

Data File : VW006456.D
Acq On : 29 Oct 2018 15:32
Operator : SY/AP
Sample : J5705-09
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40H9

Quant Time: Oct 30 04:57:31 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	370730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	149042	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	70119	16.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.08%
7) Chloroethane-d5	2.90	69	76518	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	4.01	63	116734	14.54	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.16%
20) 2-Butanone-d5	7.09	46	62119	44.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.64%
24) Chloroform-d	7.65	84	195831	24.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	8.31	65	116190	26.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.60%
29) Benzene-d6	8.28	84	373163	24.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.44%
33) 1,2-Dichloropropane-d6	9.28	67	114960	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
37) Toluene-d8	10.33	98	355829	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	10.58	79	44183	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.68%
39) 2-Hexanone-d5	10.93	63	46853	41.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.88%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	117776	26.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	127926	25.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.16%

Target Compounds

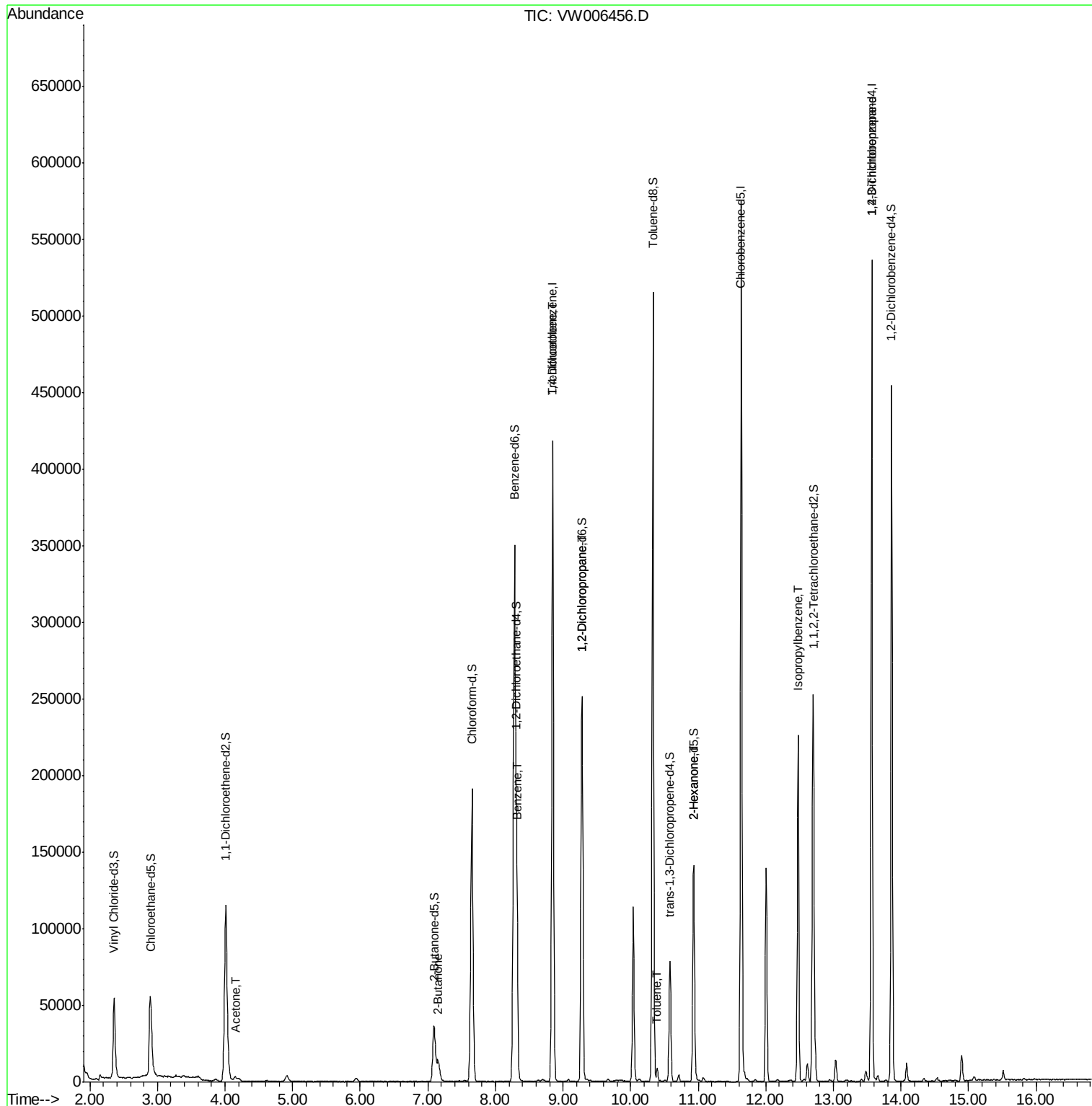
					Qvalue
13) Acetone	4.15	43	3489	2.492 ug/L	75
21) 2-Butanone	7.15	43	909	0.489 ug/L #	59
34) Benzene	8.32	78	6238	0.360 ug/L	100
35) Trichloroethene	8.85	95	10662	2.188 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	13063	3.040 ug/L #	87
44) Toluene	10.39	91	6395	0.329 ug/L	94
49) 2-Hexanone	10.93	43	8291	3.268 ug/L #	66
57) Isopropylbenzene	12.48	105	10213	0.433 ug/L #	1
59) 1,2,3-Trichloropropane	13.57	75	14867	4.286 ug/L	88

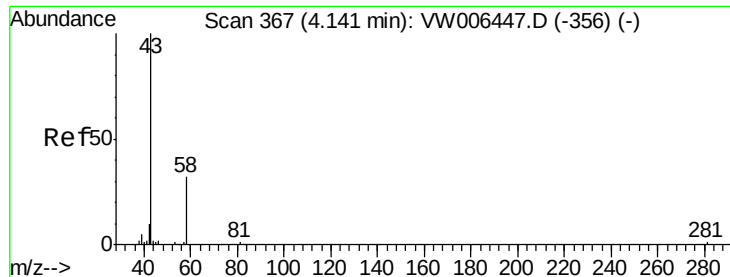
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.492 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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Acq: 29 Oct 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

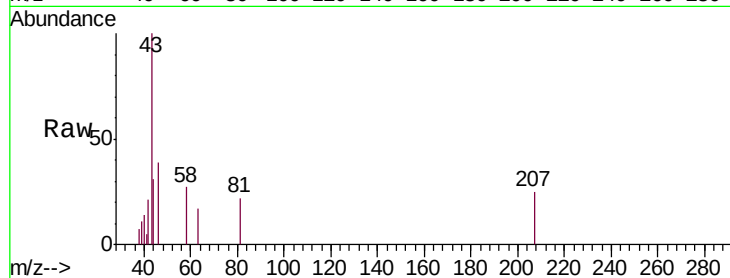
A40H9

Tgt Ion: 43 Resp: 3489

Ion Ratio Lower Upper

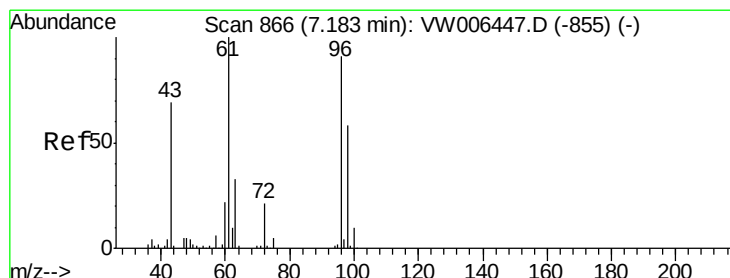
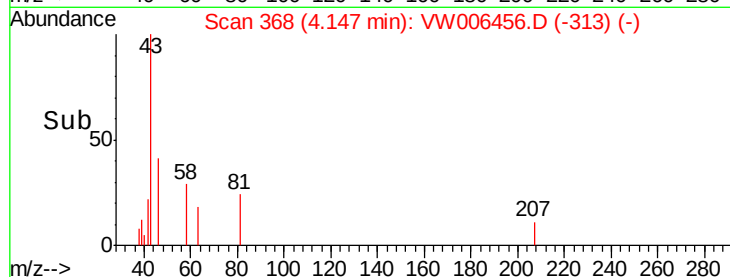
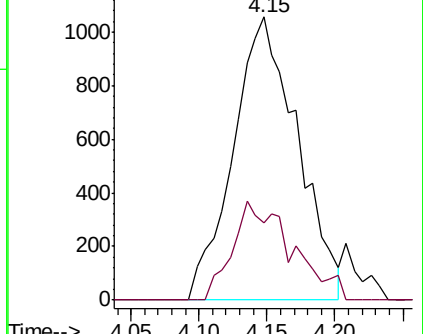
43 100

58 16.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 0.489 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006456.D

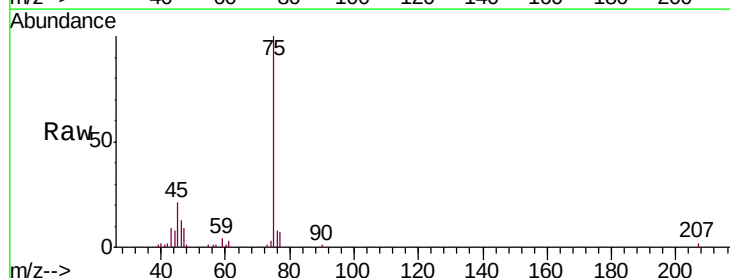
Acq: 29 Oct 2018 15:32

Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

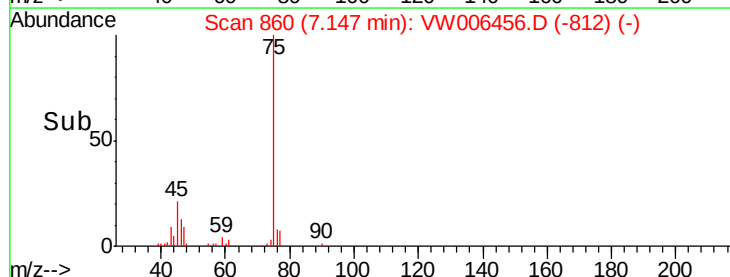
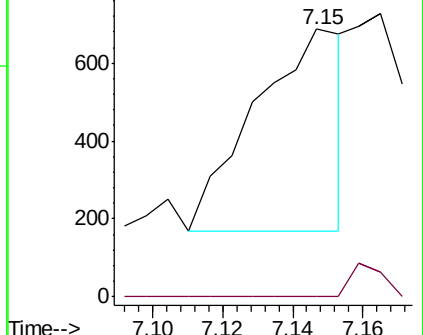
43 100

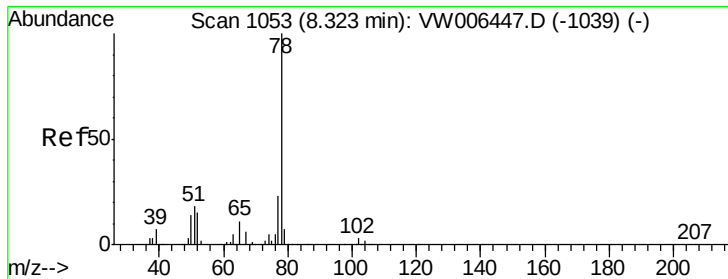
72 6.1 13.8 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

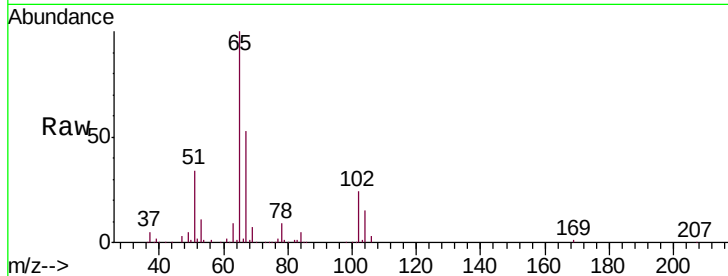




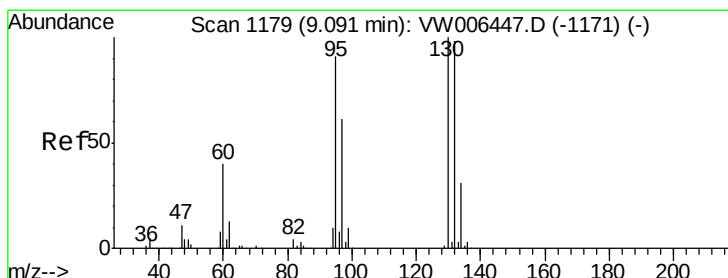
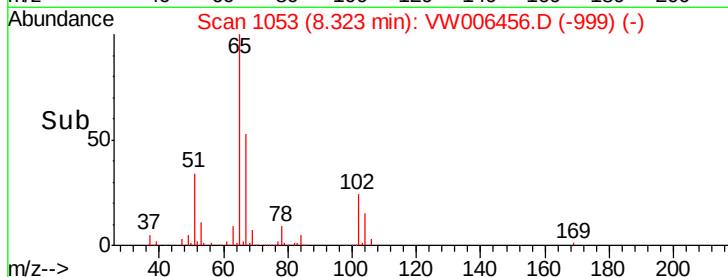
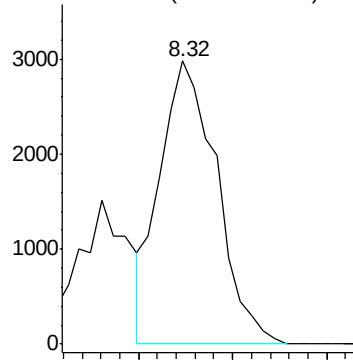
#34
Benzene
Concen: 0.360 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW006456.D
Acq: 29 Oct 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
A40H9

Tgt Ion: 78 Resp: 6238

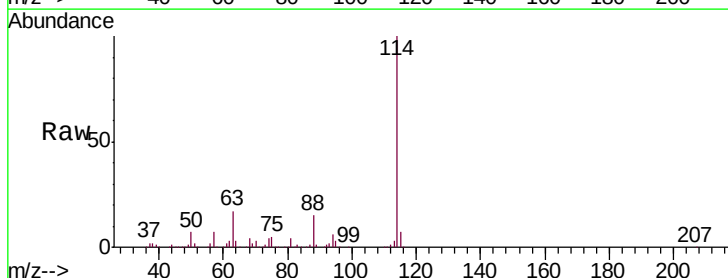


Abundance Ion 78.00 (77.70 to 78.70): VW



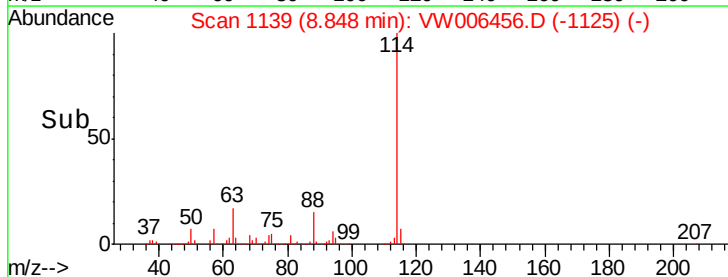
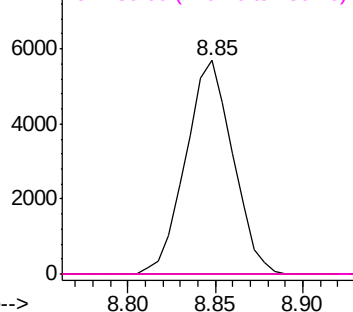
#35
Trichloroethene
Concen: 2.188 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW006456.D
Acq: 29 Oct 2018 15:32

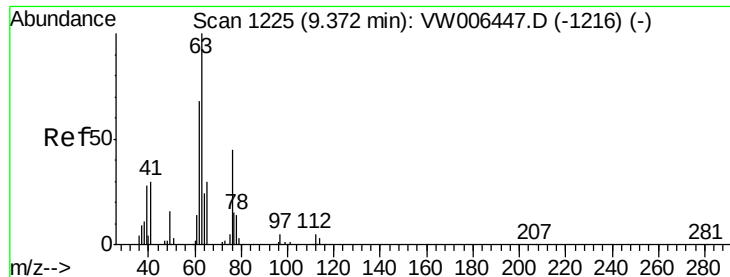
Tgt Ion: 95 Resp: 10662
Ion Ratio Lower Upper
95 100
97 0.0 45.8 85.0#
132 0.0 72.9 135.3#
130 0.0 75.8 140.8#



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): V
Ion 130.00 (129.70 to 130.70): V





#40

1,2-Dichloropropane

Concen: 3.040 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006456.D

Acq: 29 Oct 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

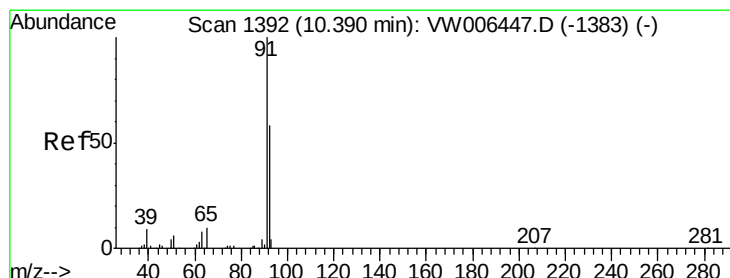
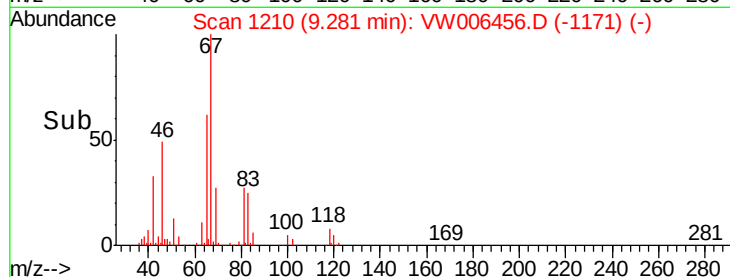
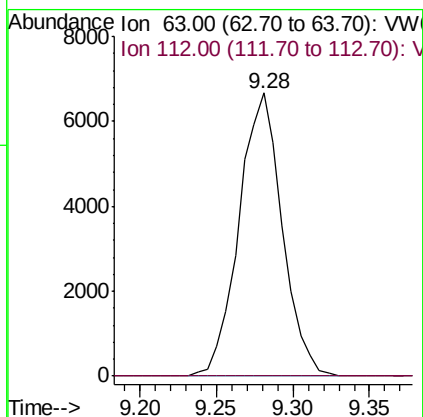
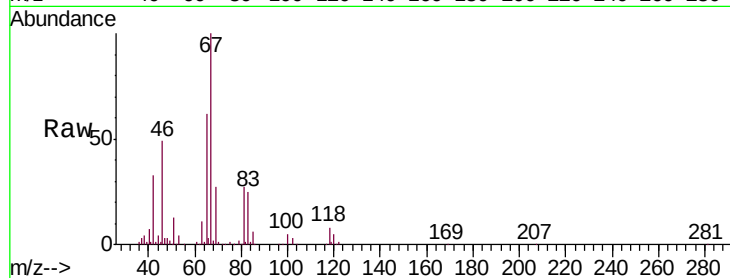
A40H9

Tgt Ion: 63 Resp: 13063

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#44

Toluene

Concen: 0.329 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006456.D

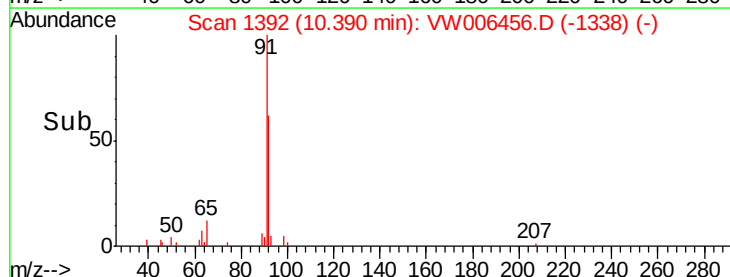
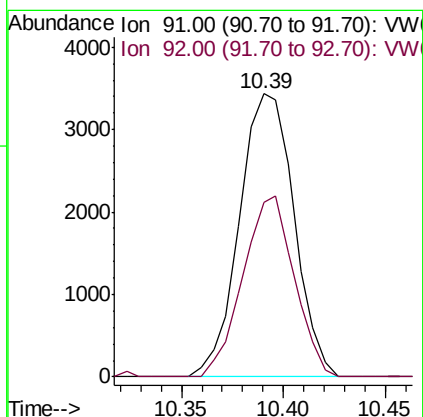
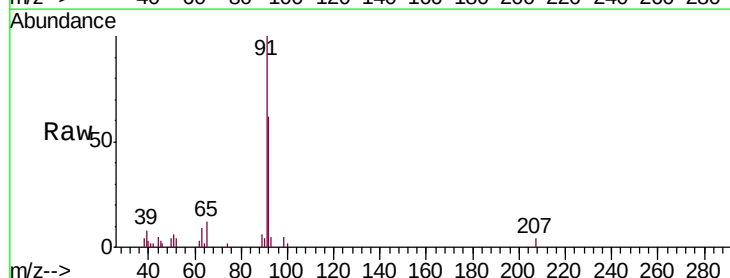
Acq: 29 Oct 2018 15:32

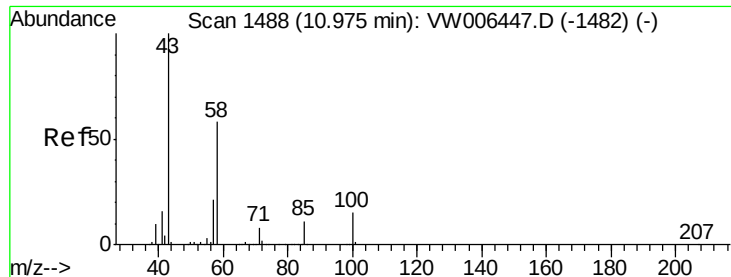
Tgt Ion: 91 Resp: 6395

Ion Ratio Lower Upper

91 100

92 61.9 40.4 75.0

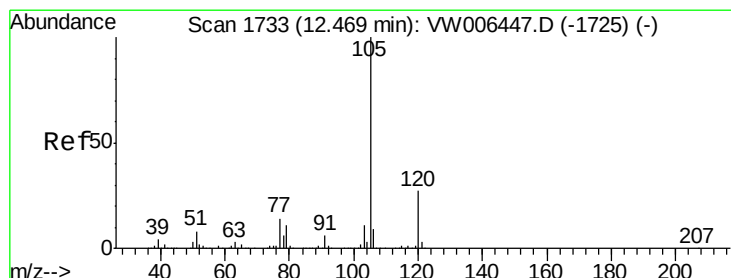
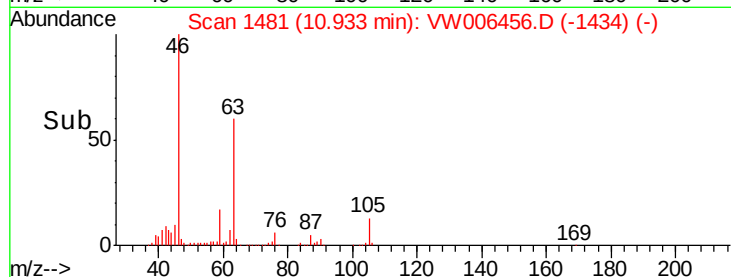
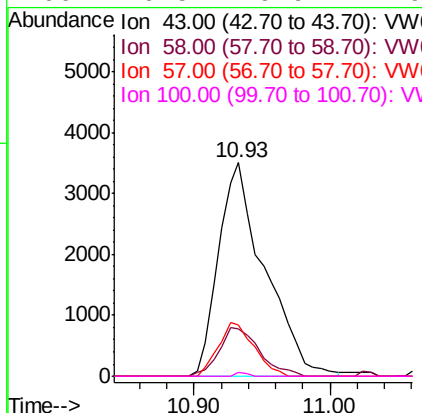
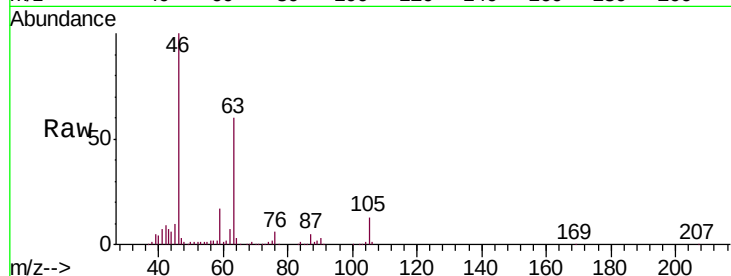




#49
2-Hexanone
Concen: 3.268 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW006456.D
Acq: 29 Oct 2018 15:32

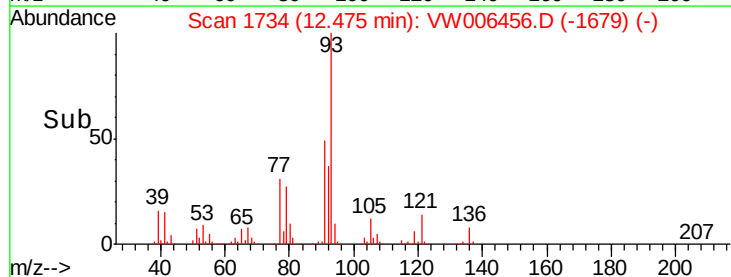
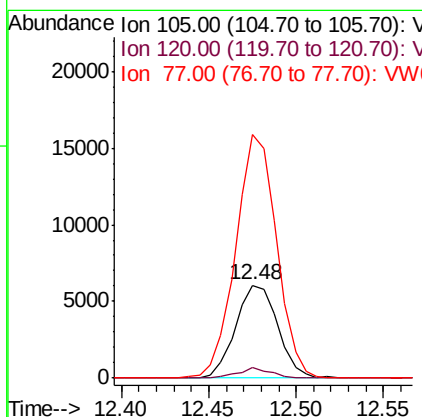
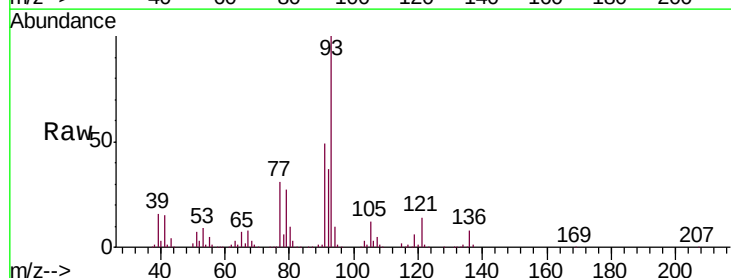
Instrument :
MSVOA_W
ClientSampled :
A40H9

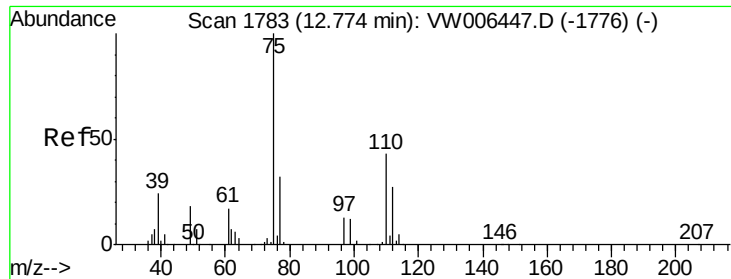
Tgt Ion: 43 Resp: 8291
Ion Ratio Lower Upper
43 100
58 19.9 42.1 63.1#
57 19.5 15.1 22.7
100 0.5 9.9 14.9#



#57
Isopropylbenzene
Concen: 0.433 ug/L
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW006456.D
Acq: 29 Oct 2018 15:32

Tgt Ion: 105 Resp: 10213
Ion Ratio Lower Upper
105 100
120 8.7 21.8 32.6#
77 253.1 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 4.286 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006456.D

Acq: 29 Oct 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

A40H9

Tgt Ion: 75 Resp: 14867

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9

