

Data File : VW006904.D
Acq On : 15 Nov 2018 18:11
Operator : SY/AP
Sample : J5945-17
Misc : 6.07G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOAB

Quant Time: Nov 16 04:54:39 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	149878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	137508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	57704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34451	25.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.56%
7) Chloroethane-d5	2.89	69	26296	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.80%
10) 1,1-Dichloroethene-d2	4.02	63	67391	18.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.84%
20) 2-Butanone-d5	7.09	46	27384	37.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.68%
24) Chloroform-d	7.65	84	81479	24.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.24%
26) 1,2-Dichloroethane-d4	8.31	65	51304	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.60%
29) Benzene-d6	8.28	84	177029	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.28	67	55714	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.28%
37) Toluene-d8	10.33	98	178582	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	22578	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.56%
39) 2-Hexanone-d5	10.93	63	21088	38.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45820	24.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	54162	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

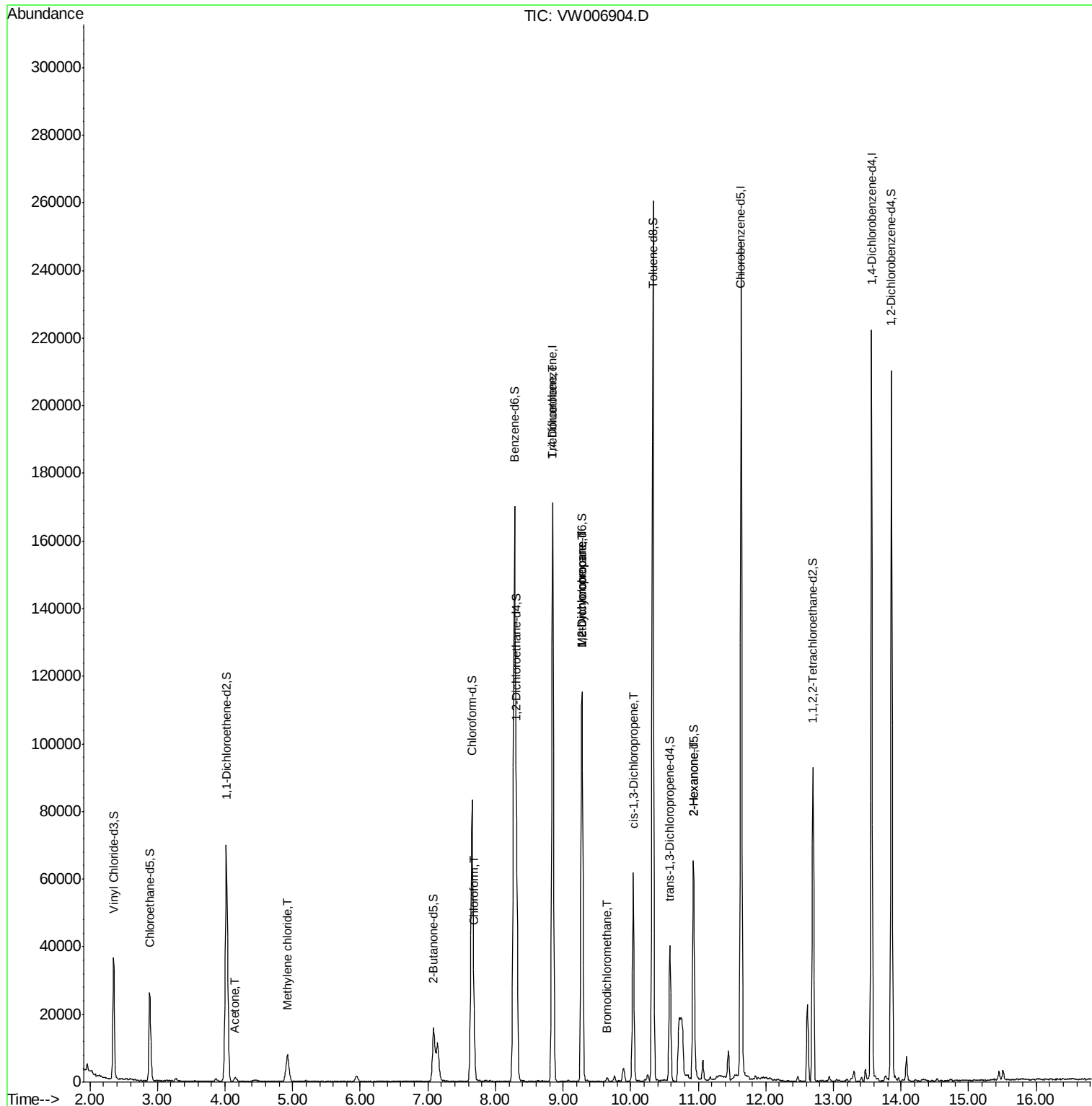
					Qvalue
13) Acetone	4.14	43	756	1.600 ug/L	84
16) Methylene chloride	4.93	84	6323	2.413 ug/L	96
25) Chloroform	7.68	83	8669	2.350 ug/L	87
35) Trichloroethene	8.85	95	4569	2.181 ug/L #	6
36) Methylcyclohexane	9.28	83	13399	3.328 ug/L #	20
40) 1,2-Dichloropropane	9.28	63	5822	3.073 ug/L #	88
41) Bromodichloromethane	9.65	83	714	0.307 ug/L #	93
42) cis-1,3-Dichloropropene	10.04	75	1367	0.478 ug/L #	43
49) 2-Hexanone	10.93	43	2691	2.448 ug/L #	64

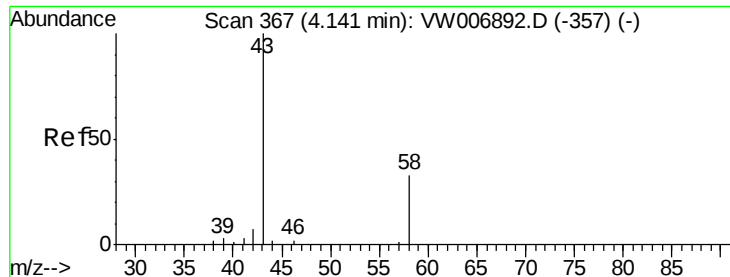
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ETOA8

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QLast Update : Fri Nov 16 04:49:42 2018
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#13

Acetone

Concen: 1.600 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006904.D

Acq: 15 Nov 2018 18:11

Instrument :

MSVOA_W

ClientSampled :

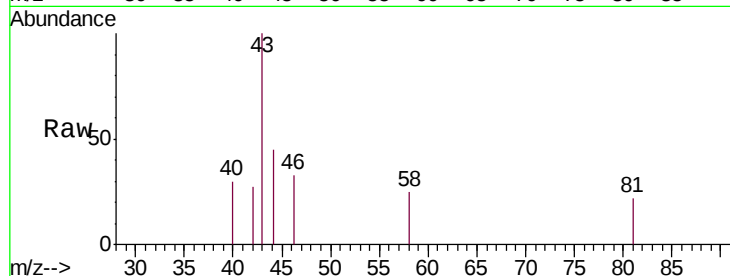
ETOA8

Tgt Ion: 43 Resp: 756

Ion Ratio Lower Upper

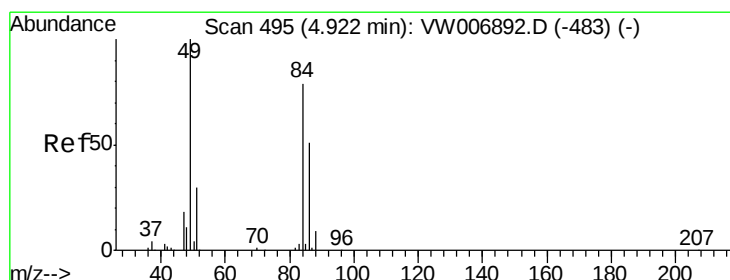
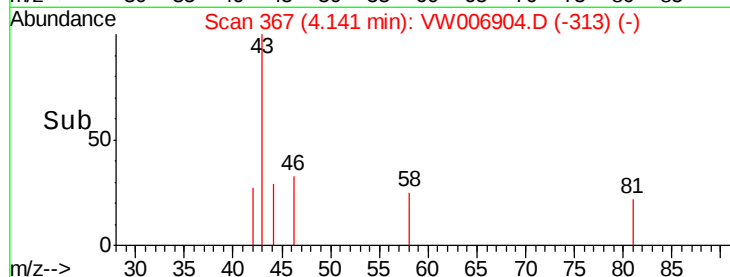
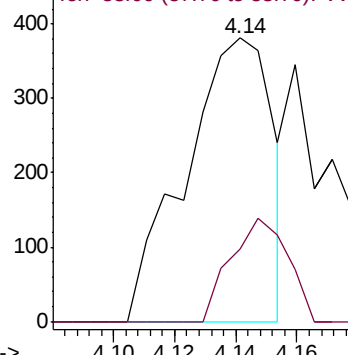
43 100

58 23.9 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.413 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006904.D

Acq: 15 Nov 2018 18:11

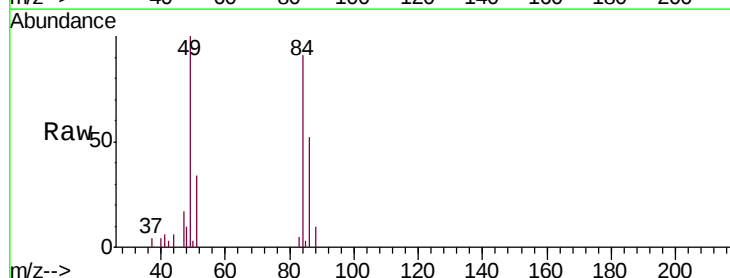
Tgt Ion: 84 Resp: 6323

Ion Ratio Lower Upper

84 100

49 110.5 79.3 147.3

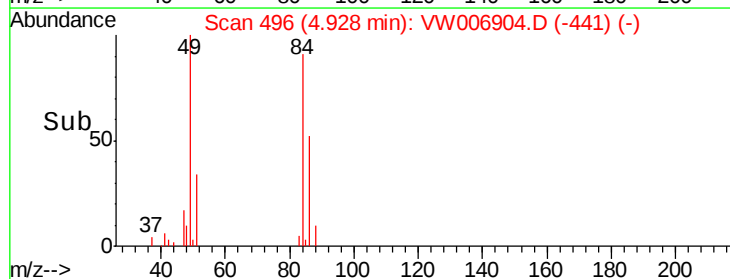
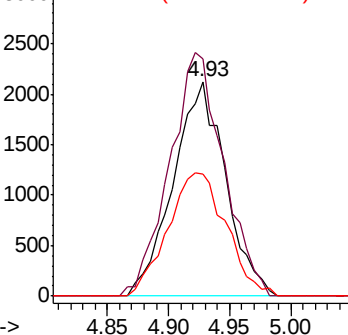
86 57.2 43.5 80.9

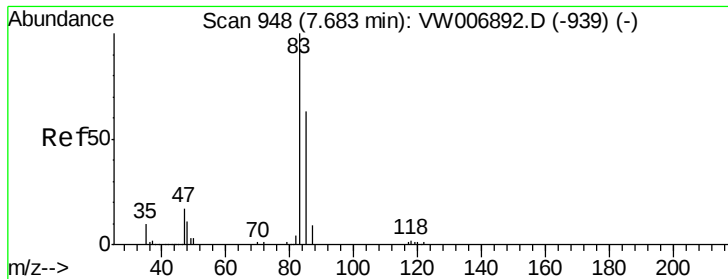


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

Chloroform

Concen: 2.350 ug/L

RT: 7.68 min Scan# 948

Delta R.T. 0.00 min

Lab File: VW006904.D

Acq: 15 Nov 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

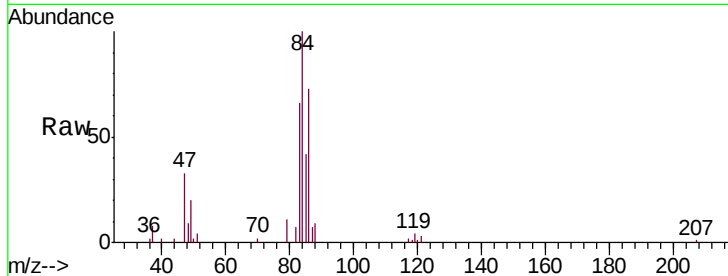
ETOA8

Tgt Ion: 83 Resp: 8669

Ion Ratio Lower Upper

83 100

85 75.1 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

7.68

3000

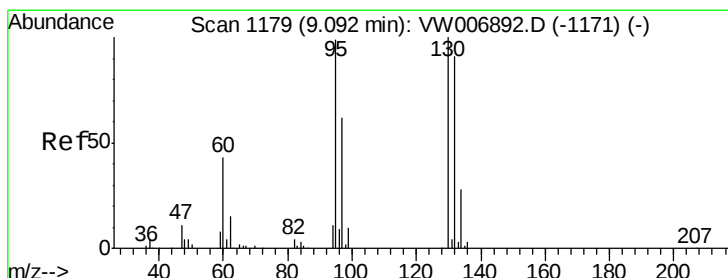
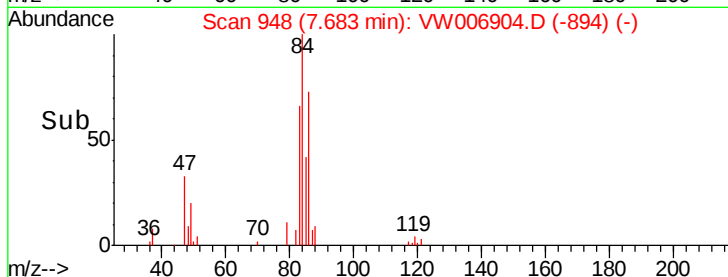
2000

1000

0

Time-->

7.60 7.65 7.70 7.75



#35

Trichloroethene

Concen: 2.181 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006904.D

Acq: 15 Nov 2018 18:11

Tgt Ion: 95 Resp: 4569

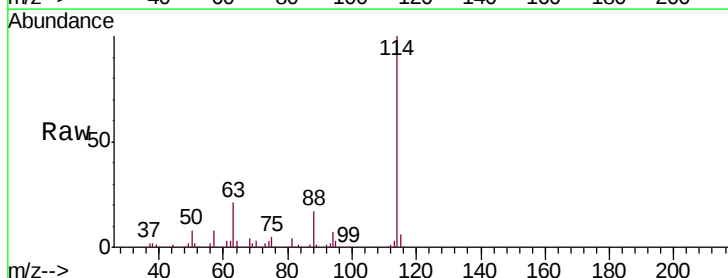
Ion Ratio Lower Upper

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

3000

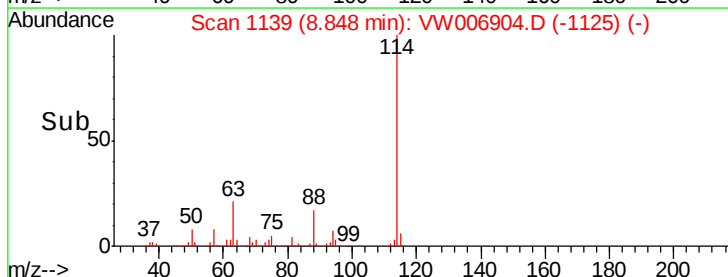
2000

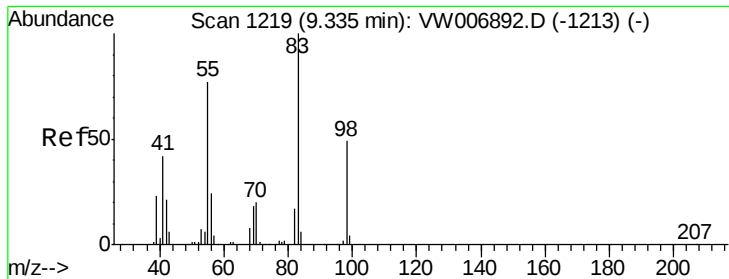
1000

0

Time-->

8.80 8.85 8.90

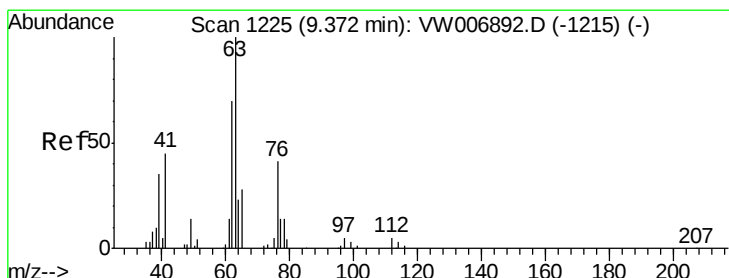
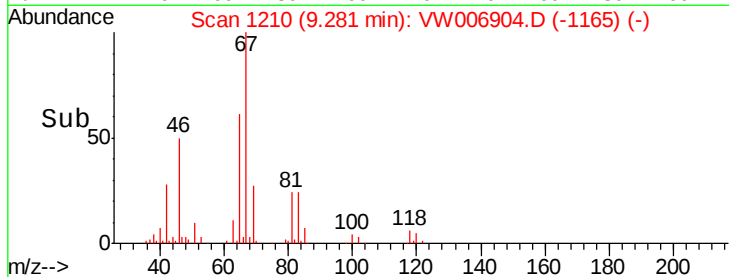
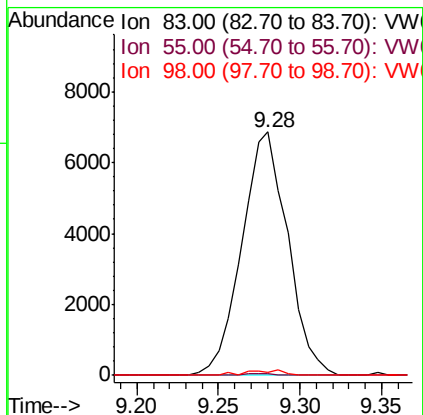
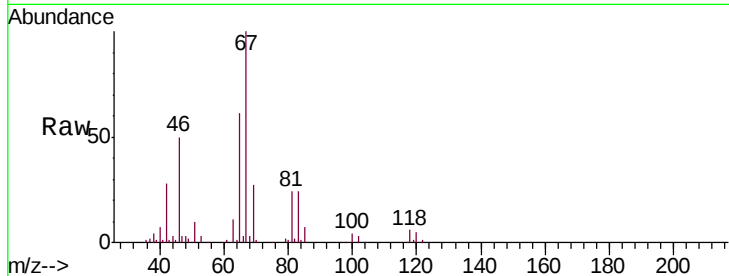




#36
Methylcyclohexane
Concen: 3.328 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW006904.D
Acq: 15 Nov 2018 18:11

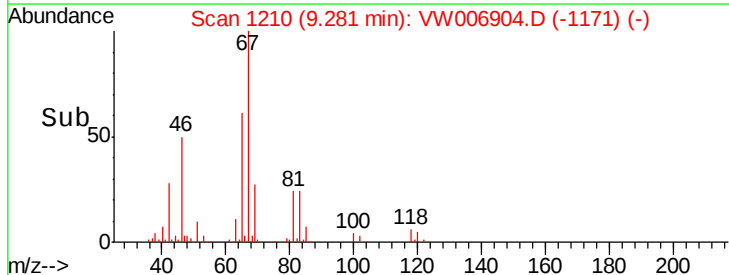
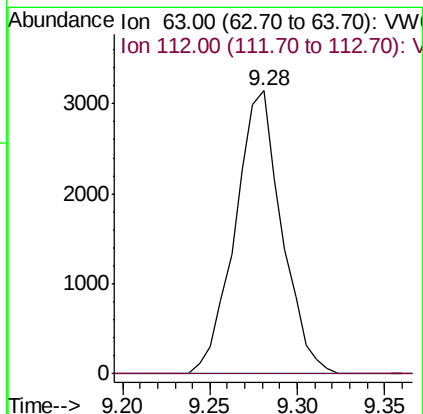
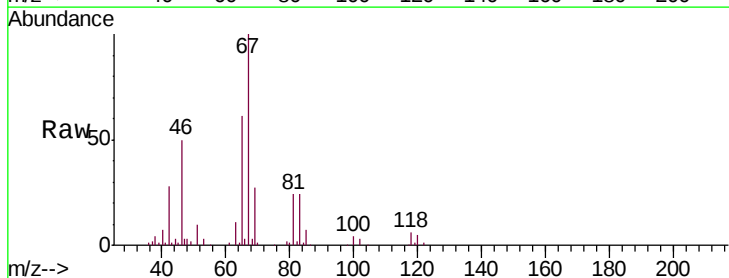
Instrument :
MSVOA_W
ClientSampled :
ETOAS

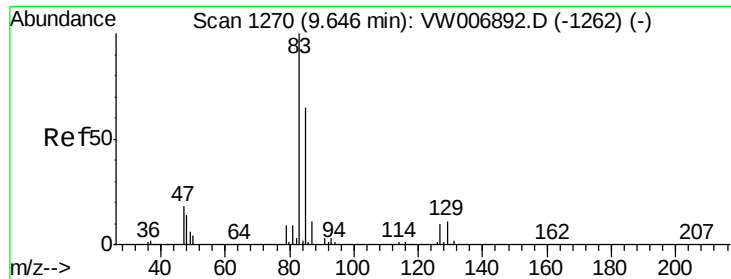
Tgt Ion: 83 Resp: 13399
Ion Ratio Lower Upper
83 100
55 0.5 60.2 90.2#
98 0.9 36.5 54.7#



#40
1,2-Dichloropropane
Concen: 3.073 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW006904.D
Acq: 15 Nov 2018 18:11

Tgt Ion: 63 Resp: 5822
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#41

Bromodichloromethane

Concen: 0.307 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006904.D

Acq: 15 Nov 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

ETOAS

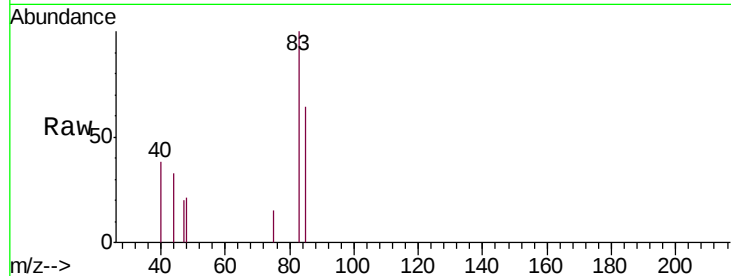
Tgt Ion: 83 Resp: 714

Ion Ratio Lower Upper

83 100

85 63.9 42.4 78.6

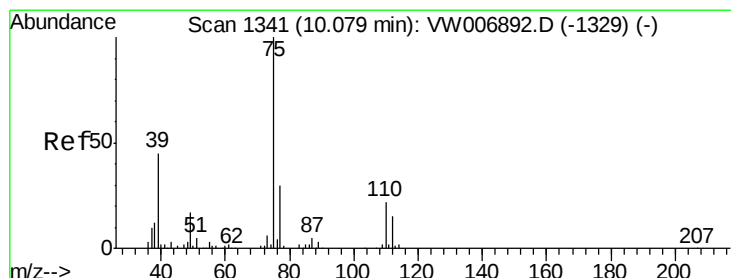
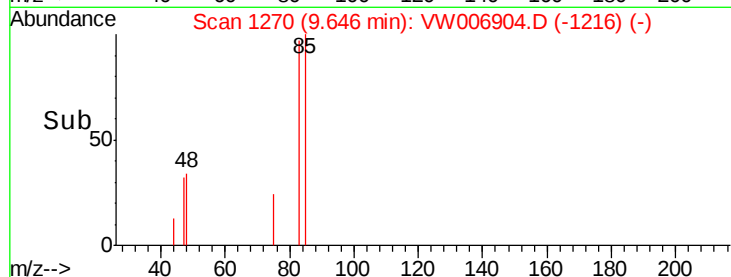
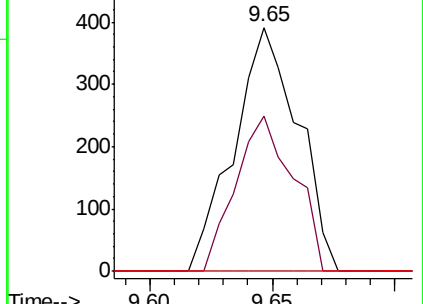
127 0.0 6.5 9.7#



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



#42

cis-1,3-Dichloropropene

Concen: 0.478 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW006904.D

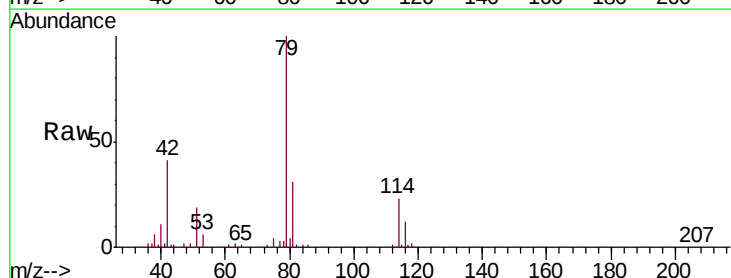
Acq: 15 Nov 2018 18:11

Tgt Ion: 75 Resp: 1367

Ion Ratio Lower Upper

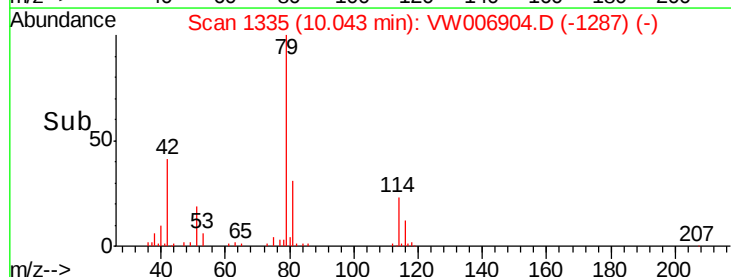
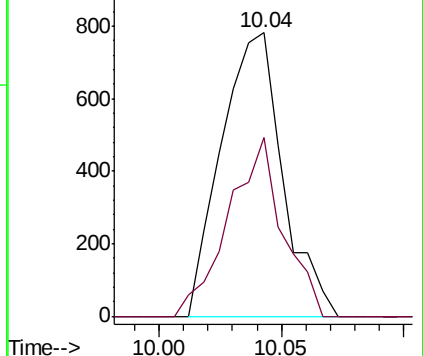
75 100

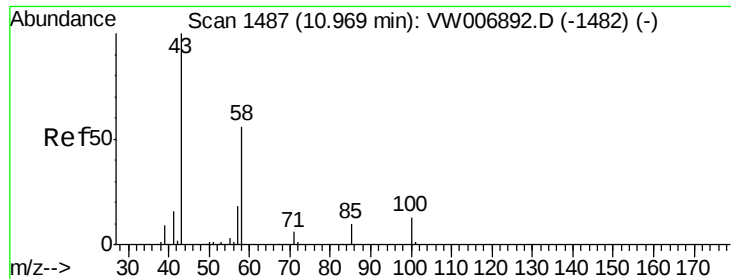
77 62.9 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.448 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006904.D

Acq: 15 Nov 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

ETOAS

Tgt Ion: 43 Resp: 2691

Ion Ratio Lower Upper

43 100

58 22.7 44.6 67.0#

57 25.5 16.0 24.0#

100 0.0 9.7 14.5#

