

Data File : VW006457.D
Acq On : 29 Oct 2018 15:58
Operator : SY/AP
Sample : J5705-10
Misc : 4.89G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40J0

Quant Time: Oct 30 04:57:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	51257	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	45933	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	18696	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	11653	20.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.64%
7) Chloroethane-d5	2.89	69	12663	25.45	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.80%
10) 1,1-Dichloroethene-d2	4.02	63	17975	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.09	46	5352	27.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.86%
24) Chloroform-d	7.65	84	28800	25.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.76%
26) 1,2-Dichloroethane-d4	8.31	65	17516	28.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.08%
29) Benzene-d6	8.28	84	54517	26.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.56%
33) 1,2-Dichloropropane-d6	9.28	67	16695	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.12%
37) Toluene-d8	10.33	98	48491	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.00%
38) trans-1,3-Dichloropropene-	10.58	79	5744	18.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.12%
39) 2-Hexanone-d5	10.93	63	5859	38.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.06%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	16326	26.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	17514	27.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.32%

Target Compounds

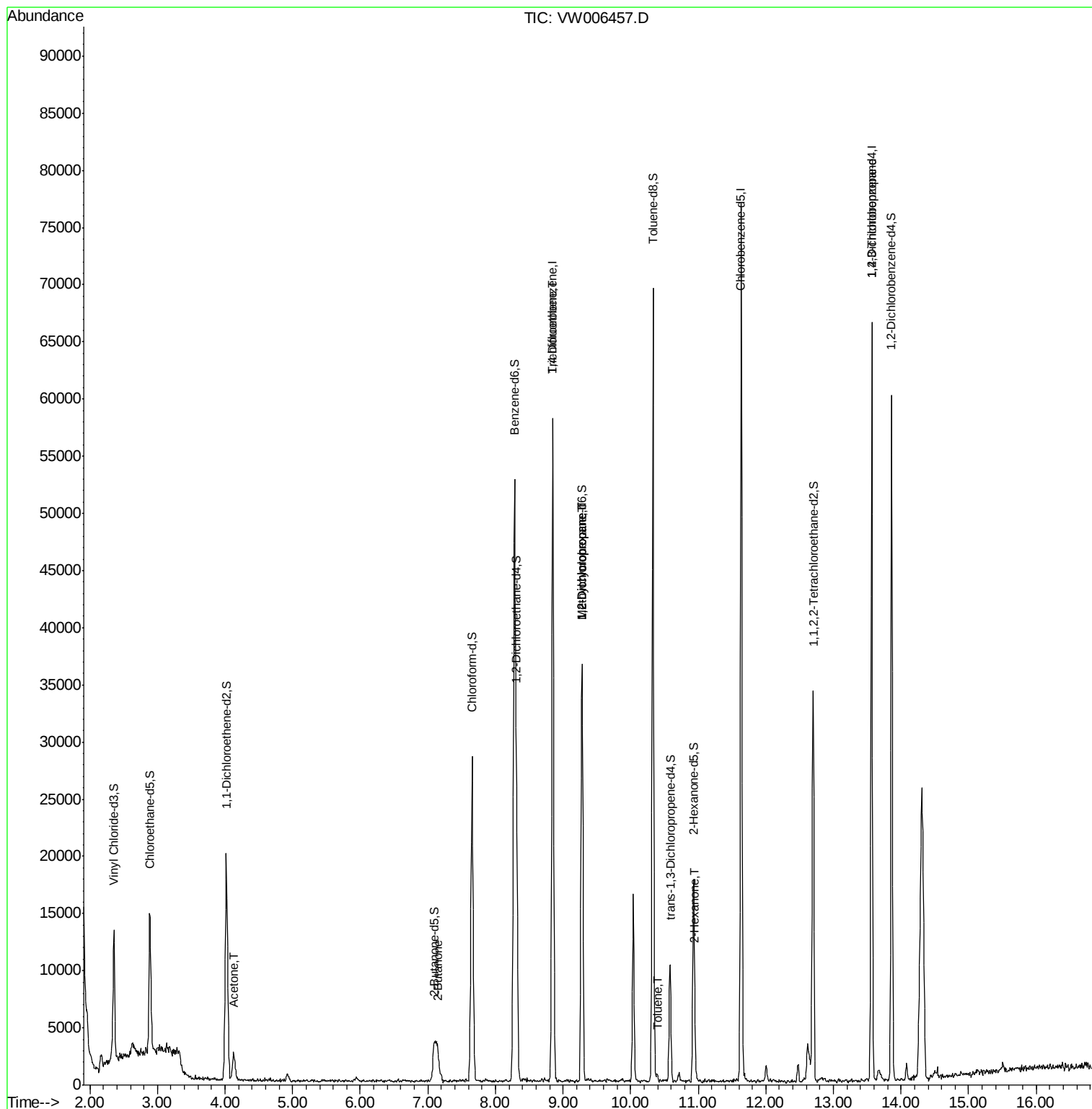
					Qvalue
13) Acetone	4.13	43	4380	22.627 ug/L	87
21) 2-Butanone	7.15	43	193	0.750 ug/L #	47
35) Trichloroethene	8.84	95	1579	2.380 ug/L #	2
36) Methylcyclohexane	9.27	83	4404	3.623 ug/L #	20
40) 1,2-Dichloropropane	9.28	63	1880	3.214 ug/L #	87
44) Toluene	10.39	91	718	0.271 ug/L #	73
49) 2-Hexanone	10.95	43	469	1.358 ug/L #	39
59) 1,2,3-Trichloropropane	13.56	75	1948	4.125 ug/L #	80

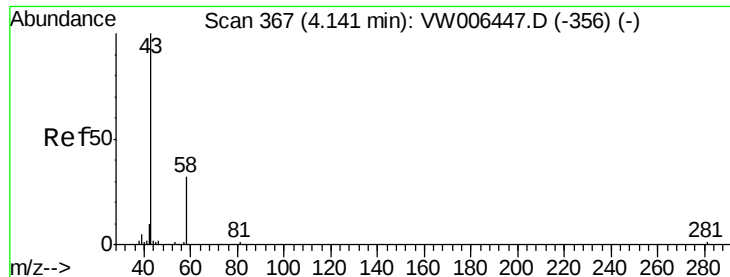
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW006457.D
Acq On : 29 Oct 2018 15:58
Operator : SY/AP
Sample : J5705-10
Misc : 4.89G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40J0

Quant Time: Oct 30 04:57:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 22.627 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006457.D

Acq: 29 Oct 2018 15:58

Instrument :

MSVOA_W

ClientSampled :

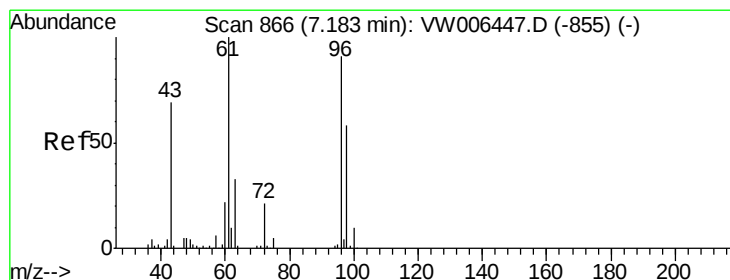
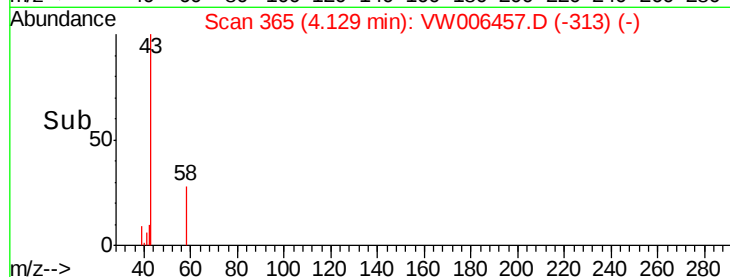
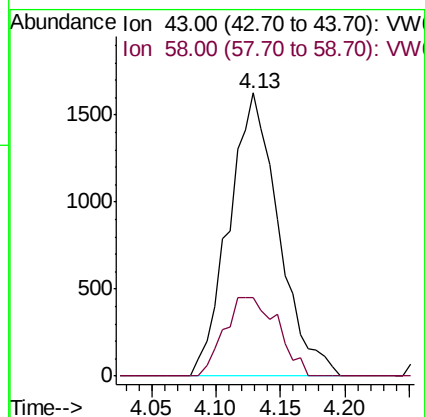
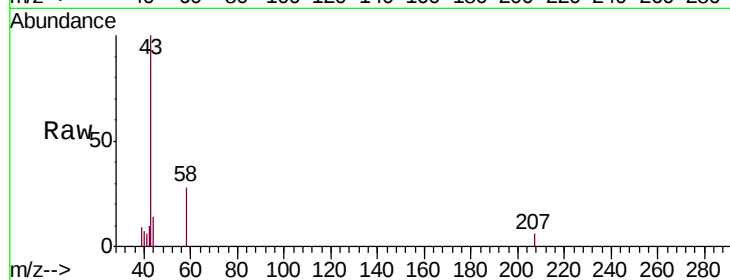
A40J0

Tgt Ion: 43 Resp: 4380

Ion Ratio Lower Upper

43 100

58 23.6 0.0 61.2



#21

2-Butanone

Concen: 0.750 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006457.D

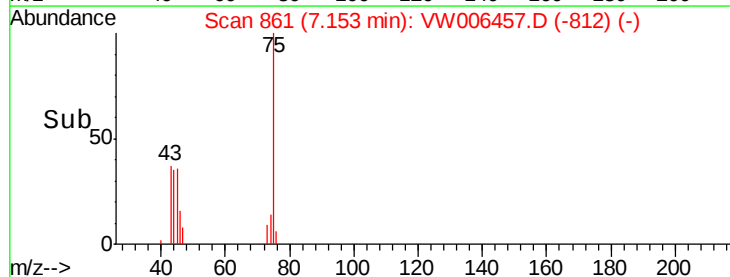
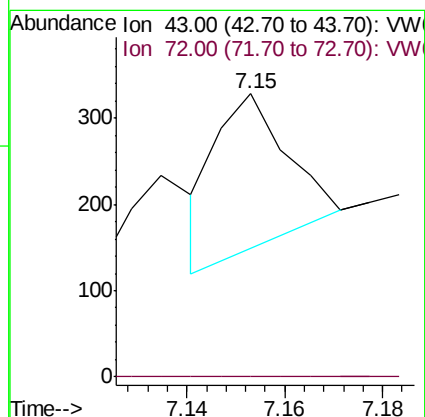
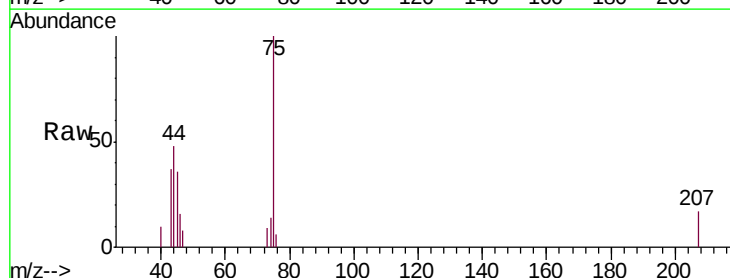
Acq: 29 Oct 2018 15:58

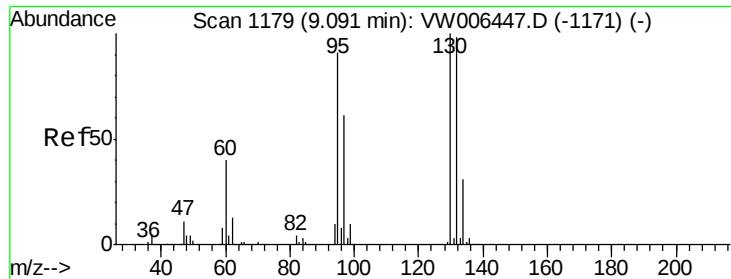
Tgt Ion: 43 Resp: 193

Ion Ratio Lower Upper

43 100

72 0.0 13.8 41.4#





#35

Trichloroethene

Concen: 2.380 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006457.D

Acq: 29 Oct 2018 15:58

Instrument :

MSVOA_W

ClientSampled :

A40J0

Tgt Ion: 95 Resp: 1579

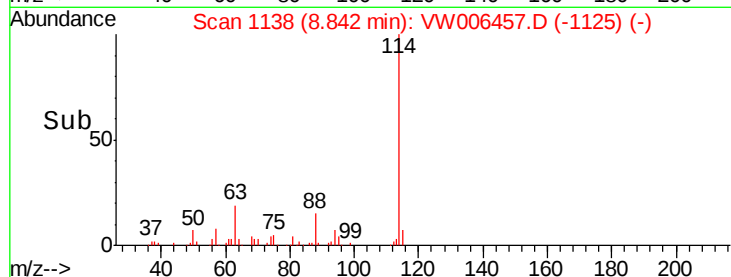
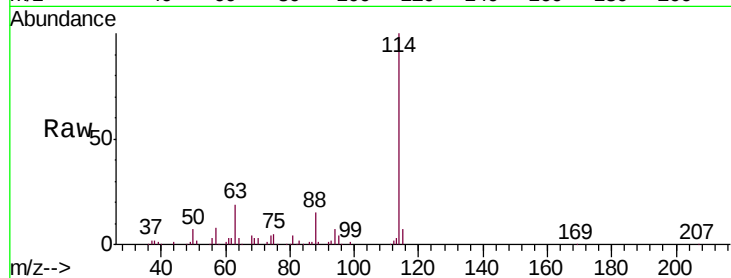
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

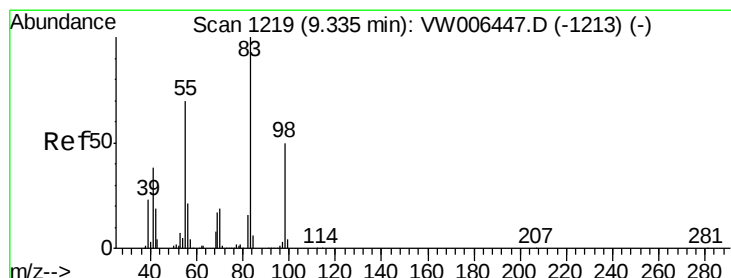
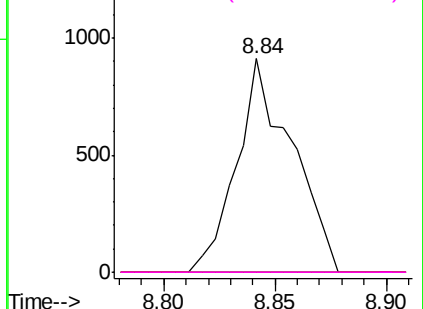


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.623 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW006457.D

Acq: 29 Oct 2018 15:58

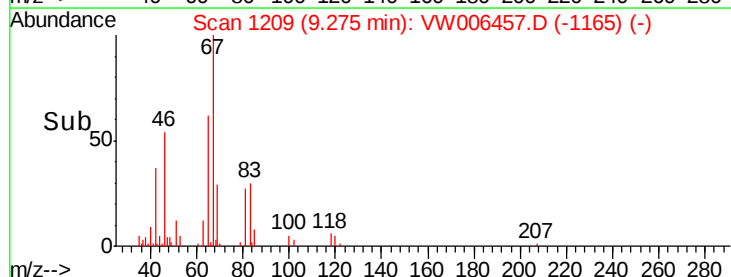
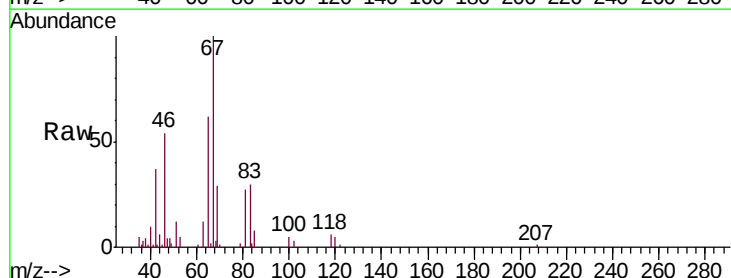
Tgt Ion: 83 Resp: 4404

Ion Ratio Lower Upper

83 100

55 0.0 57.1 85.7#

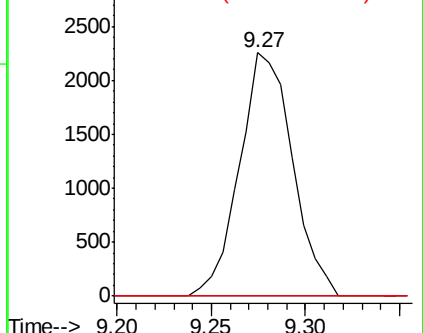
98 0.0 38.9 58.3#

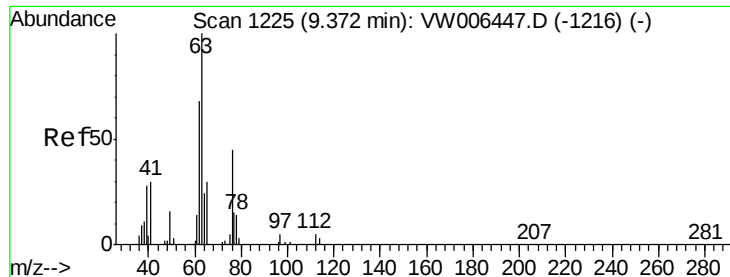


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.214 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006457.D

Acq: 29 Oct 2018 15:58

Instrument :

MSVOA_W

ClientSampled :

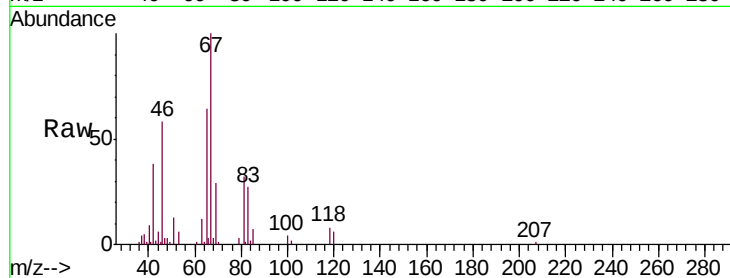
A40J0

Tgt Ion: 63 Resp: 1880

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW

9.28

1000

800

600

400

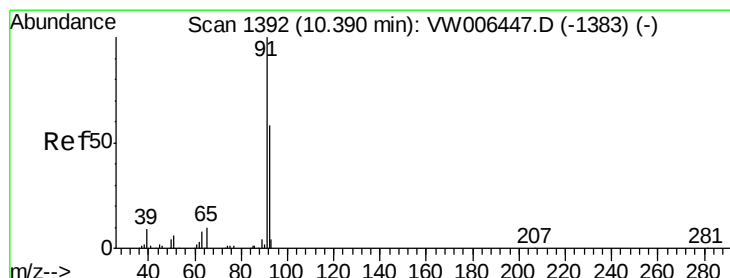
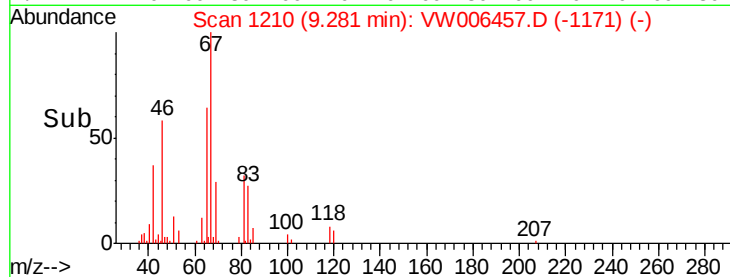
200

0

9.25

9.30

Time-->



#44

Toluene

Concen: 0.271 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006457.D

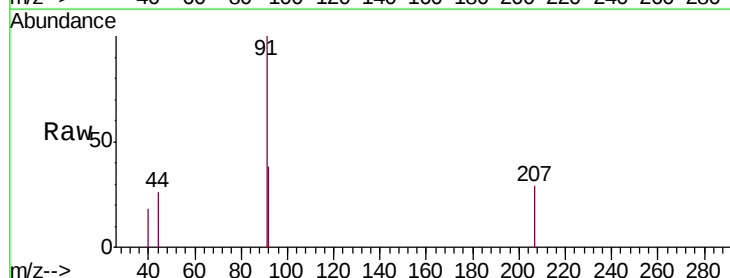
Acq: 29 Oct 2018 15:58

Tgt Ion: 91 Resp: 718

Ion Ratio Lower Upper

91 100

92 37.6 40.4 75.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.39

500

400

300

200

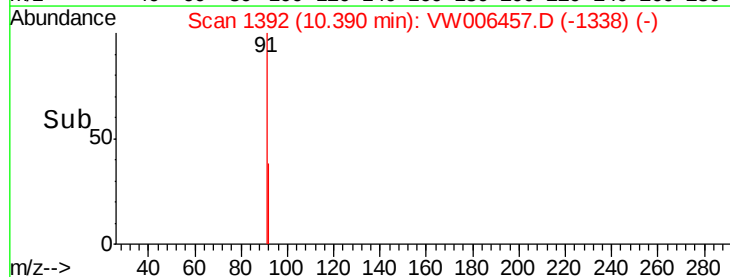
100

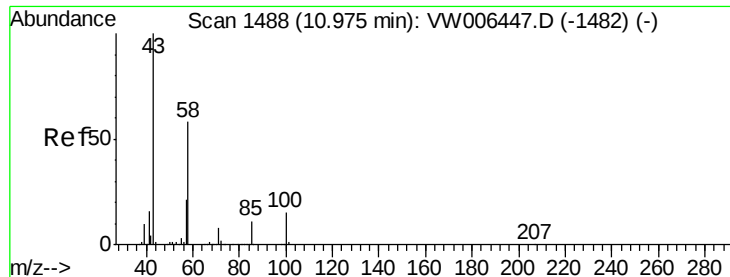
0

10.35

10.40

Time-->

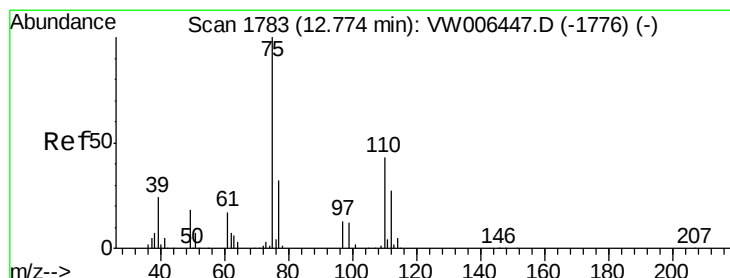
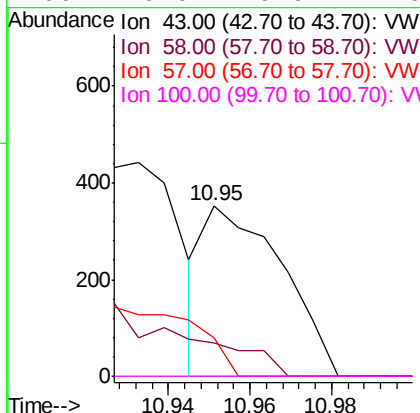
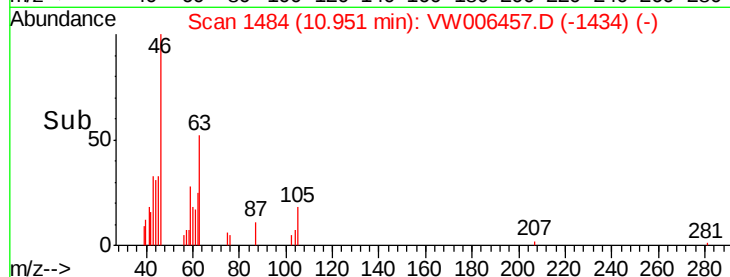
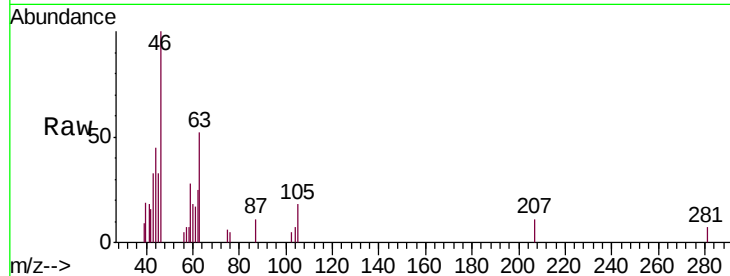




#49
2-Hexanone
Concen: 1.358 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW006457.D
Acq: 29 Oct 2018 15:58

Instrument :
MSVOA_W
ClientSampled :
A40J0

Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
58 0.0 42.1 63.1#
57 0.0 15.1 22.7#
100 0.0 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 4.125 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW006457.D
Acq: 29 Oct 2018 15:58

Tgt Ion: 75 Resp: 1948
Ion Ratio Lower Upper
75 100
77 43.4 25.9 38.9#

