

Data File : VW006906.D
Acq On : 15 Nov 2018 19:02
Operator : SY/AP
Sample : J5945-19
Misc : 3.40G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB2

Quant Time: Nov 16 04:55:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 04:49:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	179555	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	171679	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	77255	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39814	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.88%
7) Chloroethane-d5	2.89	69	31123	26.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.48%
10) 1,1-Dichloroethene-d2	4.02	63	78266	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.09	46	24820	28.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.50%
24) Chloroform-d	7.65	84	96886	24.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	8.31	65	56023	24.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.88%
29) Benzene-d6	8.28	84	212015	23.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.48%
33) 1,2-Dichloropropane-d6	9.28	67	63544	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.52%
37) Toluene-d8	10.33	98	217281	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.56%
38) trans-1,3-Dichloropropene-	10.58	79	25332	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.88%
39) 2-Hexanone-d5	10.93	63	20342	29.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45070	18.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	70560	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

Target Compounds

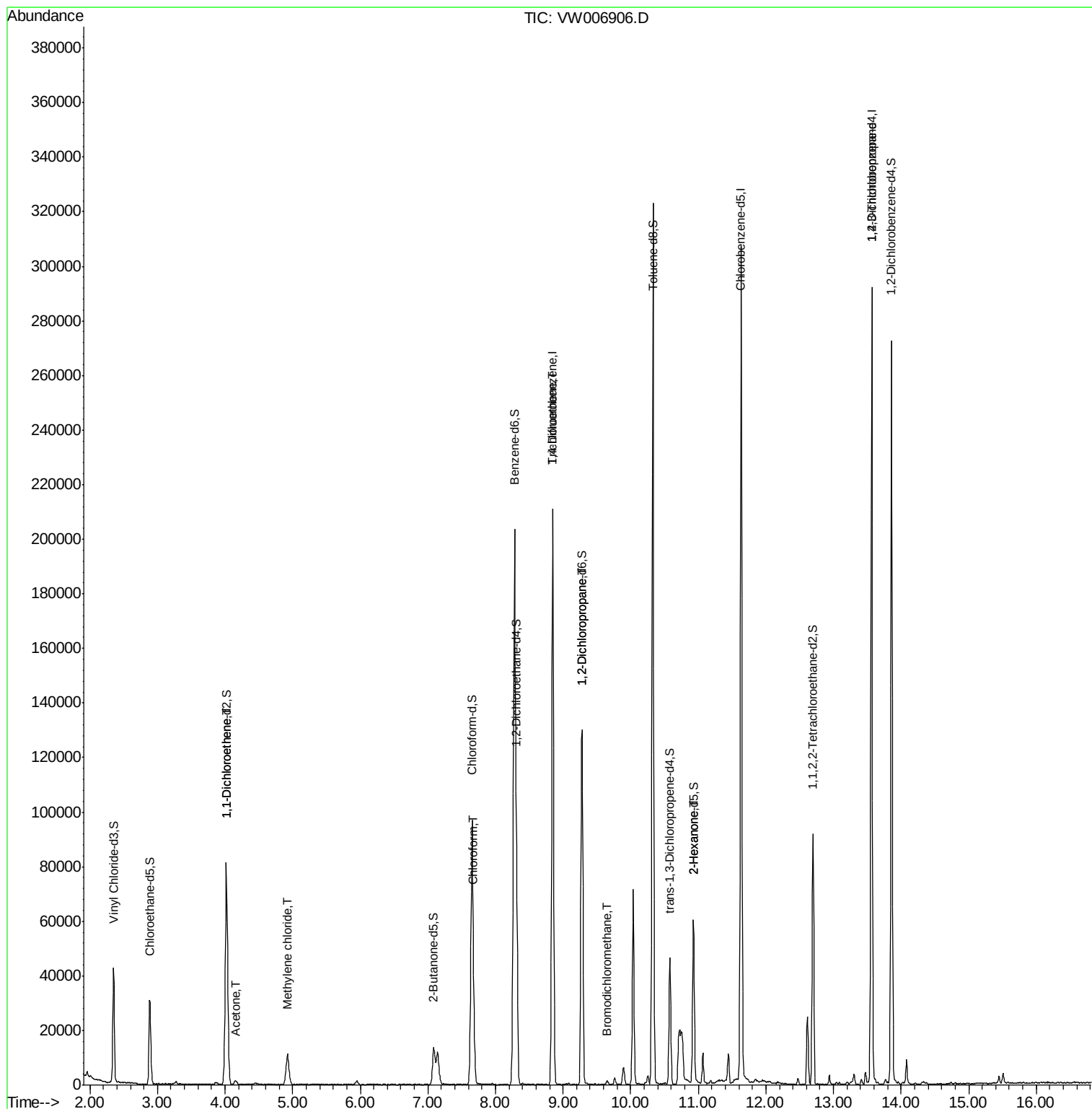
					Qvalue
12) 1,1-Dichloroethene	4.01	96	727	0.354 ug/L #	1
13) Acetone	4.15	43	1395	2.465 ug/L	52
16) Methylene chloride	4.93	84	8637	2.751 ug/L	92
25) Chloroform	7.68	83	11158	2.524 ug/L	91
35) Trichloroethene	8.85	95	5316	2.033 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	6890	2.913 ug/L #	88
41) Bromodichloromethane	9.65	83	1001	0.345 ug/L #	96
49) 2-Hexanone	10.93	43	2420	1.764 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	9344	5.222 ug/L	92

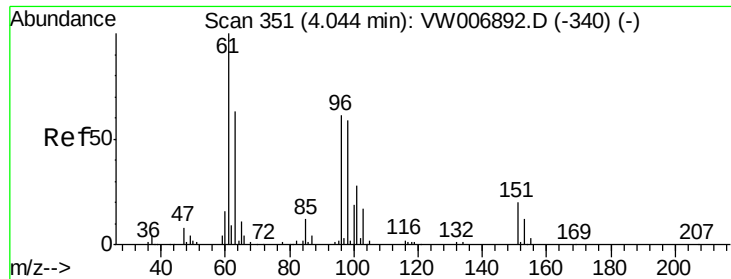
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.354 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.03 min

Lab File: VW006906.D

Acq: 15 Nov 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

ETOB2

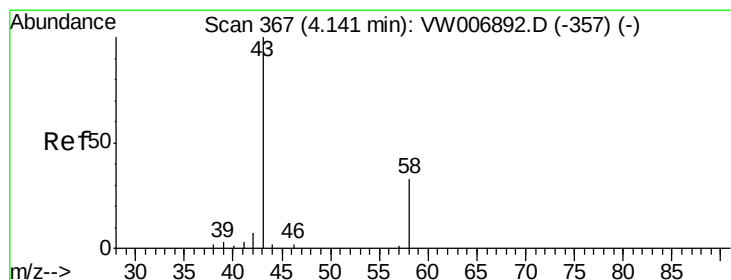
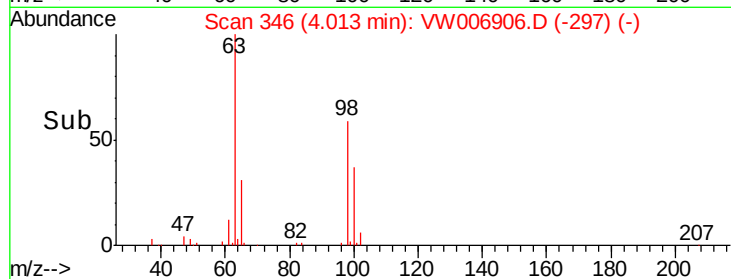
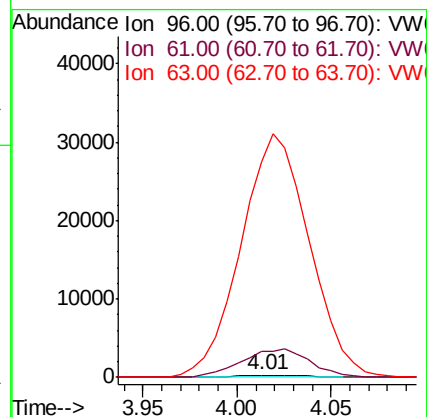
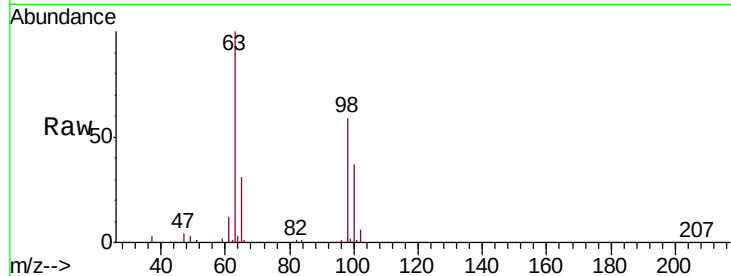
Tgt Ion: 96 Resp: 727

Ion Ratio Lower Upper

96 100

61 1163.7 116.3 215.9#

63 9511.4 73.4 136.4#



#13

Acetone

Concen: 2.465 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006906.D

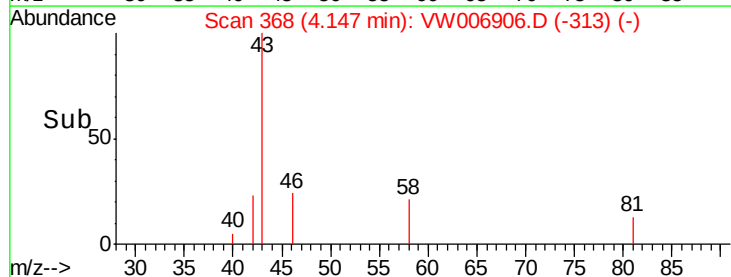
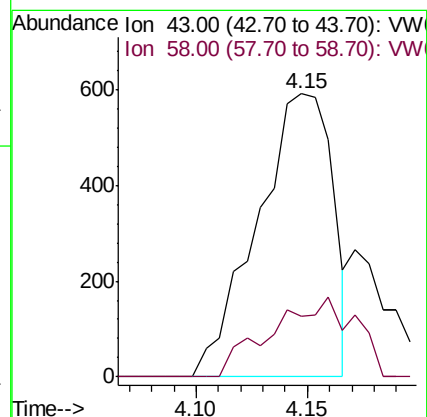
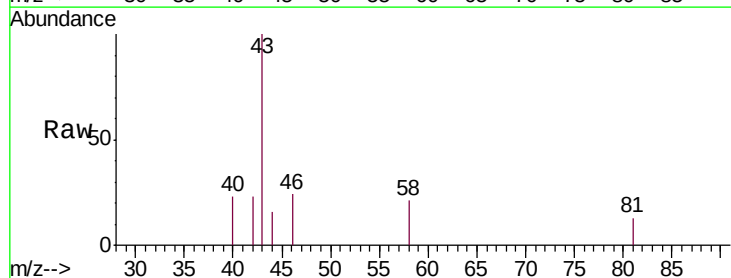
Acq: 15 Nov 2018 19:02

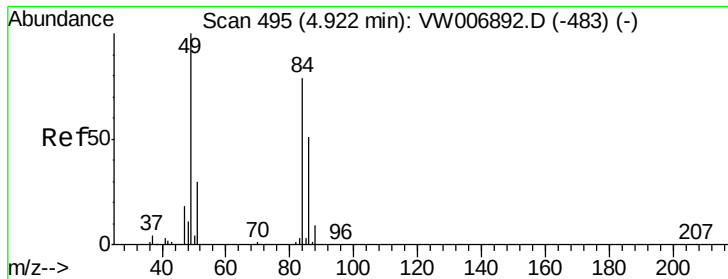
Tgt Ion: 43 Resp: 1395

Ion Ratio Lower Upper

43 100

58 5.5 0.0 65.6

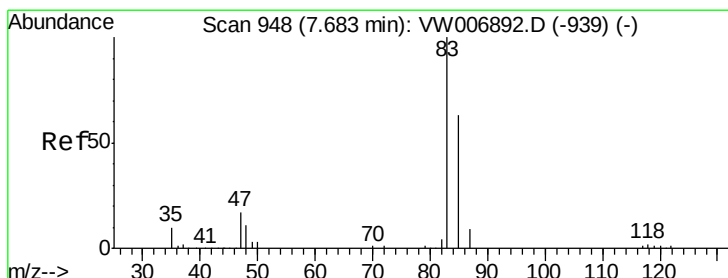
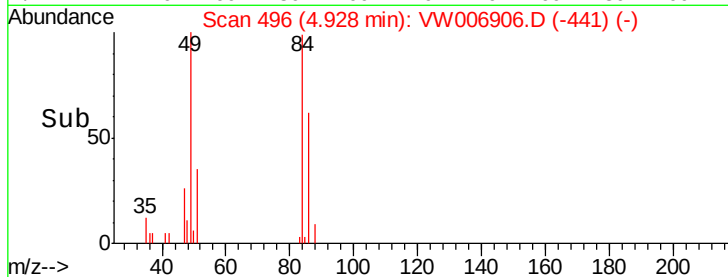
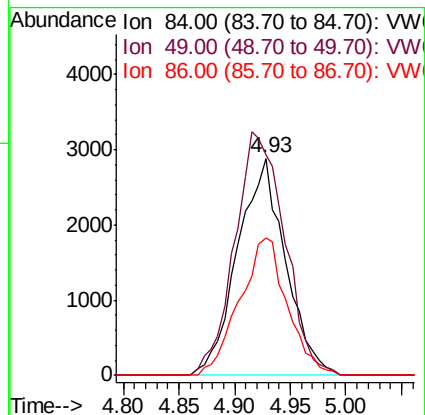
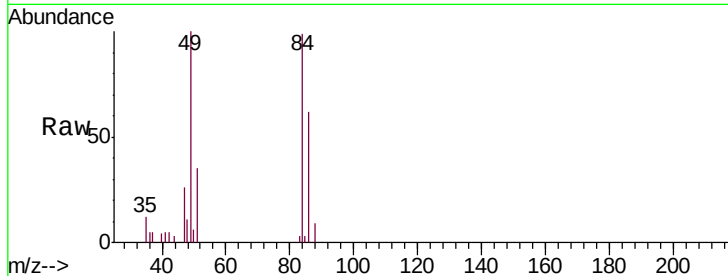




#16
Methylene chloride
Concen: 2.751 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006906.D
Acq: 15 Nov 2018 19:02

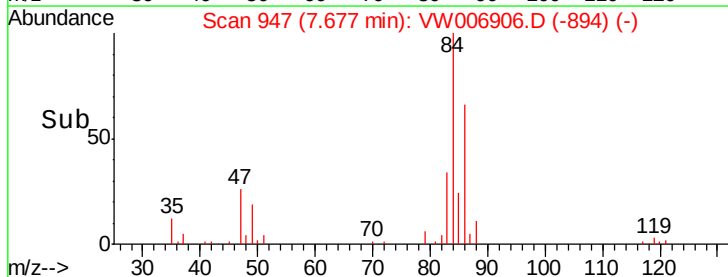
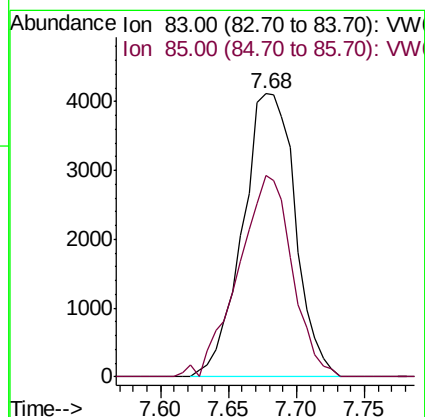
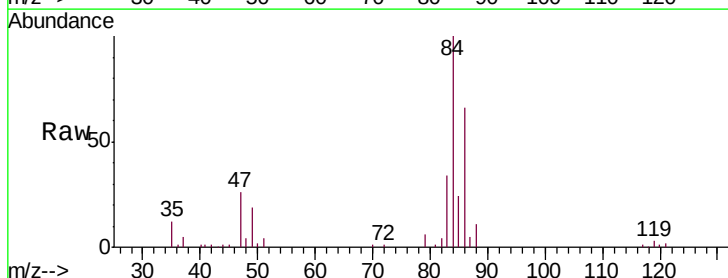
Instrument :
MSVOA_W
ClientSampleId :
ETOB2

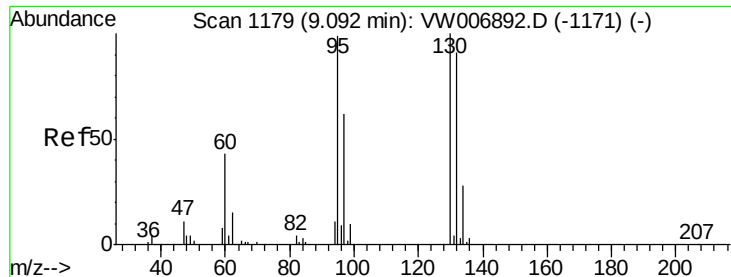
Tgt Ion: 84 Resp: 8637
Ion Ratio Lower Upper
84 100
49 101.5 79.3 147.3
86 63.4 43.5 80.9



#25
Chloroform
Concen: 2.524 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006906.D
Acq: 15 Nov 2018 19:02

Tgt Ion: 83 Resp: 11158
Ion Ratio Lower Upper
83 100
85 71.7 45.4 84.2





#35

Trichloroethene

Concen: 2.033 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006906.D

Acq: 15 Nov 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

ETOB2

Tgt Ion: 95 Resp: 5316

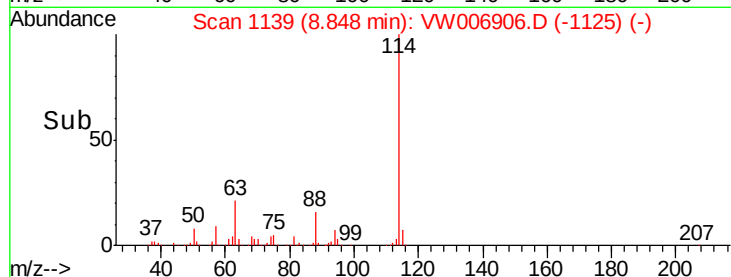
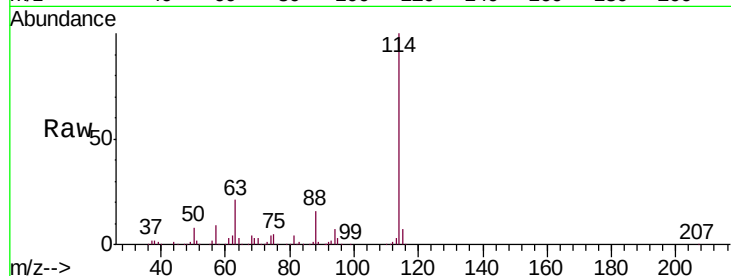
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

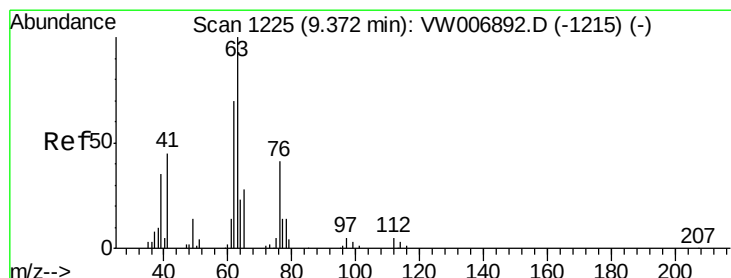
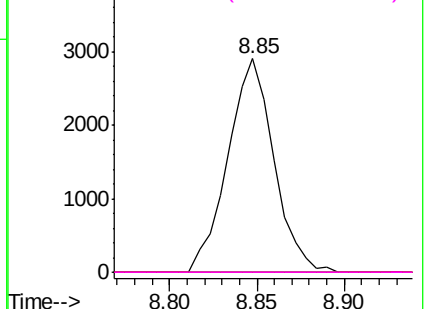


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 2.913 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006906.D

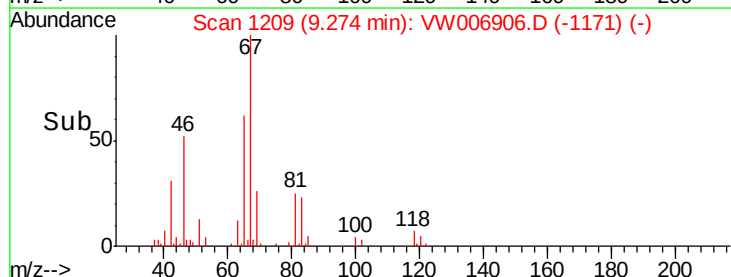
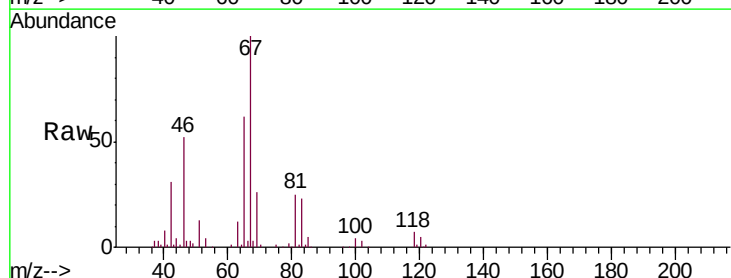
Acq: 15 Nov 2018 19:02

Tgt Ion: 63 Resp: 6890

Ion Ratio Lower Upper

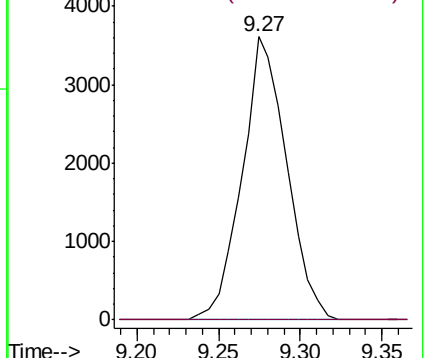
63 100

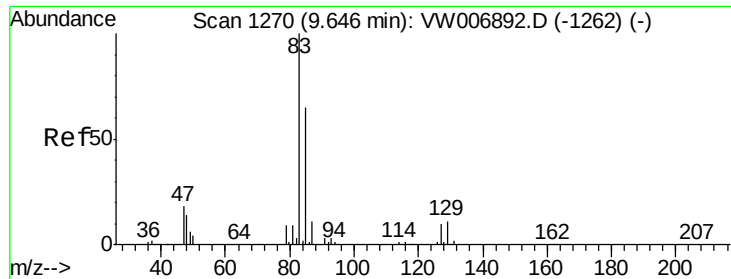
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#41

Bromodichloromethane

Concen: 0.345 ug/L

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW006906.D

Acq: 15 Nov 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

ETOB2

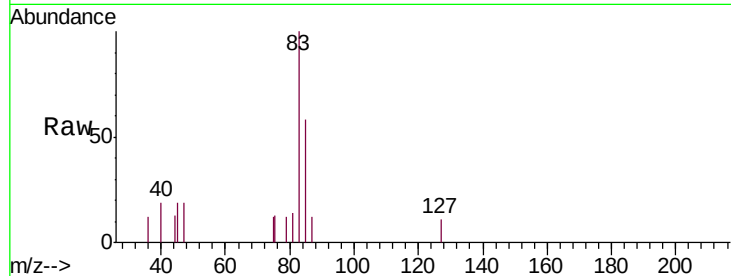
Tgt Ion: 83 Resp: 1001

Ion Ratio Lower Upper

83 100

85 58.0 42.4 78.6

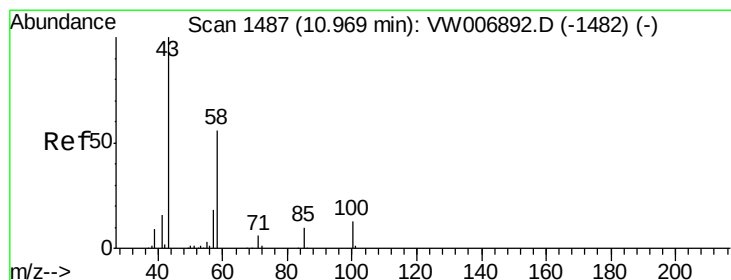
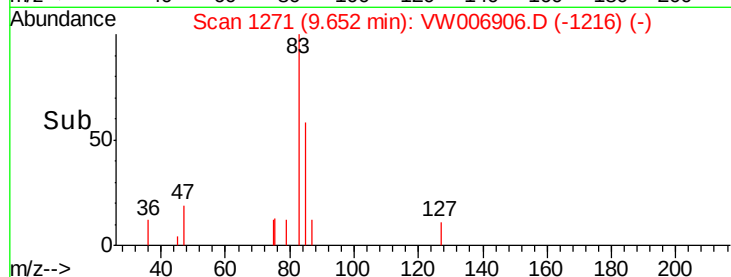
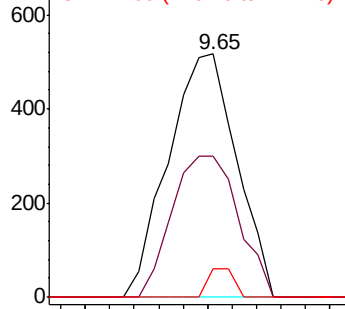
127 11.4 6.5 9.7#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#49

2-Hexanone

Concen: 1.764 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW006906.D

Acq: 15 Nov 2018 19:02

Tgt Ion: 43 Resp: 2420

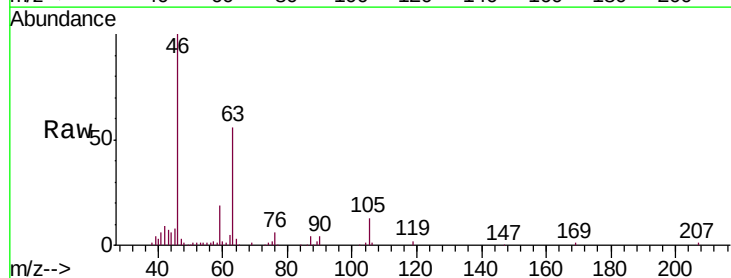
Ion Ratio Lower Upper

43 100

58 20.9 44.6 67.0#

57 23.7 16.0 24.0

100 2.5 9.7 14.5#

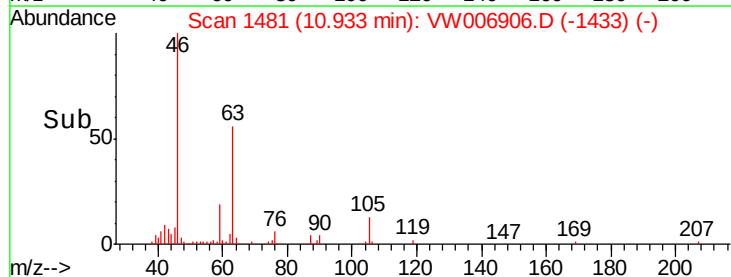
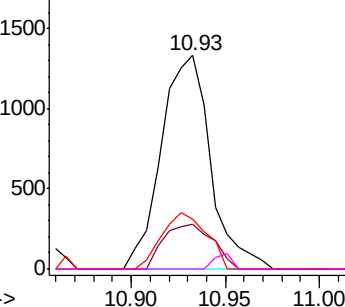


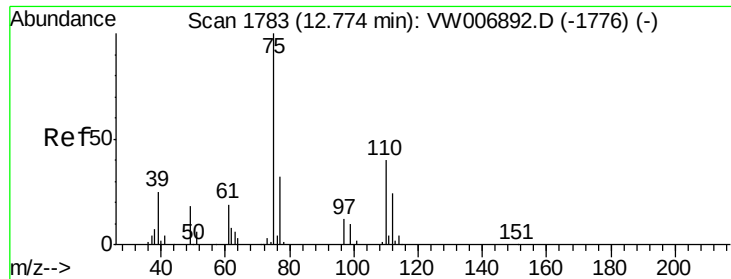
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#59

1,2,3-Trichloropropane

Concen: 5.222 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006906.D

Acq: 15 Nov 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

ETOB2

Tgt Ion: 75 Resp: 9344

Ion Ratio Lower Upper

75 100

77 37.8 26.5 39.7

