

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004950.D
 Acq On : 24 Aug 2018 21:52
 Operator : SY/AP
 Sample : J4647-03MSD
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB69MSD

Quant Time: Aug 25 01:35:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 01:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	545056	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	583295	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	241433	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	231998	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
7) Chloroethane-d5	2.89	69	180978	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
10) 1,1-Dichloroethene-d2	4.03	63	302969	23.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.12%
20) 2-Butanone-d5	7.09	46	134746	64.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.52%
24) Chloroform-d	7.65	84	287014	23.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	8.31	65	178157	27.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.40%
29) Benzene-d6	8.28	84	686270	22.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.48%
33) 1,2-Dichloropropane-d6	9.28	67	209948	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
37) Toluene-d8	10.33	98	719184	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.52%
38) trans-1,3-Dichloropropene-	10.58	79	91562	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.93	63	143499	65.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.40%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	242419	27.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	255021	26.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.20%

Target Compounds

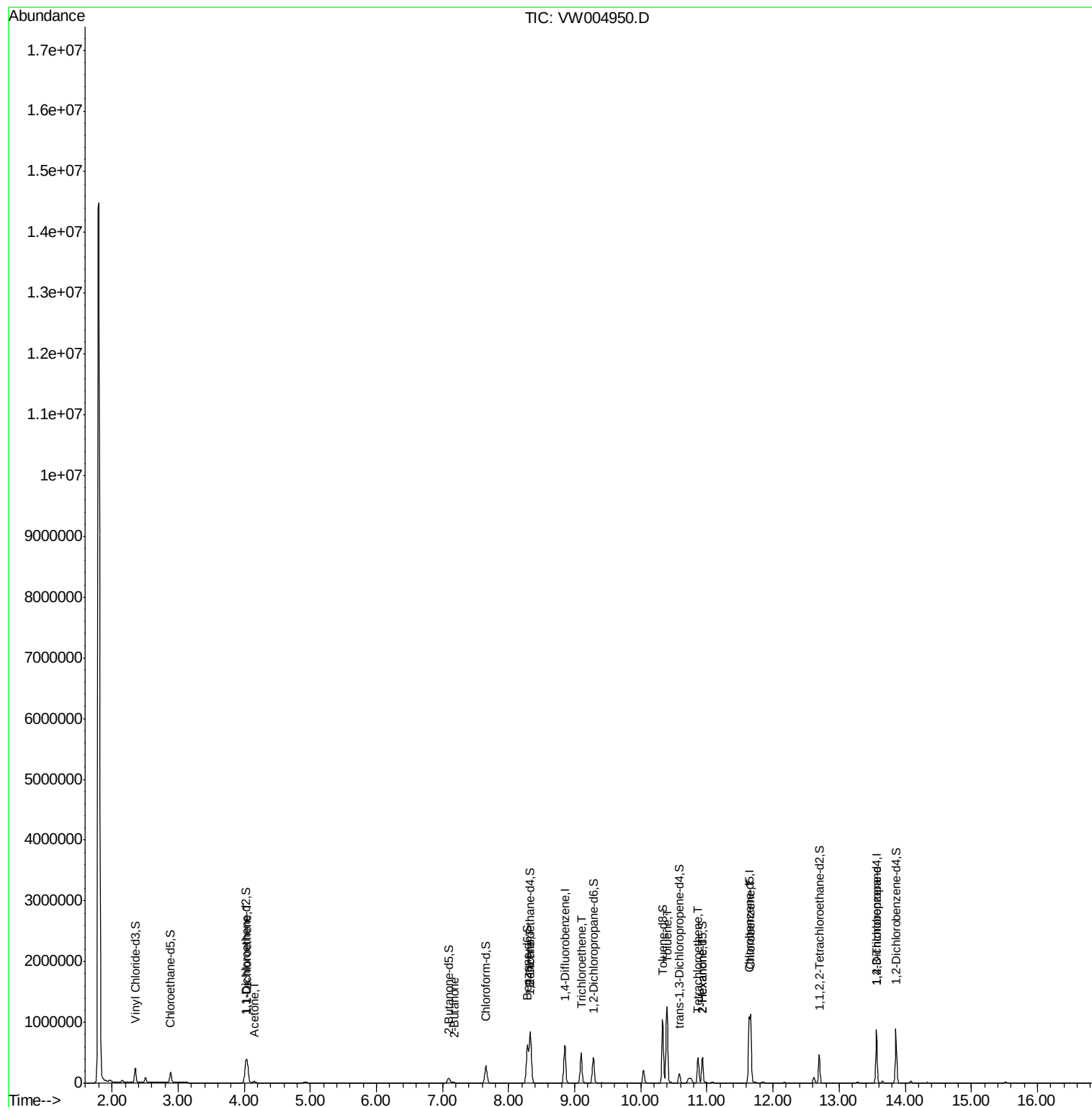
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	150678	23.745	ug/L	92
13) Acetone	4.15	43	44481	27.389	ug/L	96
21) 2-Butanone	7.18	43	6621	2.648	ug/L	99
34) Benzene	8.33	78	763936	22.970	ug/L	100
35) Trichloroethene	9.10	95	178159	21.543	ug/L	98
44) Toluene	10.40	91	980225	24.542	ug/L	98
47) Tetrachloroethene	10.87	164	102856	12.704	ug/L	97
49) 2-Hexanone	10.93	43	16368	3.507	ug/L #	67
52) Chlorobenzene	11.66	112	592277	22.323	ug/L	100
59) 1,2,3-Trichloropropane	13.57	75	26975	3.846	ug/L	89

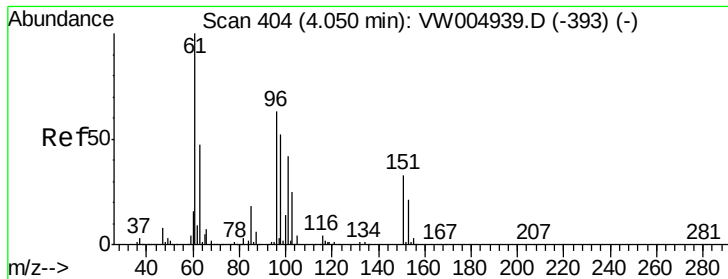
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 25 01:34:01 2018
Response via : Initial Calibration

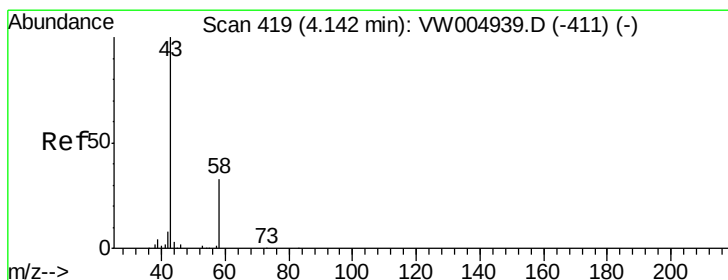
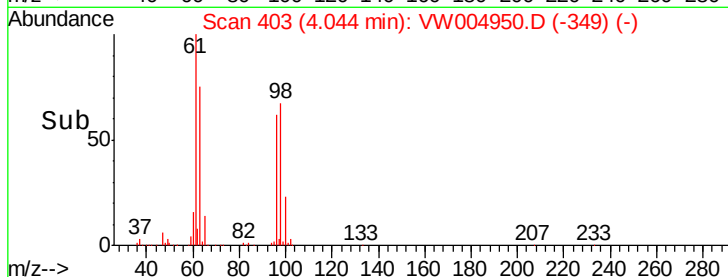
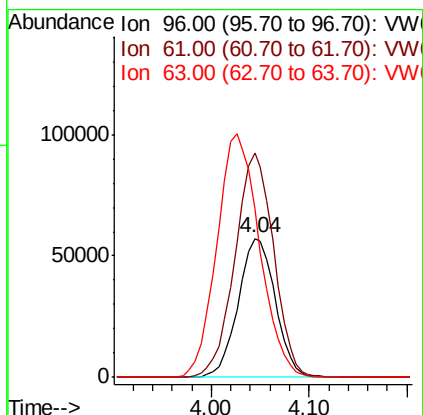
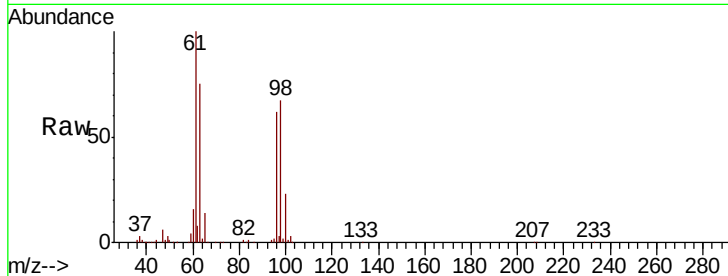




#12
 1,1-Dichloroethene
 Concen: 23.745 ug/L
 RT: 4.04 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VW004950.D
 Acq: 24 Aug 2018 21:52

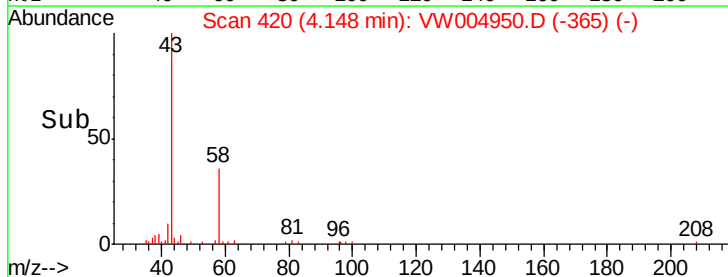
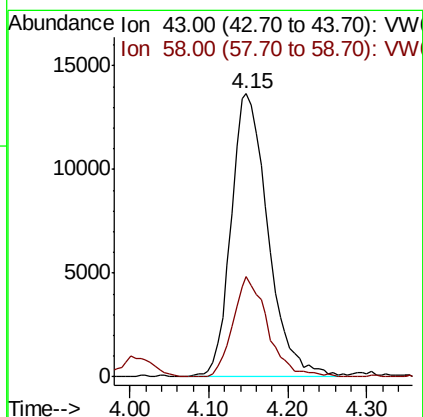
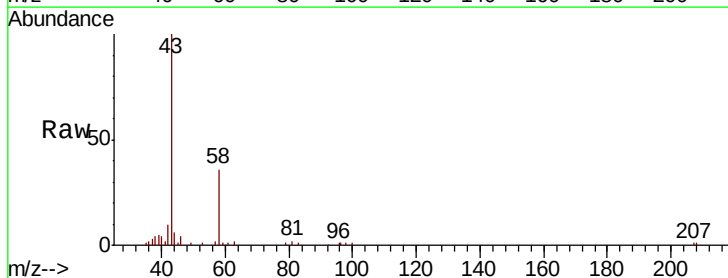
Instrument :
 MSVOA_W
 ClientSampleId :
 GAB69MSD

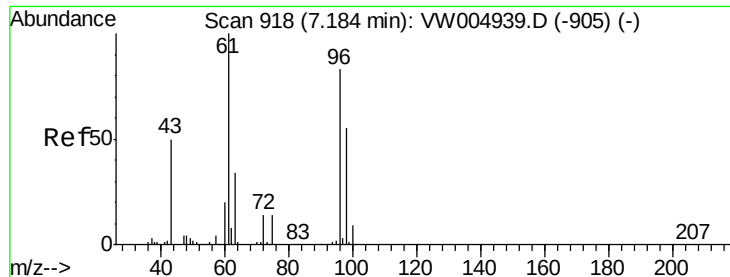
Tgt Ion: 96 Resp: 150678
 Ion Ratio Lower Upper
 96 100
 61 161.9 107.0 198.8
 63 120.6 76.9 142.7



#13
 Acetone
 Concen: 27.389 ug/L
 RT: 4.15 min Scan# 420
 Delta R.T. 0.01 min
 Lab File: VW004950.D
 Acq: 24 Aug 2018 21:52

Tgt Ion: 43 Resp: 44481
 Ion Ratio Lower Upper
 43 100
 58 32.5 0.0 69.4





#21

2-Butanone

Concen: 2.648 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004950.D

Acq: 24 Aug 2018 21:52

Instrument :

MSVOA_W

ClientSampled :

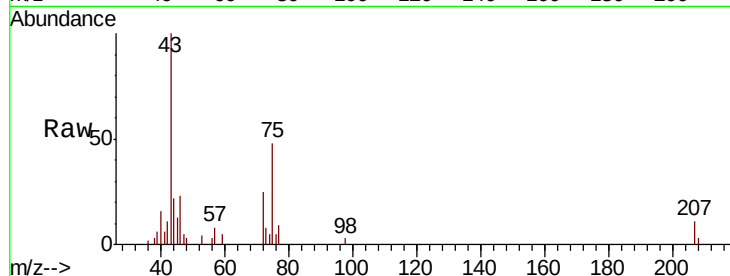
GAB69MSD

Tgt Ion: 43 Resp: 6621

Ion Ratio Lower Upper

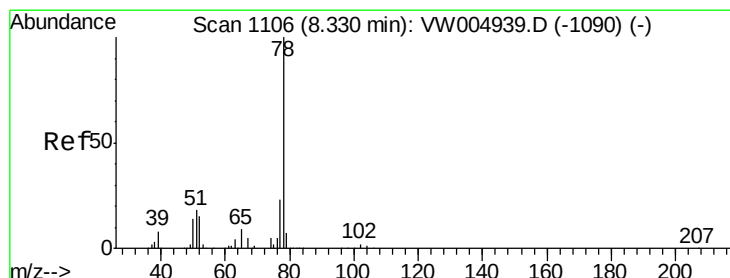
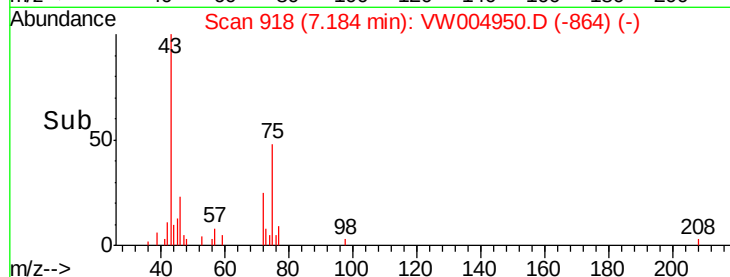
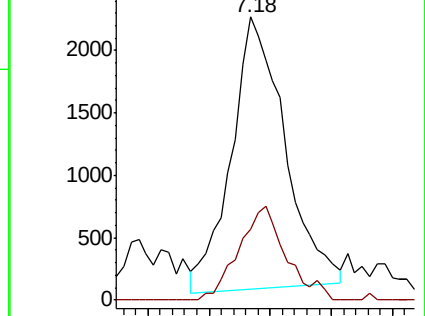
43 100

72 29.2 14.2 42.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#34

Benzene

Concen: 22.970 ug/L

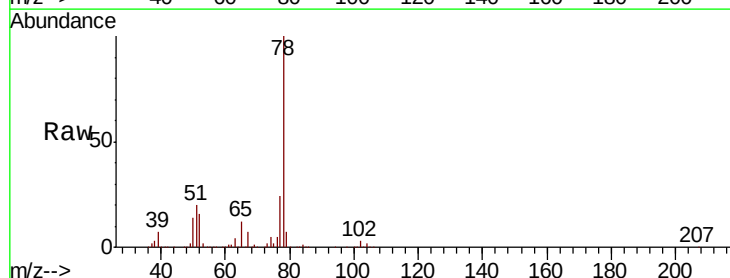
RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW004950.D

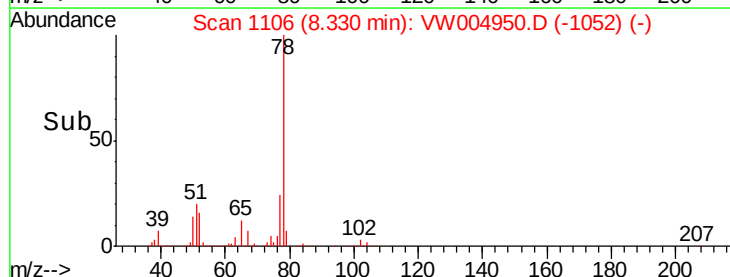
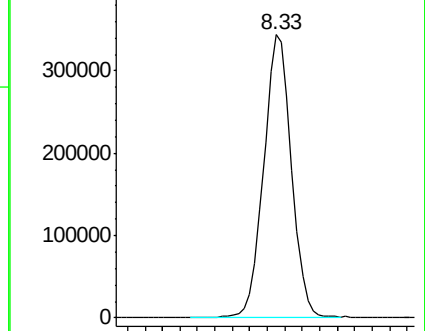
Acq: 24 Aug 2018 21:52

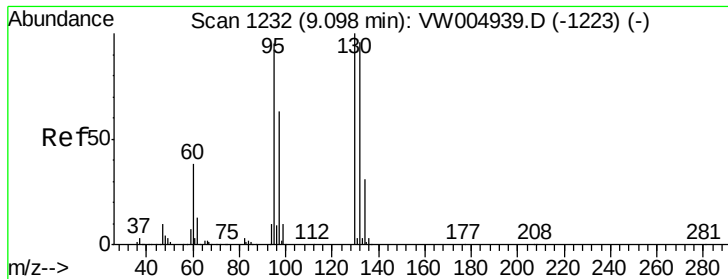
Tgt Ion: 78 Resp: 763936



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 21.543 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW004950.D

Acq: 24 Aug 2018 21:52

Instrument :

MSVOA_W

ClientSampleId :

GAB69MSD

Tgt Ion: 95 Resp: 178159

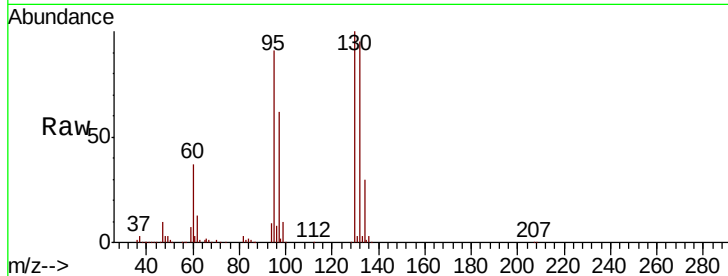
Ion Ratio Lower Upper

95 100

97 65.4 45.9 85.3

132 101.3 69.2 128.4

130 105.5 72.7 135.1

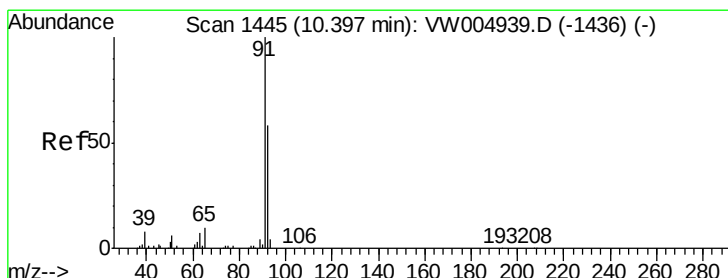
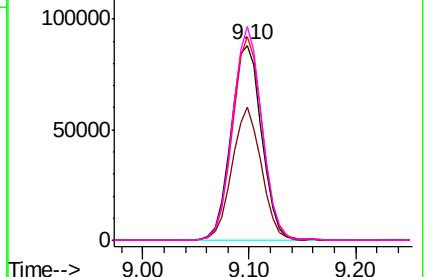
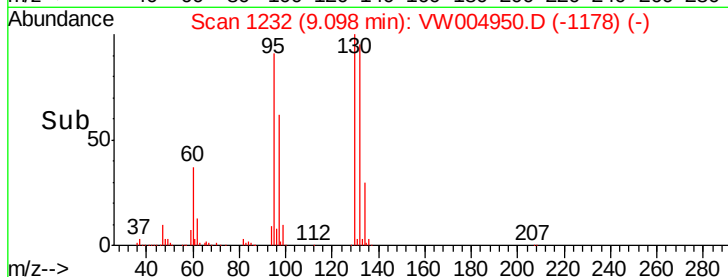


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#44

Toluene

Concen: 24.542 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW004950.D

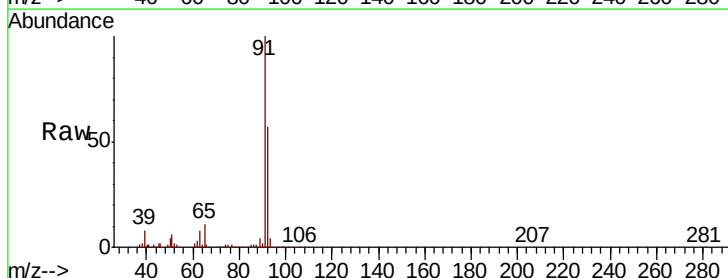
Acq: 24 Aug 2018 21:52

Tgt Ion: 91 Resp: 980225

Ion Ratio Lower Upper

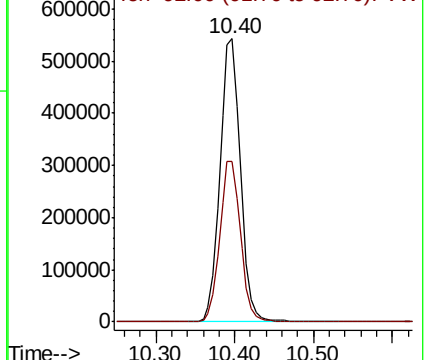
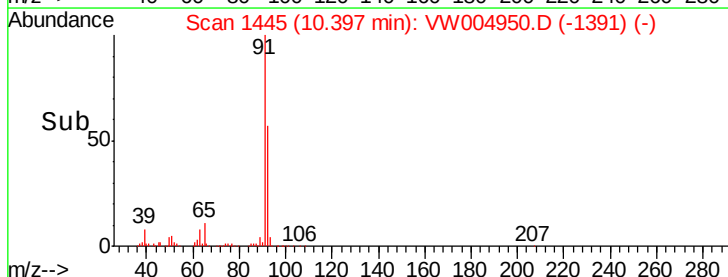
91 100

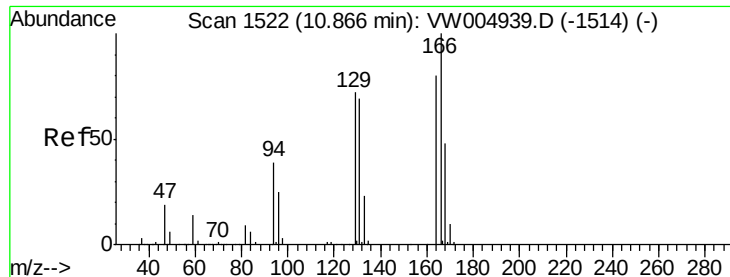
92 56.7 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 12.704 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004950.D

Acq: 24 Aug 2018 21:52

Instrument :

MSVOA_W

ClientSampleId :

GAB69MSD

Tgt Ion:164 Resp: 102856

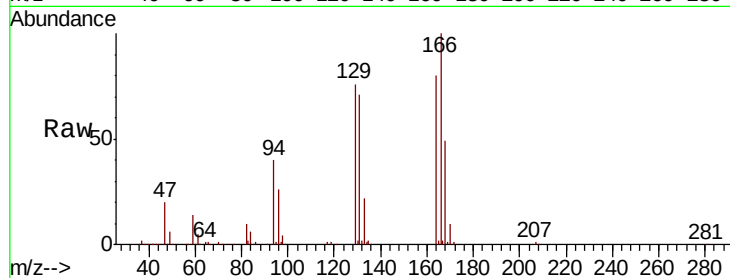
Ion Ratio Lower Upper

164 100

129 94.0 66.8 124.0

131 87.9 64.0 119.0

166 124.4 89.8 166.8

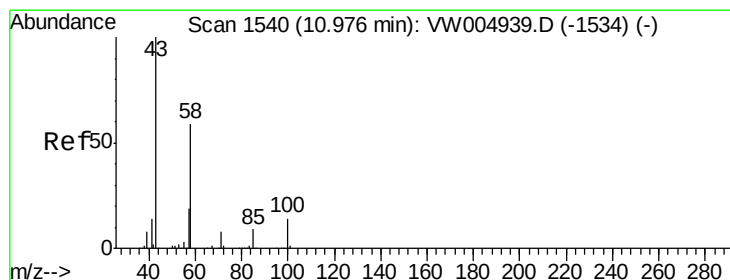
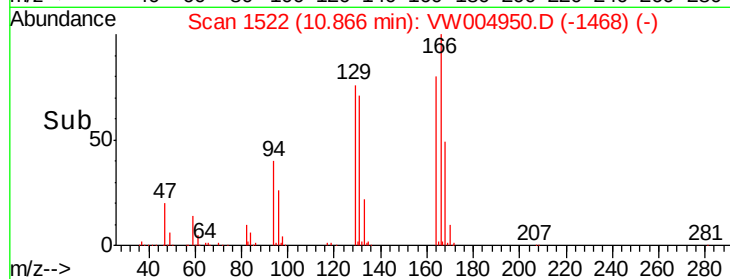
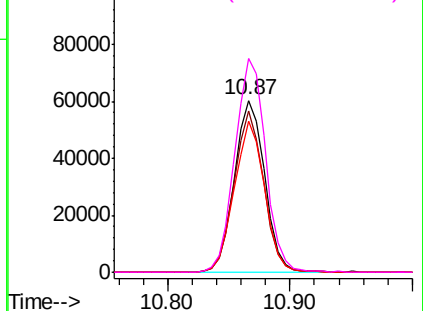


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 3.507 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004950.D

Acq: 24 Aug 2018 21:52

Tgt Ion: 43 Resp: 16368

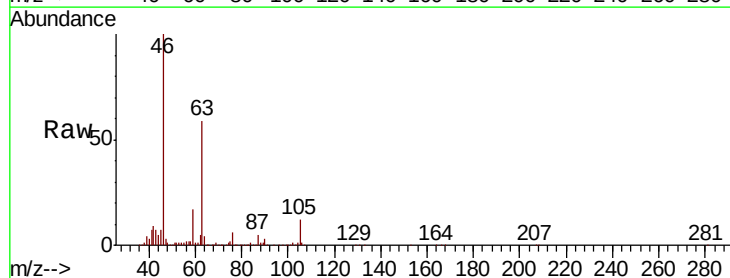
Ion Ratio Lower Upper

43 100

58 30.7 44.6 67.0#

57 34.5 15.4 23.2#

100 2.6 9.6 14.4#

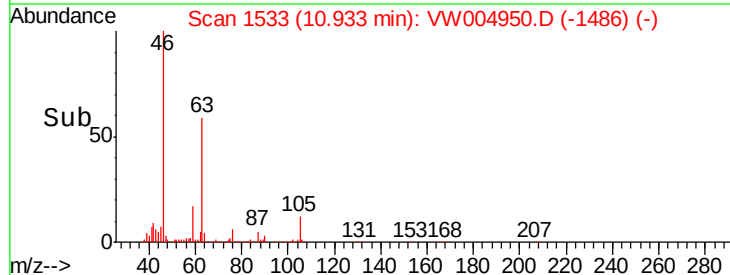
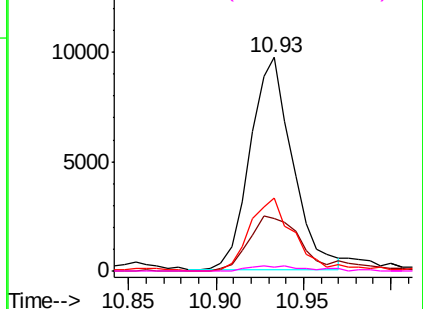


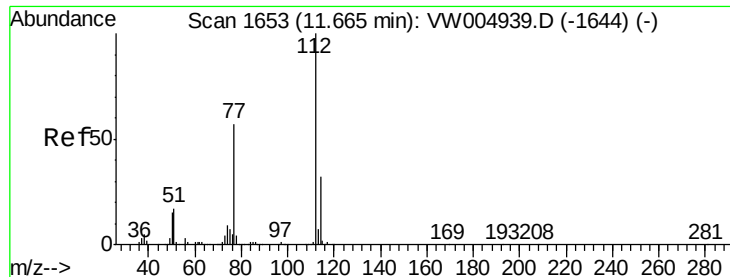
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#52

Chlorobenzene

Concen: 22.323 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

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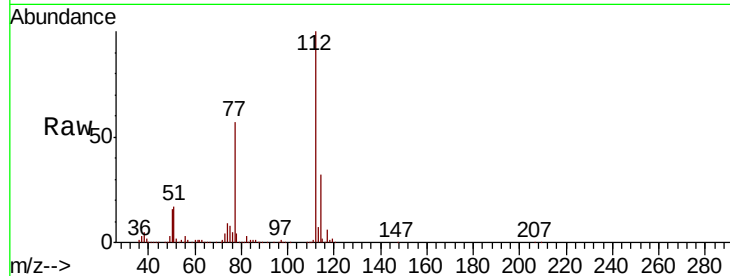
Tgt Ion: 112 Resp: 592277

Ion Ratio Lower Upper

112 100

77 57.2 45.8 68.8

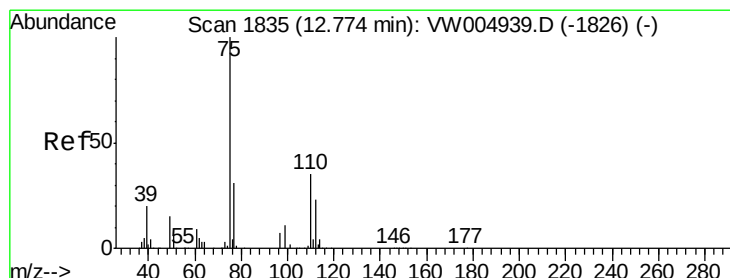
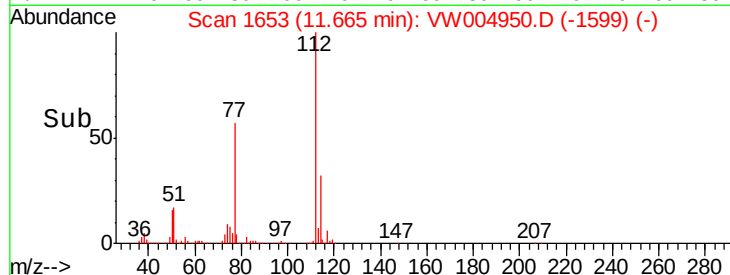
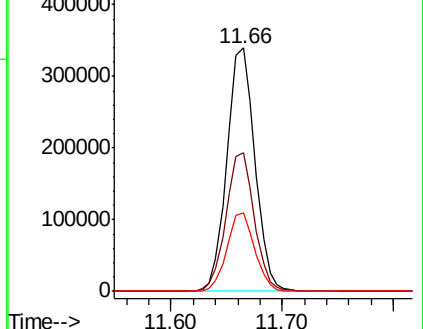
114 32.4 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.846 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004950.D

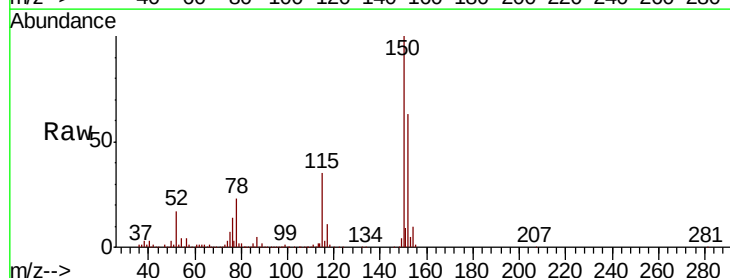
Acq: 24 Aug 2018 21:52

Tgt Ion: 75 Resp: 26975

Ion Ratio Lower Upper

75 100

77 37.5 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

