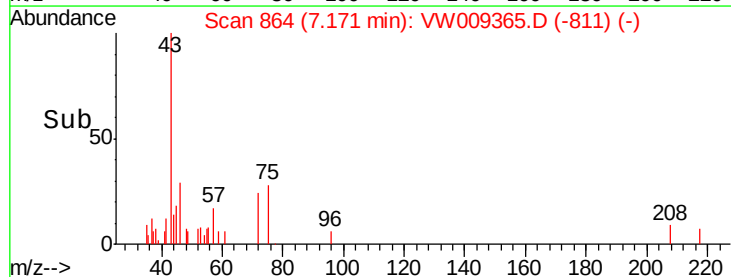
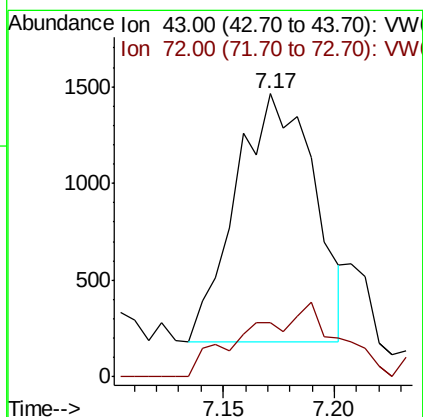
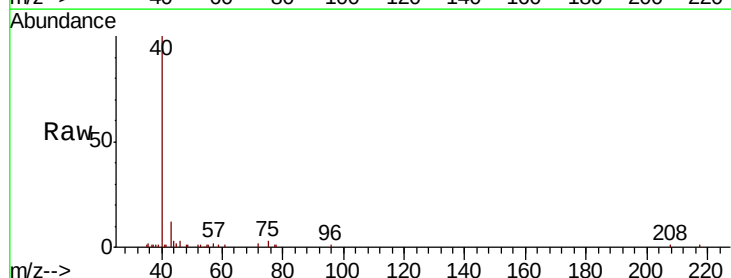
Instrument :
MSVOA_W
ClientSampleId :
BF5W0

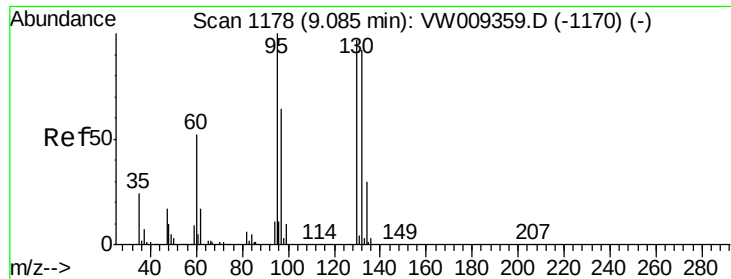
Tgt Ion: 84 Resp: 14529
Ion Ratio Lower Upper
84 100
49 127.5 96.0 178.2
86 60.4 44.4 82.5



#21
2-Butanone
Concen: 2.112 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW009365.D
Acq: 23 Mar 2019 01:10

Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
72 11.8 13.1 39.1#





#35

Trichloroethene

Concen: 2.353 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW009365.D

Acq: 23 Mar 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

BF5W0

Tgt Ion: 95 Resp: 8851

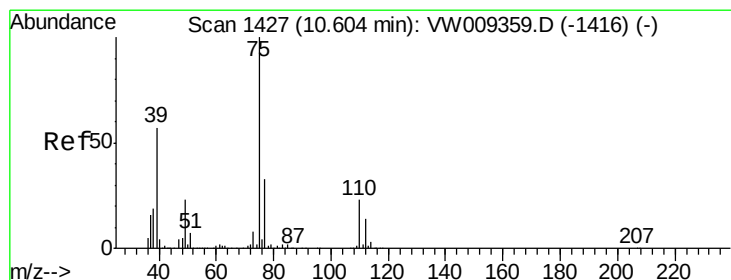
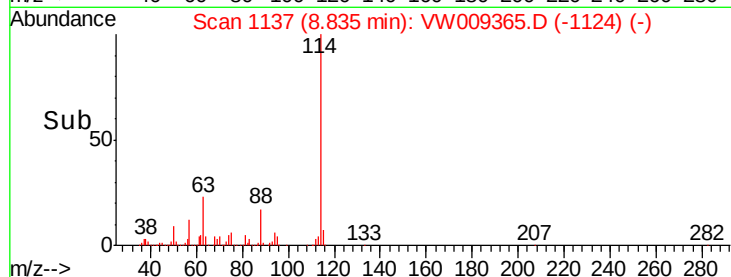
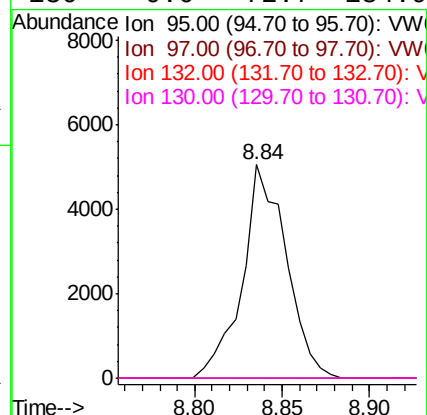
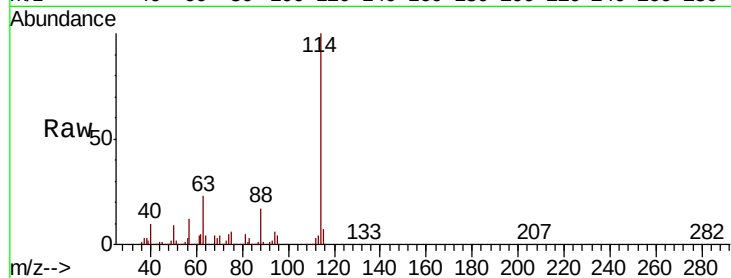
Ion Ratio Lower Upper

95 100

97 0.5 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#



#45

trans-1,3-Dichloropropene

Concen: 0.332 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009365.D

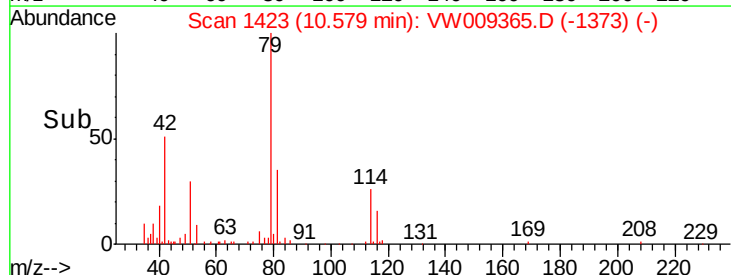
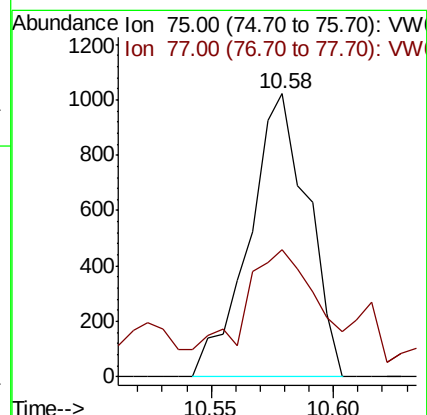
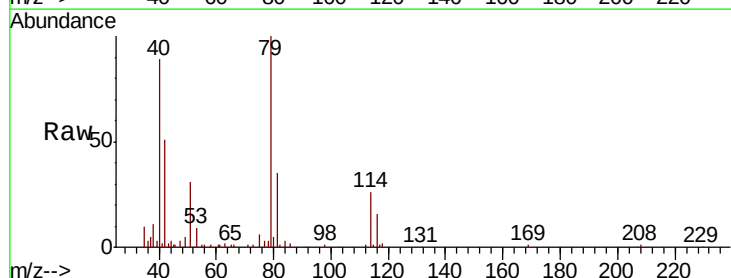
Acq: 23 Mar 2019 01:10

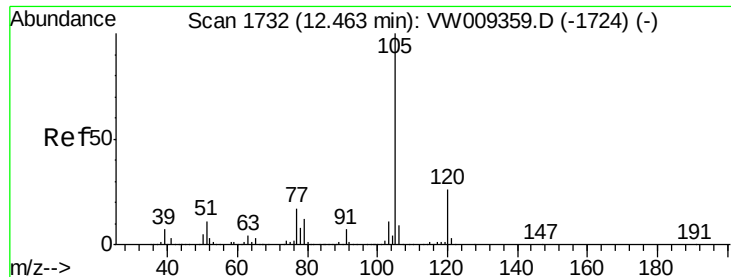
Tgt Ion: 75 Resp: 1706

Ion Ratio Lower Upper

75 100

77 44.9 22.5 41.7#





#57

Isopropylbenzene

Concen: 0.670 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW009365.D

Acq: 23 Mar 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

BF5W0

Tgt Ion:105 Resp: 11544

Ion Ratio Lower Upper

105 100

120 25.1 21.3 31.9

77 19.5 13.1 19.7

