

Data File : VW006918.D
Acq On : 16 Nov 2018 15:40
Operator : SY/AP
Sample : J5944-18
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETH2

Quant Time: Nov 16 23:54:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	185237	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	181677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	88622	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38006	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
7) Chloroethane-d5	2.89	69	29139	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
10) 1,1-Dichloroethene-d2	4.03	63	75232	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.09	46	34731	38.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.64%
24) Chloroform-d	7.65	84	92707	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.31	65	61097	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.60%
29) Benzene-d6	8.28	84	204524	21.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.16%
33) 1,2-Dichloropropane-d6	9.28	67	63784	21.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.76%
37) Toluene-d8	10.33	98	212797	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.52%
38) trans-1,3-Dichloropropene-	10.58	79	27853	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.20%
39) 2-Hexanone-d5	10.93	63	27847	38.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54135	21.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	76927	22.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.68%

Target Compounds

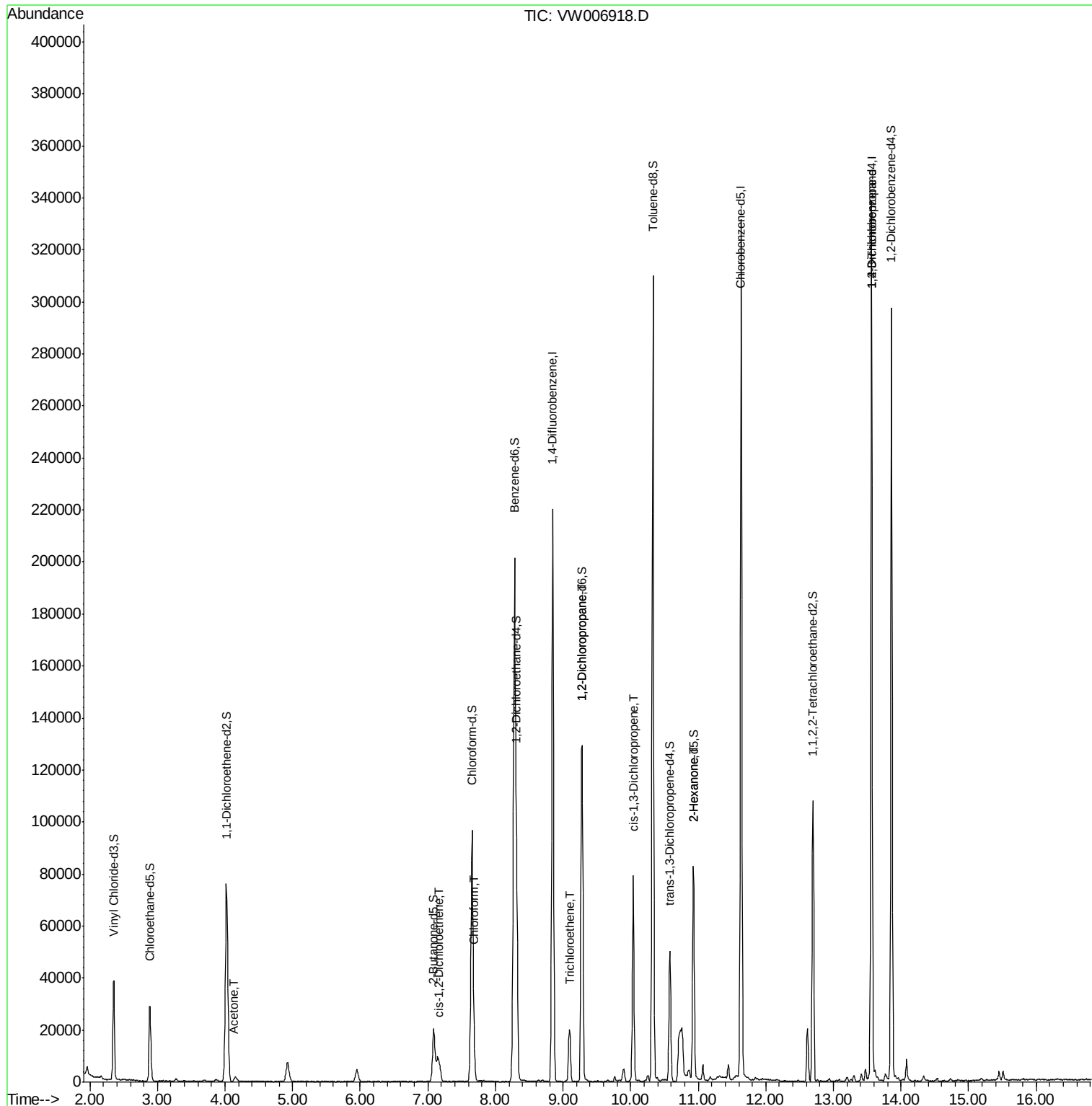
					Qvalue
13) Acetone	4.14	43	850	1.456 ug/L	85
22) cis-1,2-Dichloroethene	7.17	96	2416	0.979 ug/L	93
25) Chloroform	7.68	83	5971	1.309 ug/L	77
35) Trichloroethene	9.10	95	7240	2.616 ug/L	96
40) 1,2-Dichloropropane	9.27	63	7003	2.798 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1924	0.509 ug/L #	83
49) 2-Hexanone	10.93	43	3307	2.277 ug/L #	65
59) 1,2,3-Trichloropropane	13.57	75	10427	5.507 ug/L	89

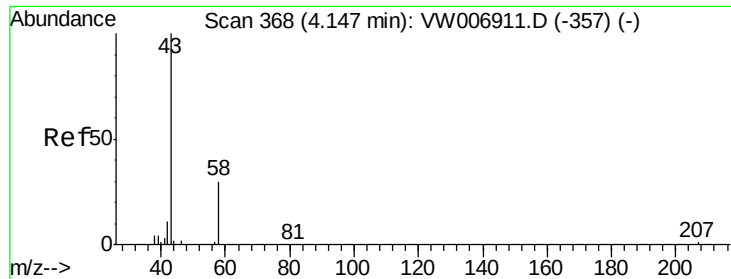
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.456 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006918.D

Acq: 16 Nov 2018 15:40

Instrument :

MSVOA_W

ClientSampled :

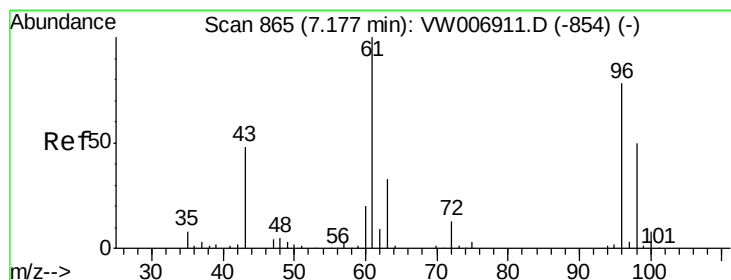
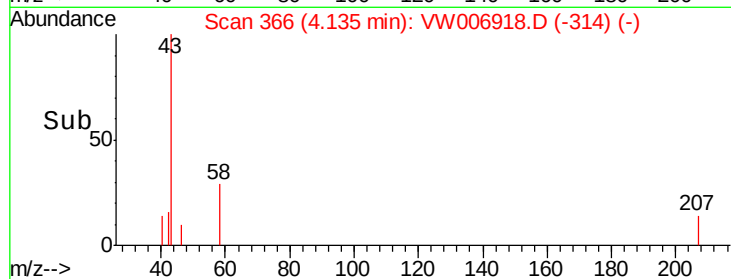
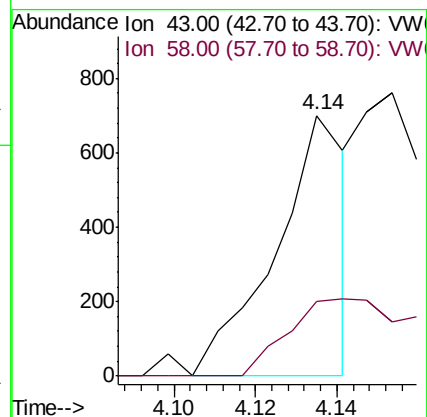
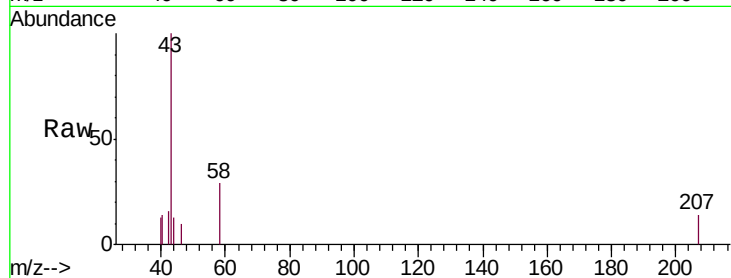
ETH2

Tgt Ion: 43 Resp: 850

Ion Ratio Lower Upper

43 100

58 41.4 0.0 65.6



#22

cis-1,2-Dichloroethene

Concen: 0.979 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW006918.D

Acq: 16 Nov 2018 15:40

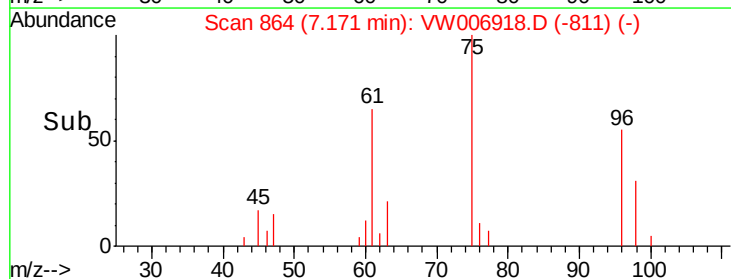
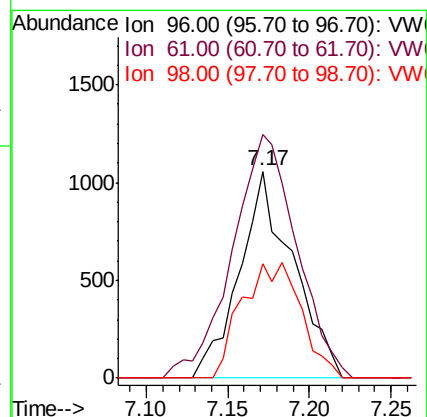
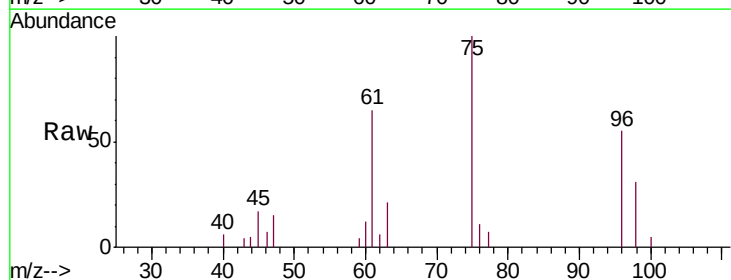
Tgt Ion: 96 Resp: 2416

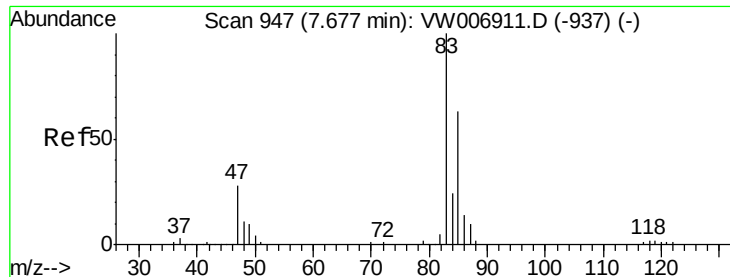
Ion Ratio Lower Upper

96 100

61 117.7 88.1 163.7

98 55.6 43.1 80.1

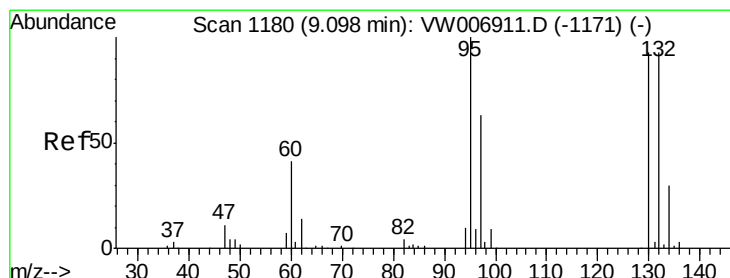
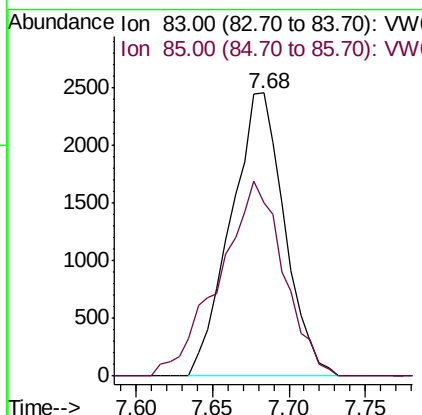
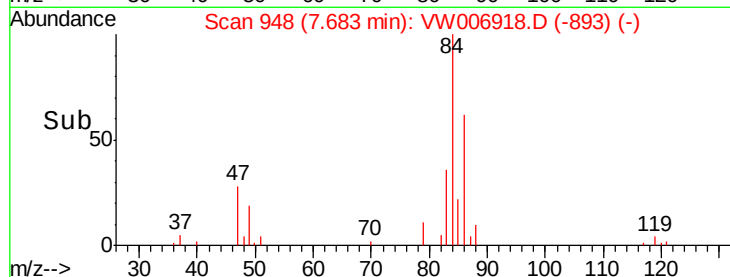
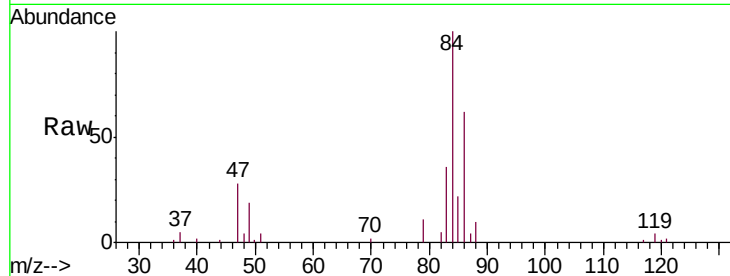




#25
Chloroform
Concen: 1.309 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006918.D
Acq: 16 Nov 2018 15:40

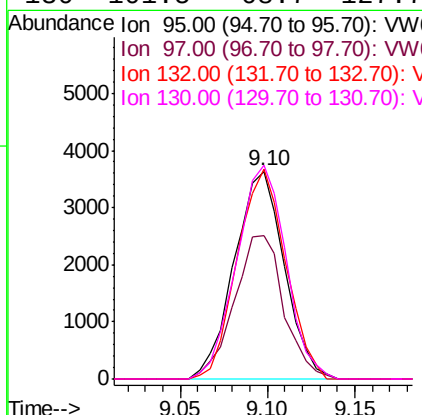
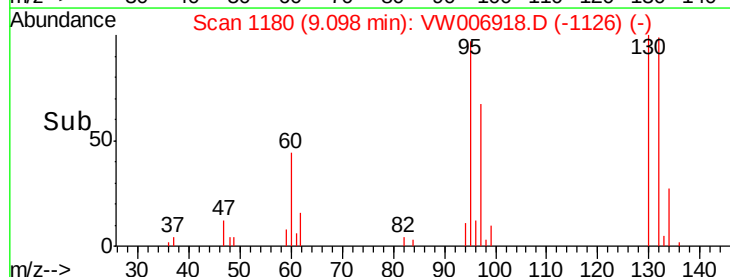
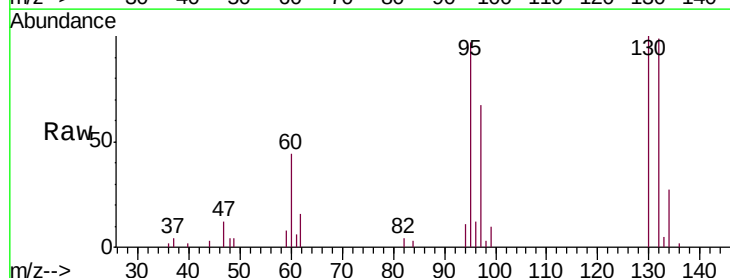
Instrument :
MSVOA_W
ClientSampled :
ETH2

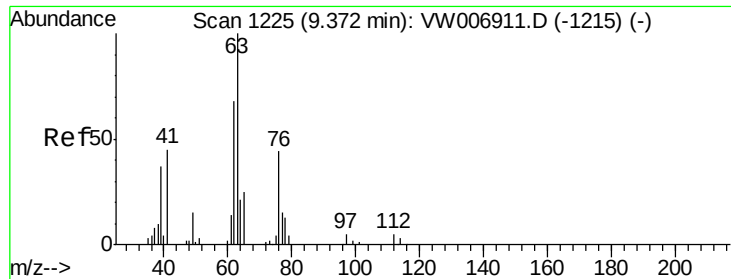
Tgt Ion: 83 Resp: 5971
Ion Ratio Lower Upper
83 100
85 82.7 45.4 84.2



#35
Trichloroethene
Concen: 2.616 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW006918.D
Acq: 16 Nov 2018 15:40

Tgt Ion: 95 Resp: 7240
Ion Ratio Lower Upper
95 100
97 68.2 45.1 83.9
132 97.8 65.7 121.9
130 101.5 68.7 127.7





#40

1,2-Dichloropropane

Concen: 2.798 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006918.D

Acq: 16 Nov 2018 15:40

Instrument :

MSVOA_W

ClientSampled :

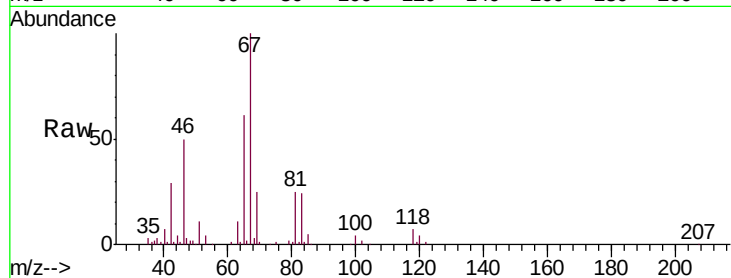
ETH2

Tgt Ion: 63 Resp: 7003

Ion Ratio Lower Upper

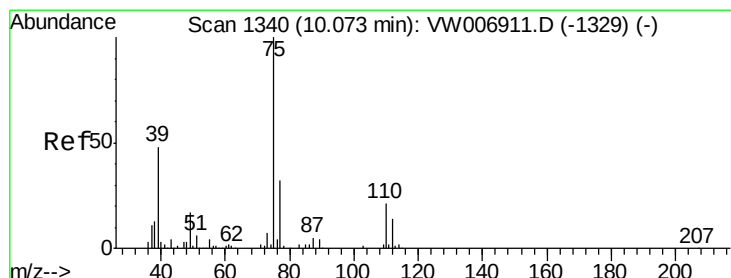
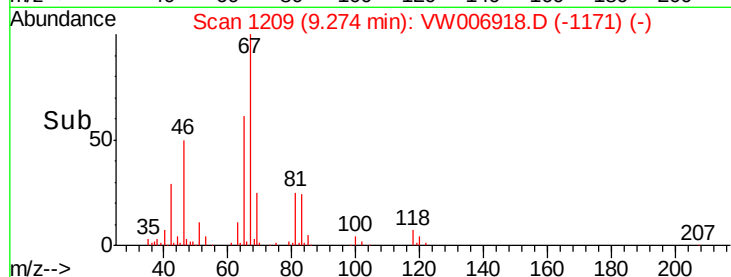
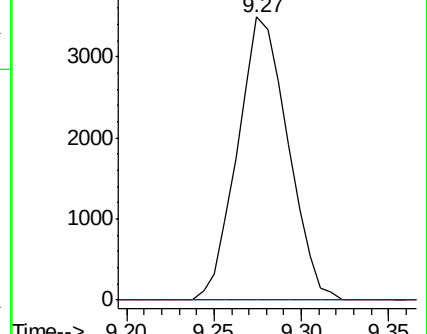
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.509 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW006918.D

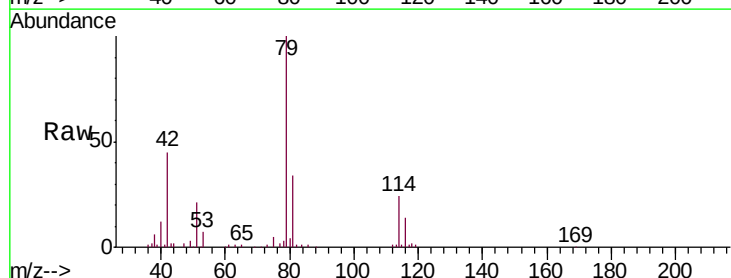
Acq: 16 Nov 2018 15:40

Tgt Ion: 75 Resp: 1924

Ion Ratio Lower Upper

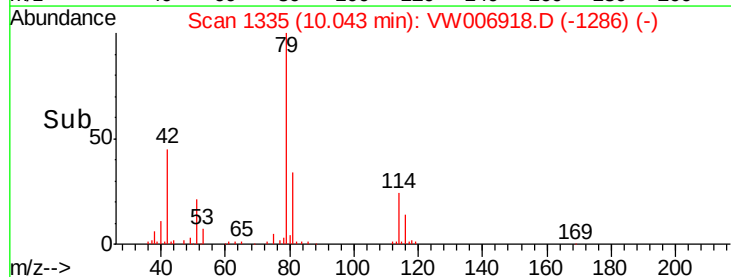
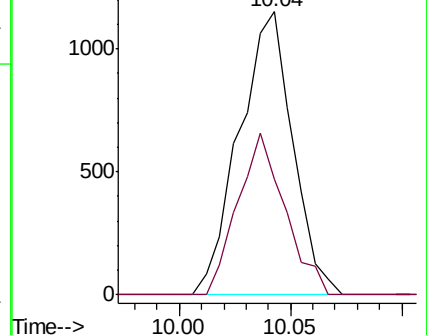
75 100

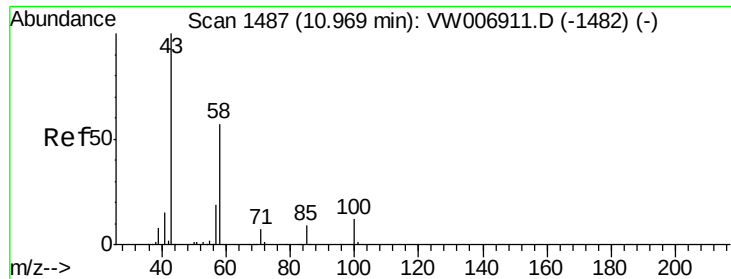
77 40.7 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.277 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006918.D

Acq: 16 Nov 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

ETH2

Tgt Ion: 43 Resp: 3307

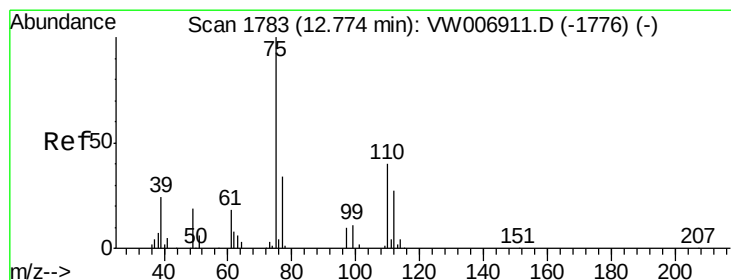
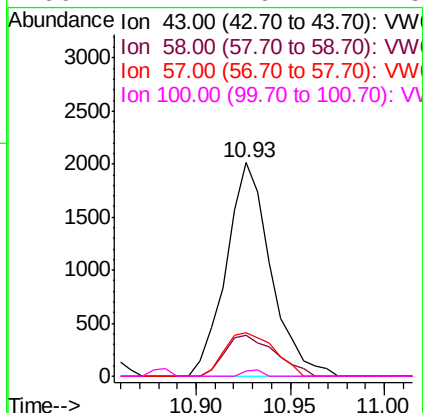
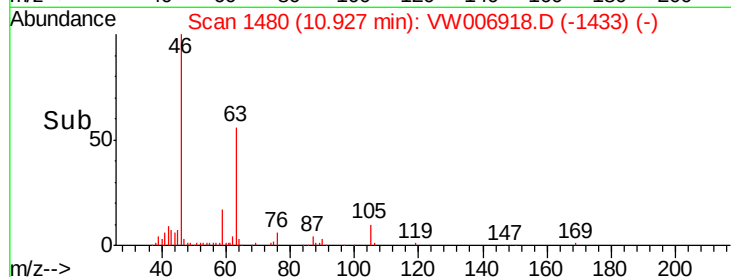
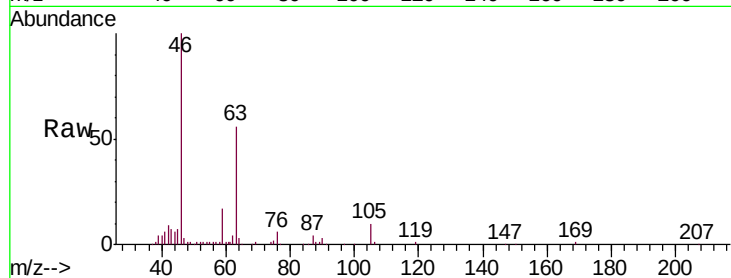
Ion Ratio Lower Upper

43 100

58 21.8 44.6 67.0#

57 22.6 16.0 24.0

100 1.2 9.7 14.5#



#59

1,2,3-Trichloropropane

Concen: 5.507 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006918.D

Acq: 16 Nov 2018 15:40

Tgt Ion: 75 Resp: 10427

Ion Ratio Lower Upper

75 100

77 39.2 26.5 39.7

