

Data File : VW009876.D
Acq On : 10 Apr 2019 11:28
Operator : SY/VA
Sample : K2327-20
Misc : 6.91G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF2N2

Quant Time: Apr 10 12:14:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 08:15:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	468952	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	450488	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189039	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116097	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
7) Chloroethane-d5	2.89	69	106209	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.56%
10) 1,1-Dichloroethene-d2	4.02	63	218458	16.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.20%
20) 2-Butanone-d5	7.08	46	92795	46.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.14%
24) Chloroform-d	7.65	84	311597	24.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	8.31	65	194970	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.28%
29) Benzene-d6	8.27	84	552352	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	9.27	67	177492	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	10.32	98	476131	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.12%
38) trans-1,3-Dichloropropene-	10.58	79	71380	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.96%
39) 2-Hexanone-d5	10.93	63	58659	42.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	157878	23.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	168635	25.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.68%

Target Compounds

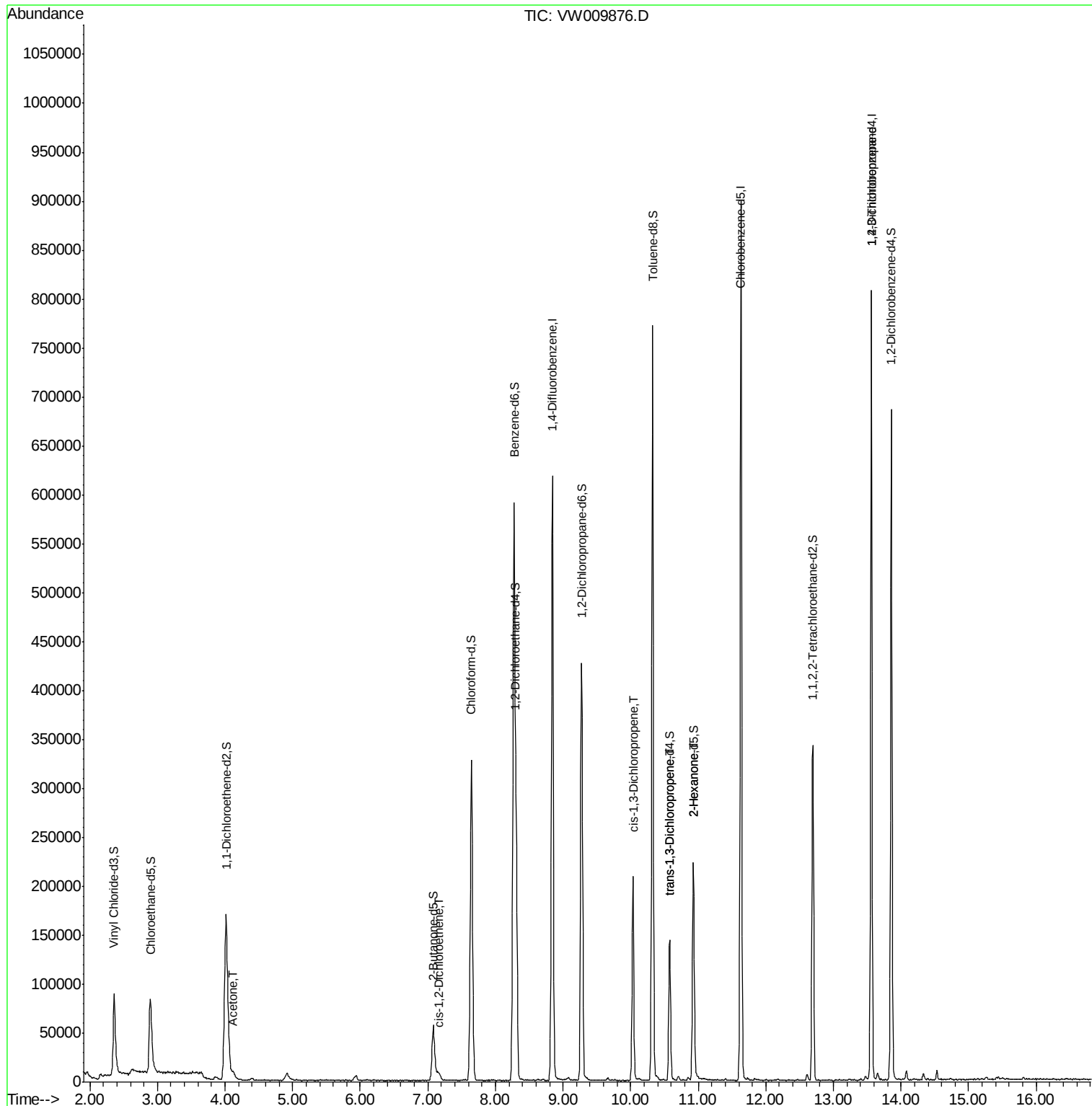
					Qvalue
13) Acetone	4.12	43	9549	4.473 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	2274	0.328 ug/L #	67
42) cis-1,3-Dichloropropene	10.03	75	5681	0.529 ug/L #	67
45) trans-1,3-Dichloropropene	10.57	75	3712	0.401 ug/L	93
49) 2-Hexanone	10.93	43	12152	3.028 ug/L #	78
59) 1,2,3-Trichloropropane	13.56	75	25654	4.921 ug/L	92

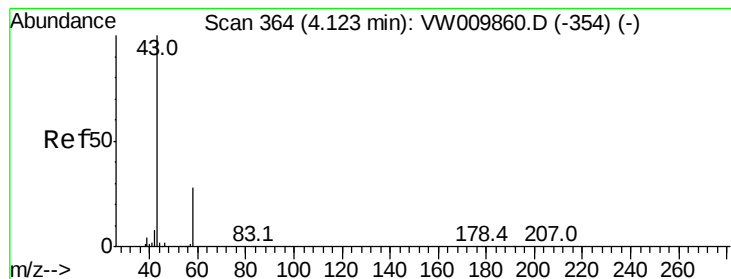
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.473 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 10 Apr 2019 11:28

Instrument :

MSVOA_W

ClientSampled :

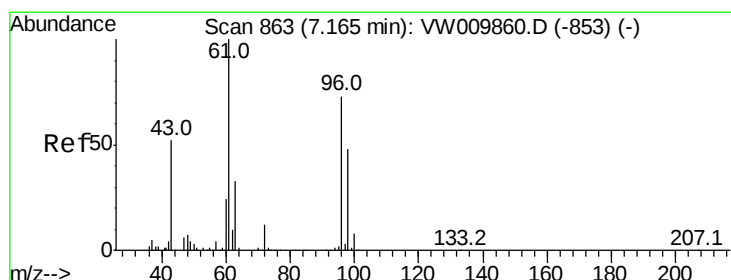
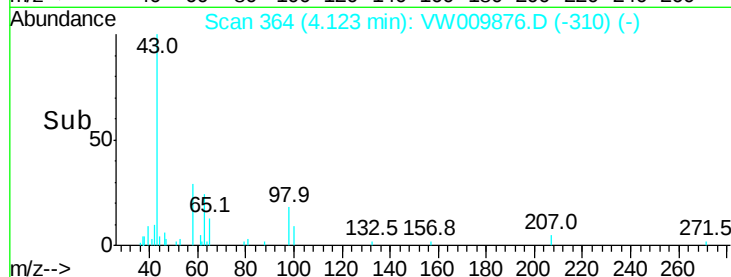
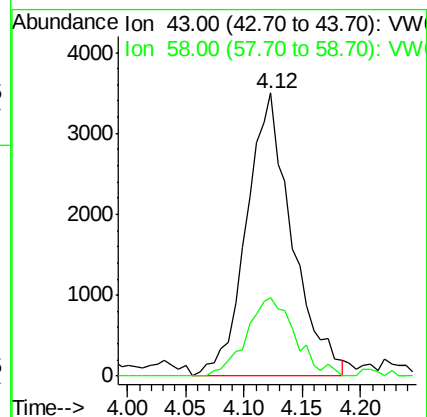
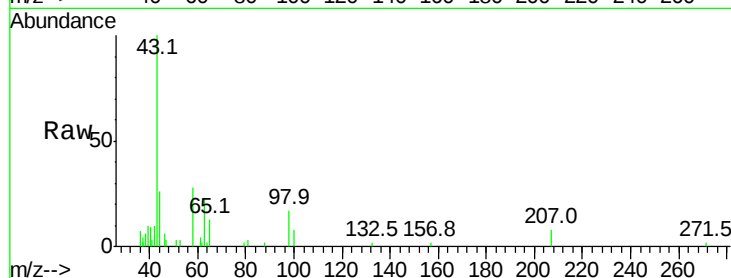
BF2N2

Tgt Ion: 43 Resp: 9549

Ion Ratio Lower Upper

43 100

58 28.3 0.0 53.0



#22

cis-1,2-Dichloroethene

Concen: 0.328 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009876.D

Acq: 10 Apr 2019 11:28

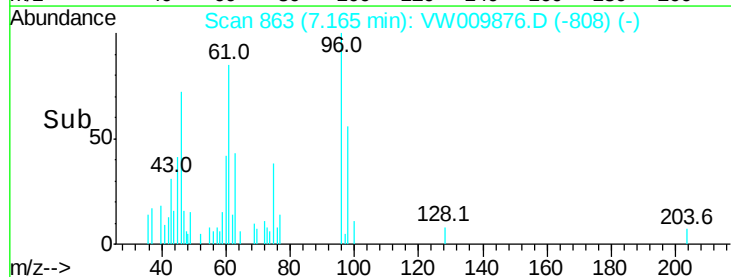
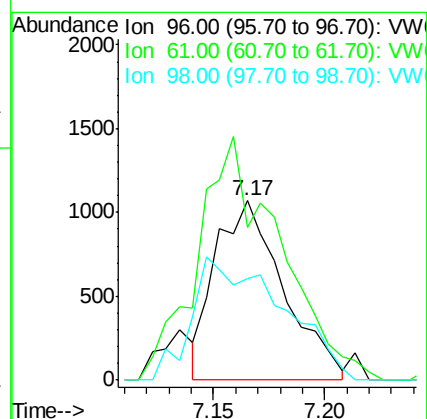
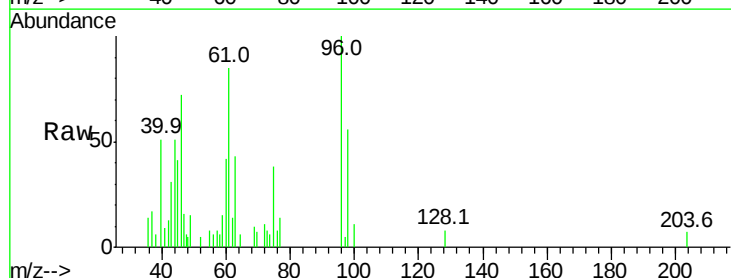
Tgt Ion: 96 Resp: 2274

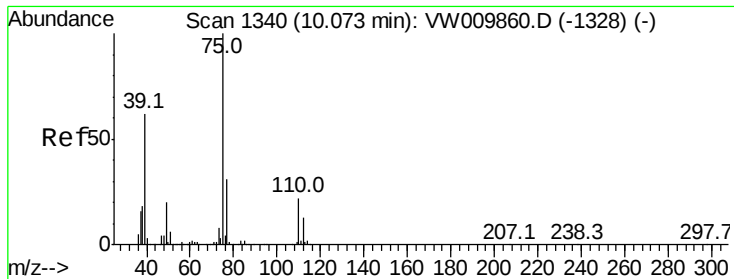
Ion Ratio Lower Upper

96 100

61 85.2 96.8 179.8#

98 56.4 43.5 80.9





#42

cis-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009876.D

Acq: 10 Apr 2019 11:28

Instrument :

MSVOA_W

ClientSampled :

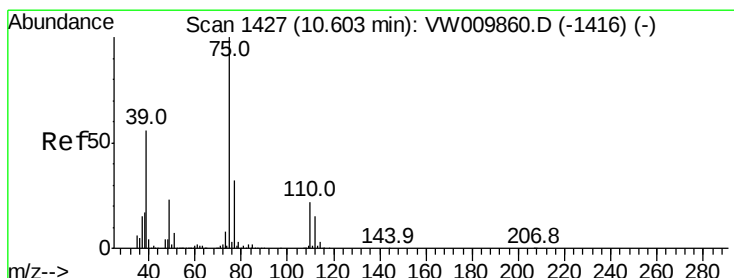
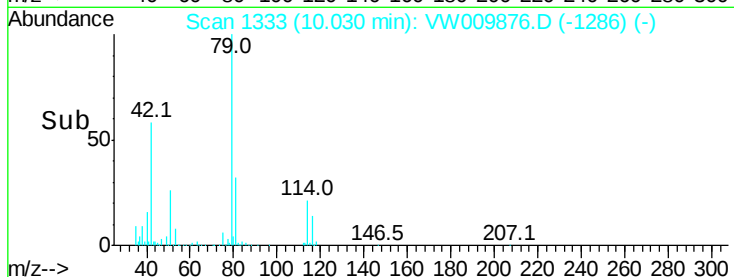
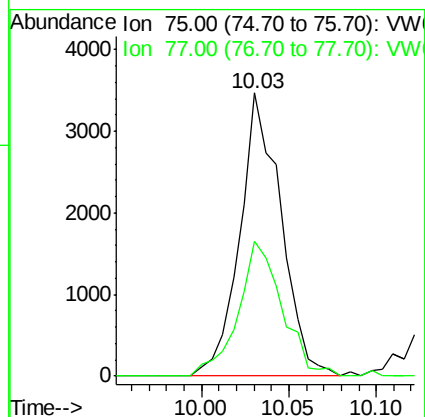
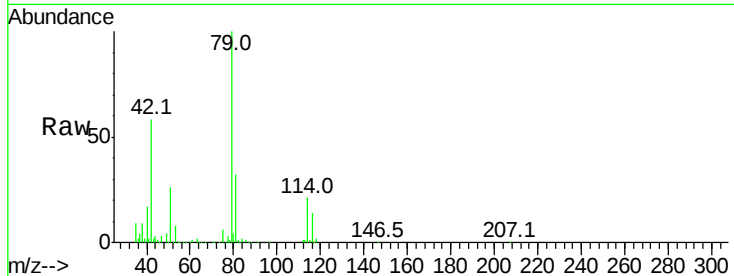
BF2N2

Tgt Ion: 75 Resp: 5681

Ion Ratio Lower Upper

75 100

77 47.7 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.401 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

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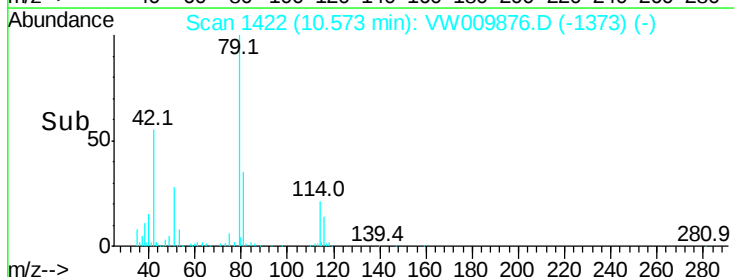
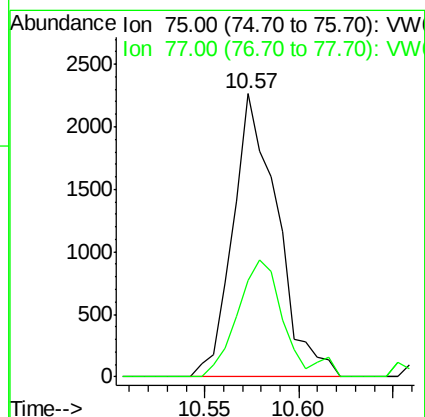
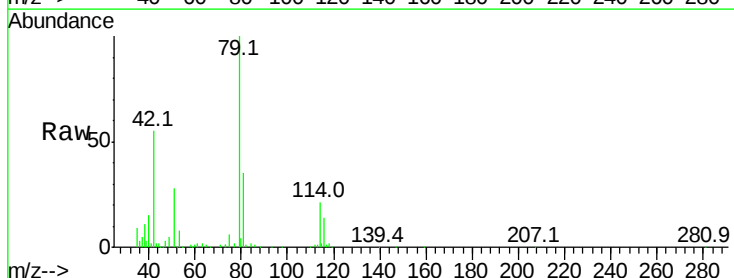
Acq: 10 Apr 2019 11:28

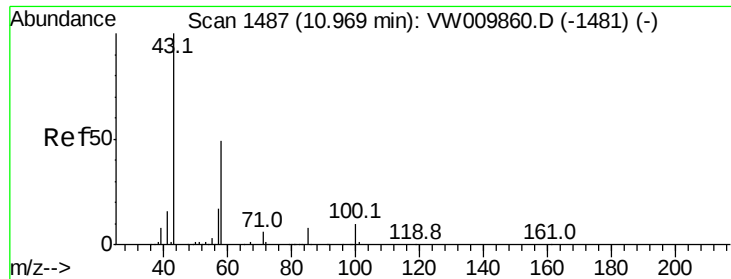
Tgt Ion: 75 Resp: 3712

Ion Ratio Lower Upper

75 100

77 34.2 21.1 39.3

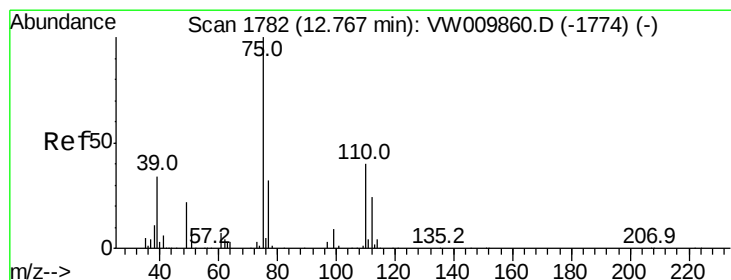
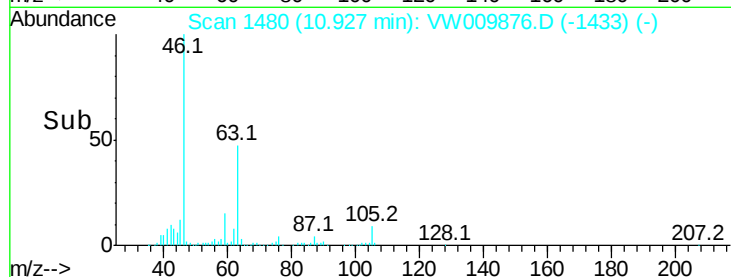
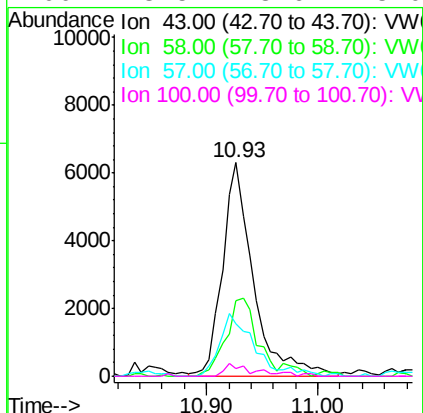
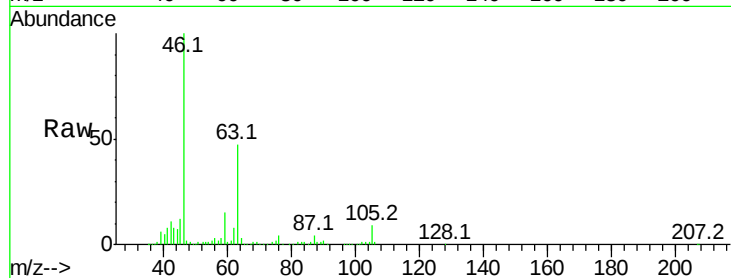




#49
2-Hexanone
Concen: 3.028 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW009876.D
Acq: 10 Apr 2019 11:28

Instrument :
MSVOA_W
ClientSampleId :
BF2N2

Tgt Ion:	43	Resp:	12152
Ion	Ratio	Lower	Upper
43	100		
58	36.0	38.9	58.3#
57	30.8	13.8	20.6#
100	3.5	8.6	13.0#



#59
1,2,3-Trichloropropane
Concen: 4.921 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW009876.D
Acq: 10 Apr 2019 11:28

Tgt Ion:	75	Resp:	25654
Ion	Ratio	Lower	Upper
75	100		
77	37.2	26.2	39.2

