

Data File : VW006941.D
Acq On : 19 Nov 2018 12:58
Operator : SY/AP
Sample : J5979-03MS
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETO65MS

Quant Time: Nov 20 06:21:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 20 06:18:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	143829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	126154	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	46513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	28563	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
7) Chloroethane-d5	2.89	69	22738	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.03	63	78510	23.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.08%
20) 2-Butanone-d5	7.09	46	26853	38.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.32%
24) Chloroform-d	7.65	84	76596	24.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.24%
26) 1,2-Dichloroethane-d4	8.31	65	48336	26.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.60%
29) Benzene-d6	8.28	84	158920	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	9.28	67	49793	24.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.68%
37) Toluene-d8	10.33	98	155553	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	10.58	79	19946	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.00%
39) 2-Hexanone-d5	10.93	63	20010	39.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37460	21.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	39279	22.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.20%

Target Compounds

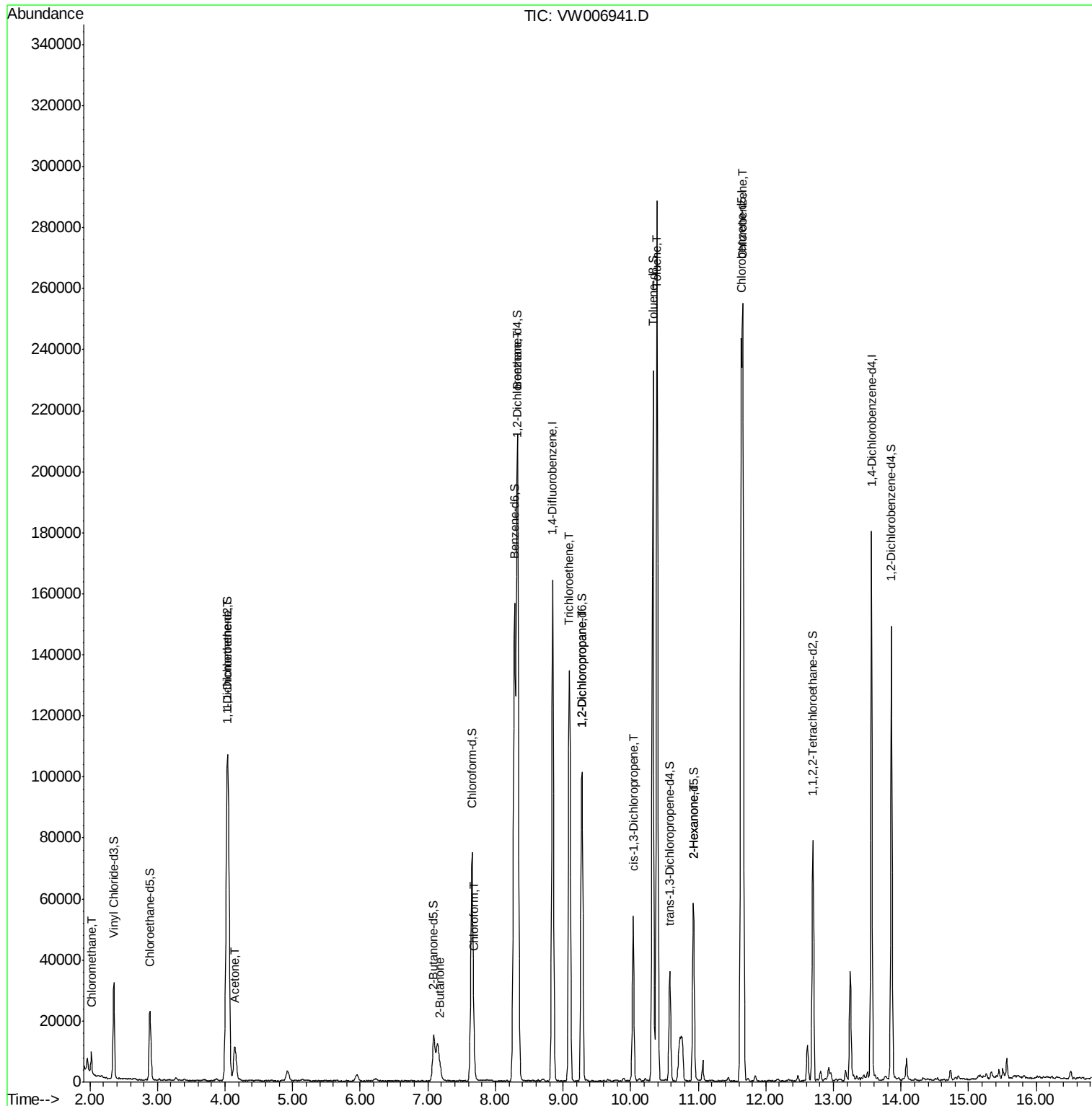
					Qvalue
3) Chloromethane	2.02	50	433	0.277 ug/L	85
12) 1,1-Dichloroethene	4.04	96	41125	25.028 ug/L	95
13) Acetone	4.14	43	20849	45.988 ug/L	99
21) 2-Butanone	7.18	43	6529	8.347 ug/L	95
25) Chloroform	7.68	83	3525	0.996 ug/L #	67
34) Benzene	8.33	78	185497	26.293 ug/L	100
35) Trichloroethene	9.10	95	49348	25.681 ug/L	99
40) 1,2-Dichloropropane	9.28	63	5425	3.121 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1377	0.525 ug/L	84
44) Toluene	10.39	91	211436	26.174 ug/L	98
49) 2-Hexanone	10.93	43	3056	3.031 ug/L #	62
52) Chlorobenzene	11.66	112	127714	25.136 ug/L	99

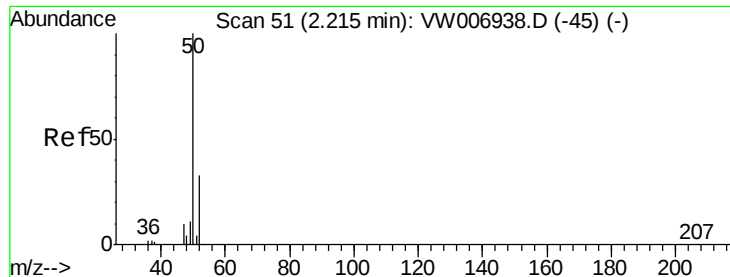
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 20 06:18:45 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.277 ug/L

RT: 2.02 min Scan# 19

Delta R.T. -0.20 min

Lab File: VW006941.D

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Instrument :

MSVOA_W

ClientSampleId :

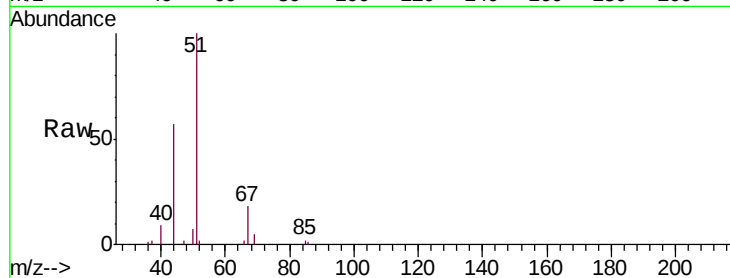
ETO65MS

Tgt Ion: 50 Resp: 433

Ion Ratio Lower Upper

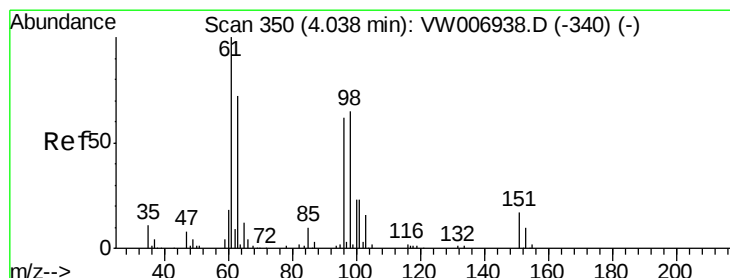
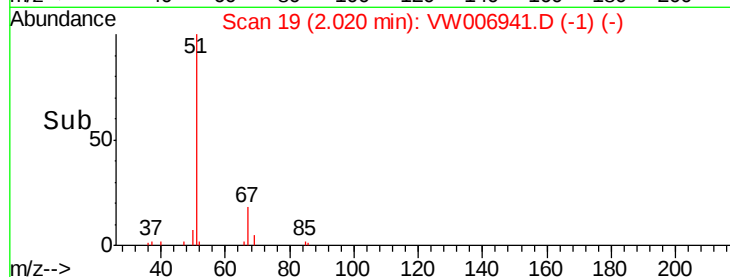
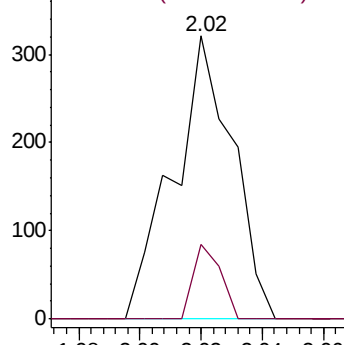
50 100

52 26.5 24.4 45.4



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW



#12

1,1-Dichloroethene

Concen: 25.028 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW006941.D

Acq: 19 Nov 2018 12:58

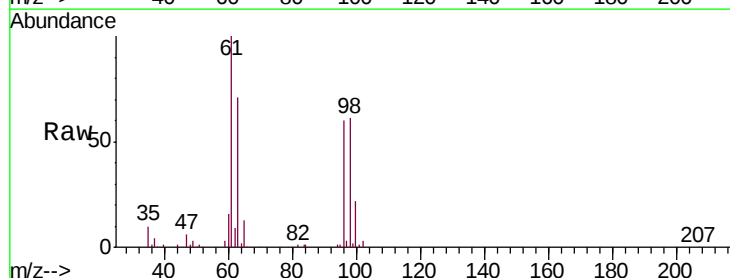
Tgt Ion: 96 Resp: 41125

Ion Ratio Lower Upper

96 100

61 165.7 116.3 215.9

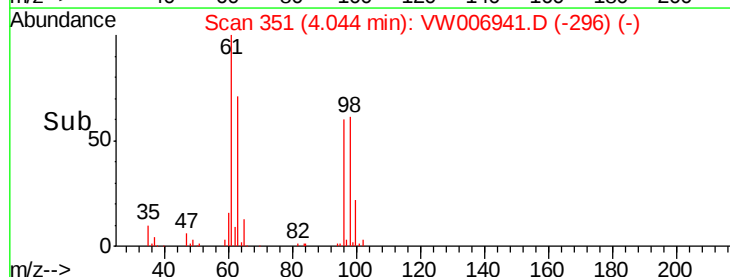
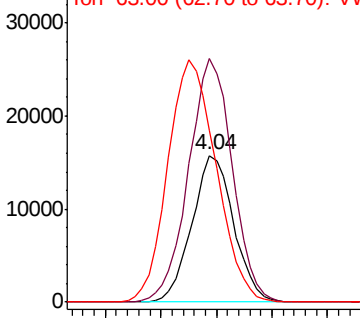
63 117.1 73.4 136.4

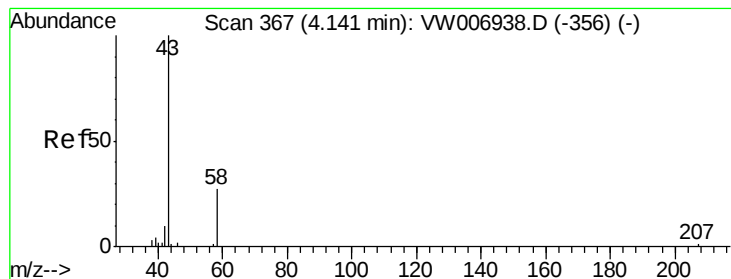


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 45.988 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW006941.D

Acq: 19 Nov 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

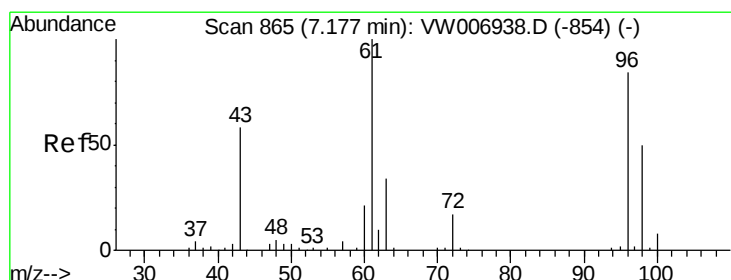
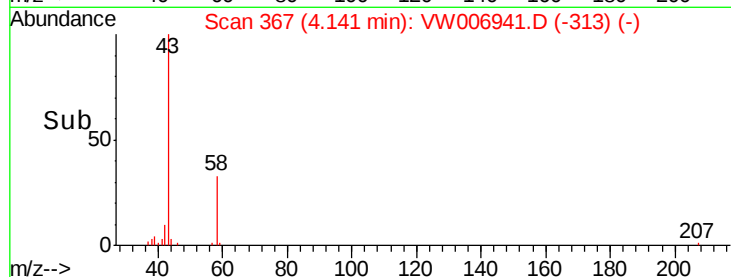
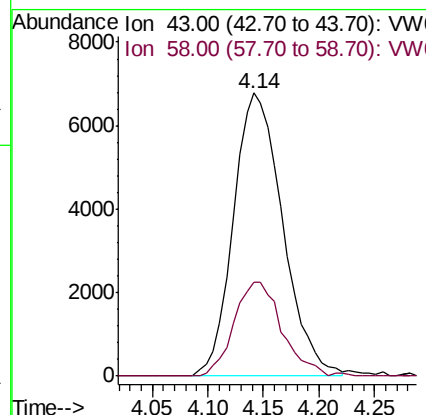
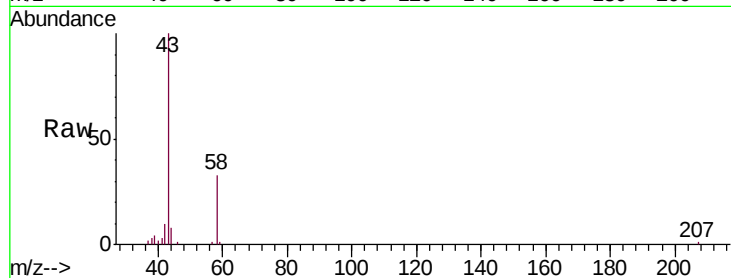
ETO65MS

Tgt Ion: 43 Resp: 20849

Ion Ratio Lower Upper

43 100

58 32.0 0.0 65.6



#21

2-Butanone

Concen: 8.347 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006941.D

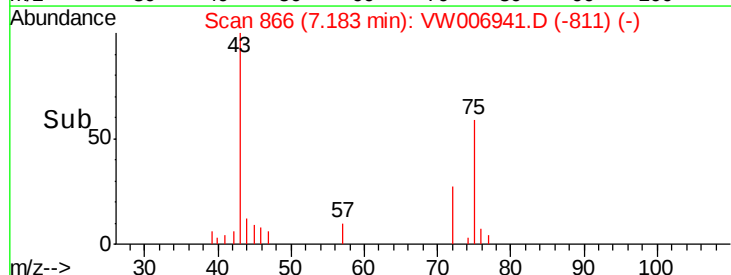
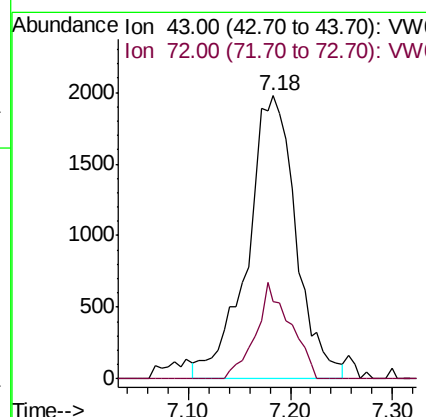
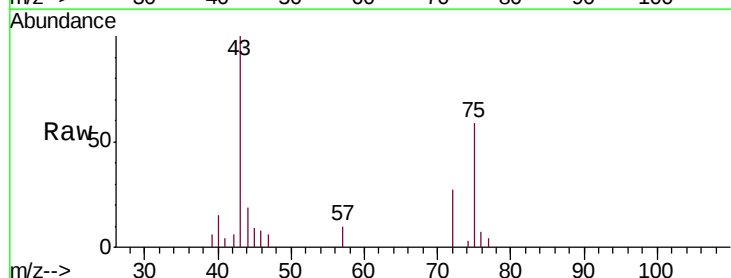
Acq: 19 Nov 2018 12:58

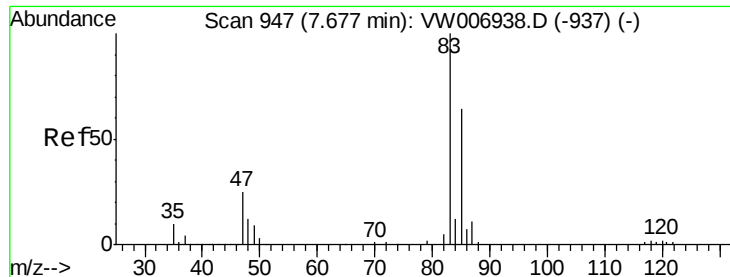
Tgt Ion: 43 Resp: 6529

Ion Ratio Lower Upper

43 100

72 24.3 13.5 40.5

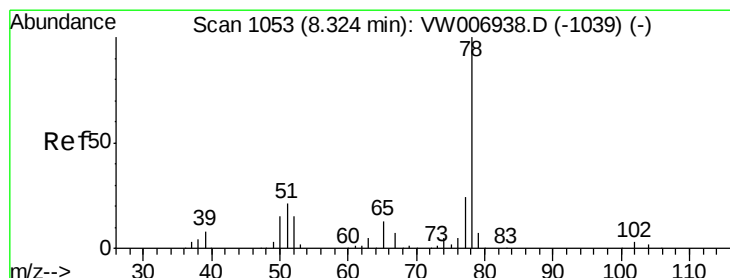
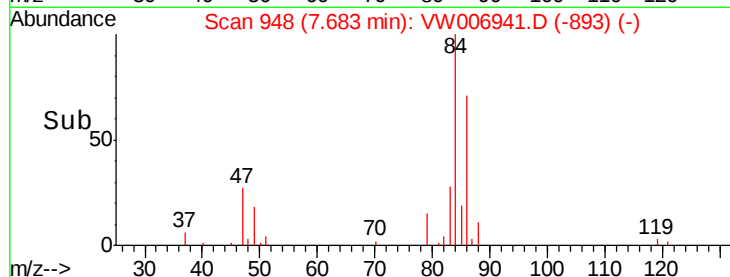
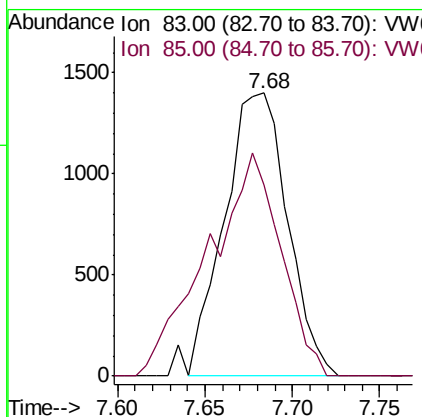
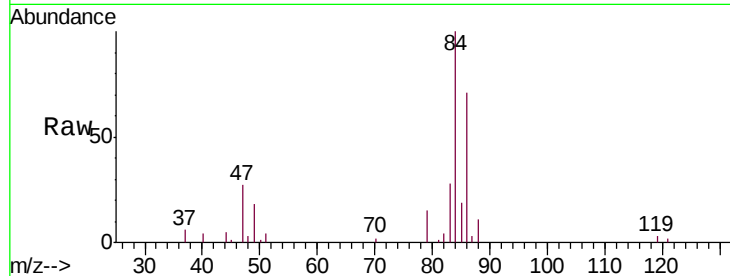




#25
Chloroform
Concen: 0.996 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006941.D
Acq: 19 Nov 2018 12:58

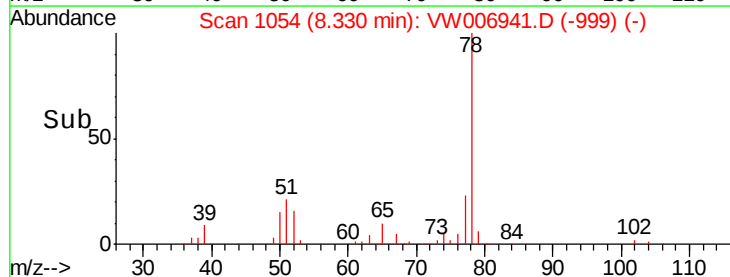
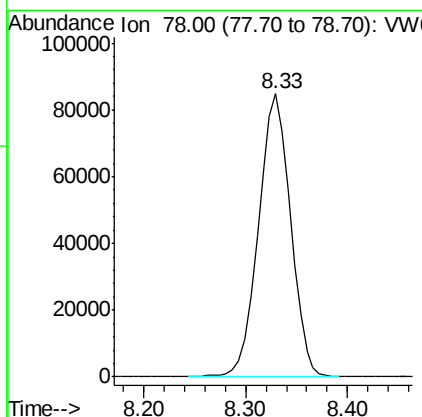
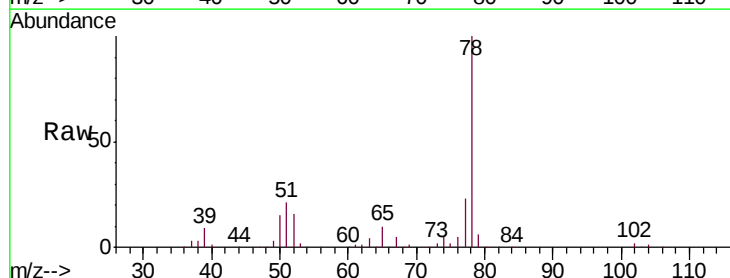
Instrument :
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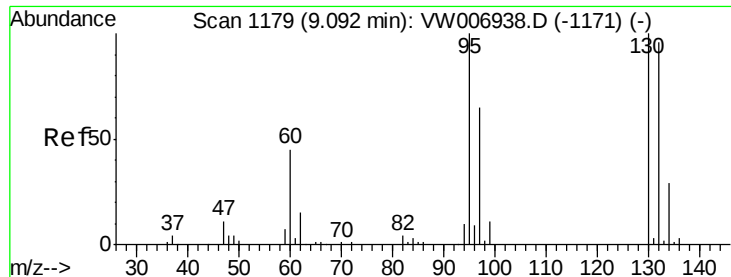
Tgt Ion: 83 Resp: 3525
Ion Ratio Lower Upper
83 100
85 91.1 45.4 84.2#



#34
Benzene
Concen: 26.293 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW006941.D
Acq: 19 Nov 2018 12:58

Tgt Ion: 78 Resp: 185497





#35

Trichloroethene

Concen: 25.681 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006941.D

Acq: 19 Nov 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

ETO65MS

Tgt Ion: 95 Resp: 49348

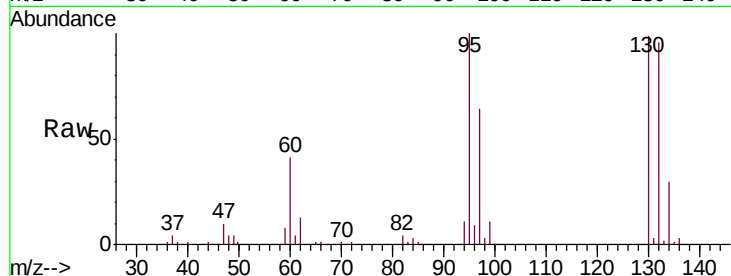
Ion Ratio Lower Upper

95 100

97 64.2 45.1 83.9

132 95.6 65.7 121.9

130 99.2 68.7 127.7

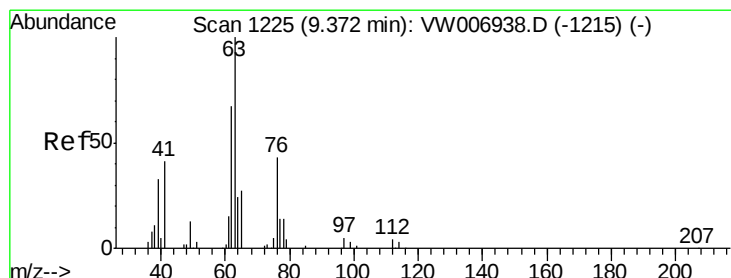
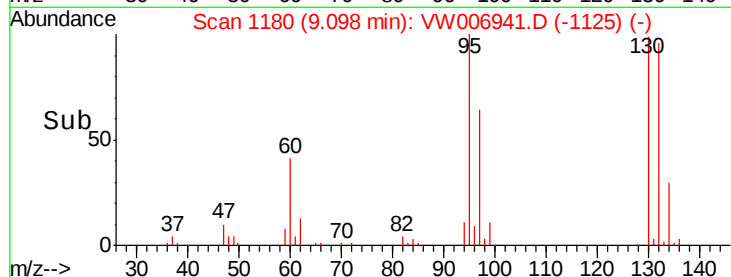
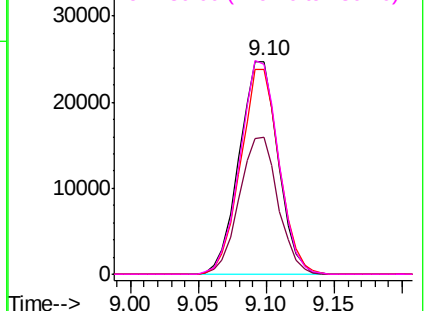


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.121 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006941.D

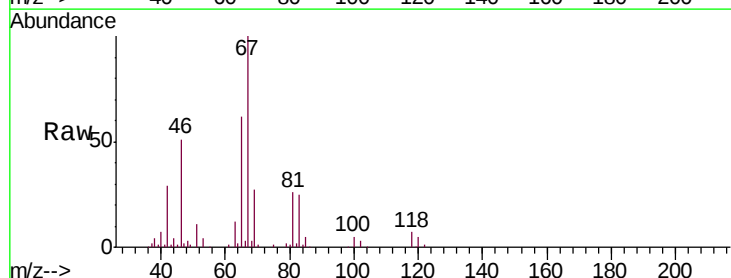
Acq: 19 Nov 2018 12:58

Tgt Ion: 63 Resp: 5425

Ion Ratio Lower Upper

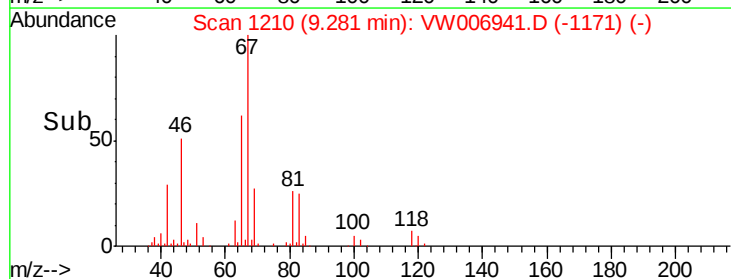
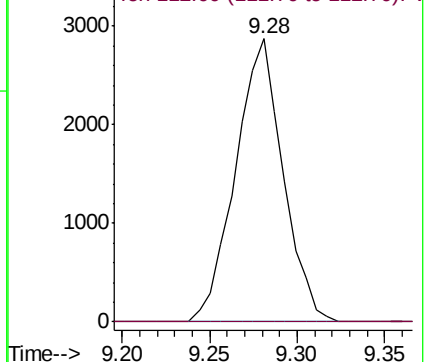
63 100

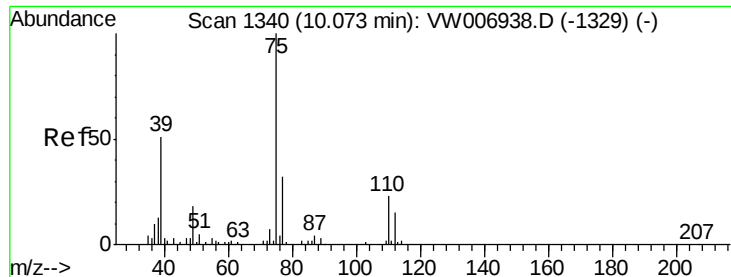
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.525 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW006941.D

Acq: 19 Nov 2018 12:58

Instrument :

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ClientSampleId :

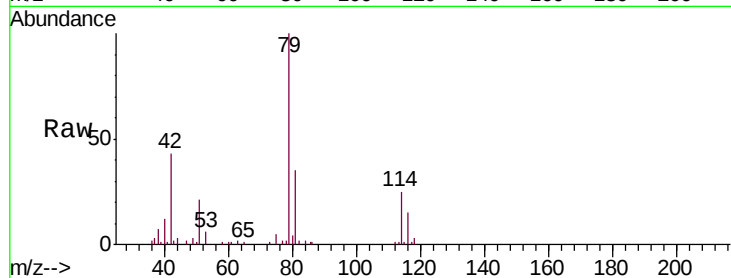
ETO65MS

Tgt Ion: 75 Resp: 1377

Ion Ratio Lower Upper

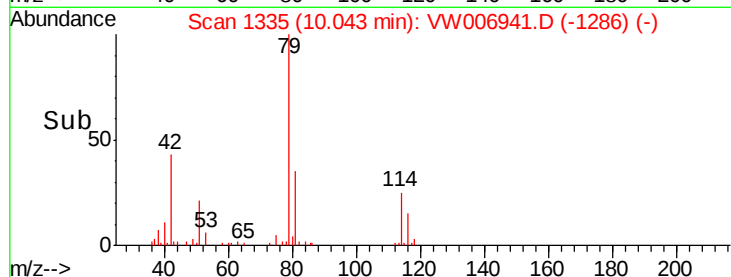
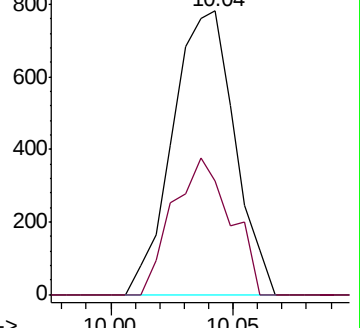
75 100

77 40.0 21.9 40.7

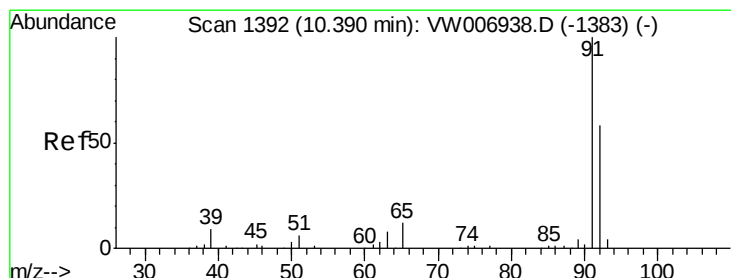


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->



#44

Toluene

Concen: 26.174 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006941.D

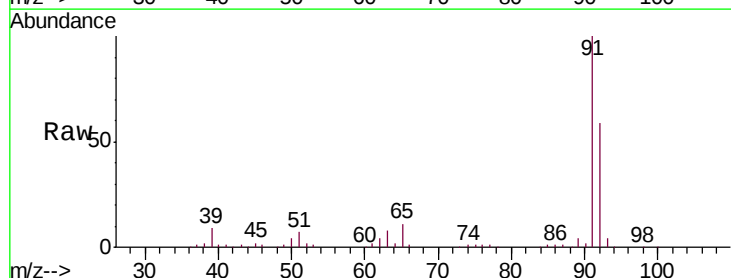
Acq: 19 Nov 2018 12:58

Tgt Ion: 91 Resp: 211436

Ion Ratio Lower Upper

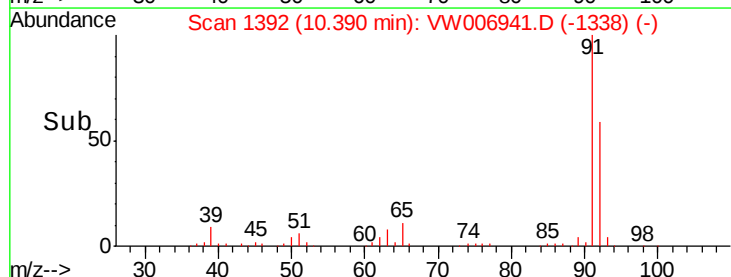
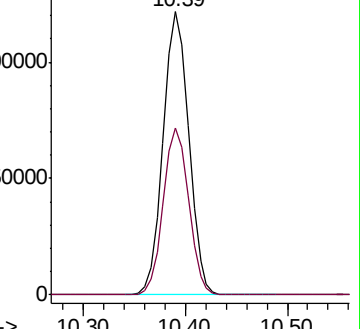
91 100

92 59.0 40.5 75.3

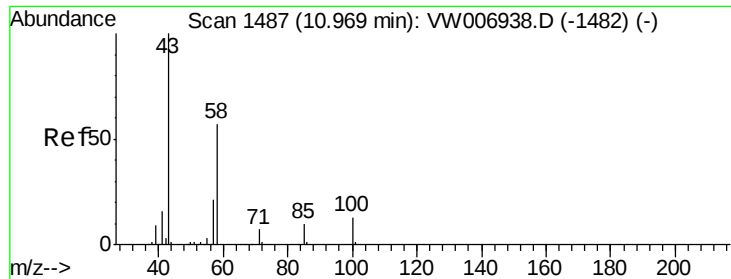


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



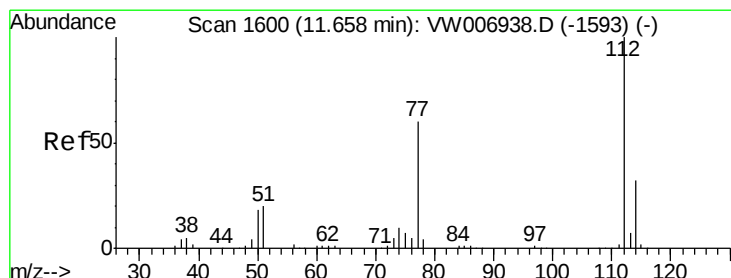
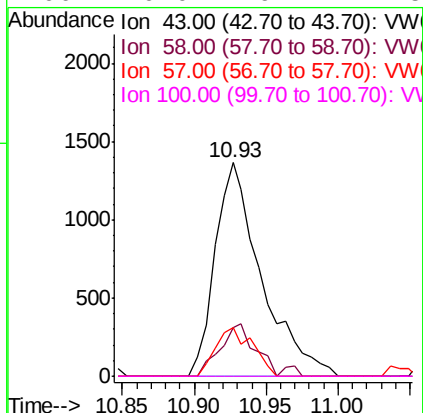
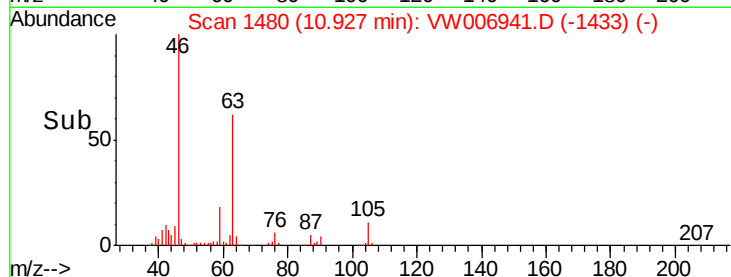
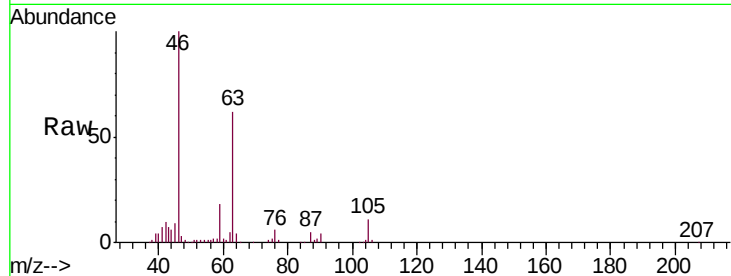
Time-->



#49
2-Hexanone
Concen: 3.031 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW006941.D
Acq: 19 Nov 2018 12:58

Instrument :
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ClientSampleId :
ETO65MS

Tgt Ion: 43 Resp: 3056
Ion Ratio Lower Upper
43 100
58 18.6 44.6 67.0#
57 18.3 16.0 24.0
100 0.0 9.7 14.5#



#52
Chlorobenzene
Concen: 25.136 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006941.D
Acq: 19 Nov 2018 12:58

Tgt Ion: 112 Resp: 127714
Ion Ratio Lower Upper
112 100
77 59.2 47.8 71.8
114 31.2 22.3 41.5

