

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082818\
 Data File : VW004994.D
 Acq On : 28 Aug 2018 18:59
 Operator : SY/AP
 Sample : J4678-04MSD
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FC3MSD

Quant Time: Aug 29 05:49:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 29 04:23:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	253485	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	311376	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	140250	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92653	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
7) Chloroethane-d5	2.89	69	77473	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
10) 1,1-Dichloroethene-d2	4.02	63	115706	18.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.64%
20) 2-Butanone-d5	7.09	46	59948	61.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.96%
24) Chloroform-d	7.65	84	128510	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	8.31	65	86263	28.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.84%
29) Benzene-d6	8.28	84	283607	17.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.84%
33) 1,2-Dichloropropane-d6	9.28	67	90380	19.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.84%
37) Toluene-d8	10.33	98	298272	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.32%
38) trans-1,3-Dichloropropene-	10.59	79	40035	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.08%
39) 2-Hexanone-d5	10.93	63	54238	46.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.04%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	118879	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	135897	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

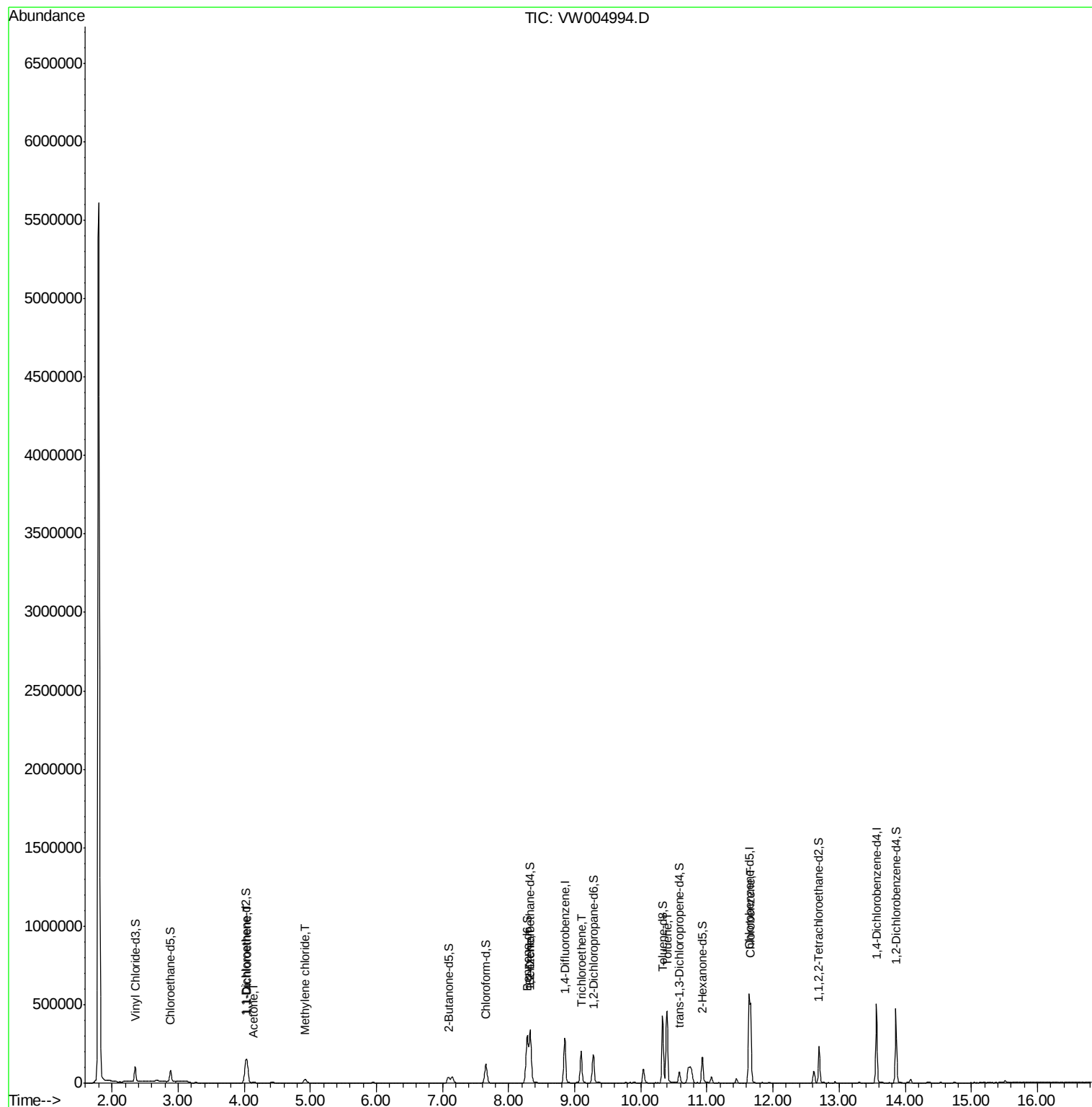
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	57989	19.65	ug/L	92
13) Acetone	4.14	43	4556	6.03	ug/L	62
16) Methylene chloride	4.92	84	18077	3.68	ug/L	94
34) Benzene	8.33	78	295089	16.62	ug/L	100
35) Trichloroethene	9.10	95	72699	16.47	ug/L	98
44) Toluene	10.40	91	362358	17.00	ug/L	98
52) Chlorobenzene	11.66	112	257327	18.17	ug/L	99

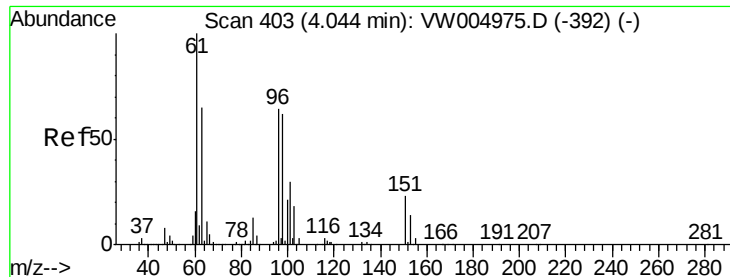
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 19.65 ug/L

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW004994.D

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Instrument :

MSVOA_W

ClientSampleId :

E5FC3MSD

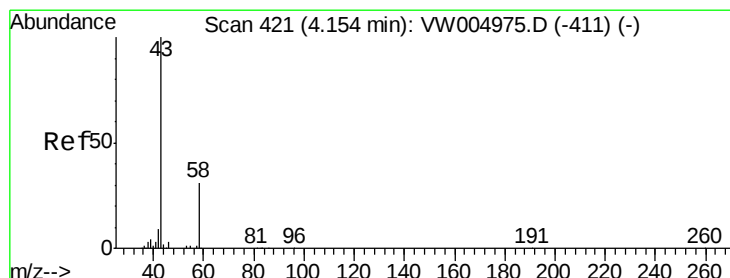
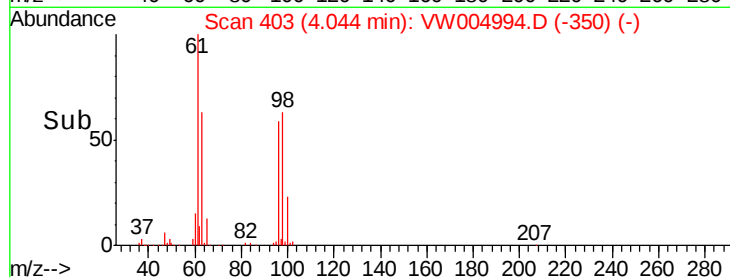
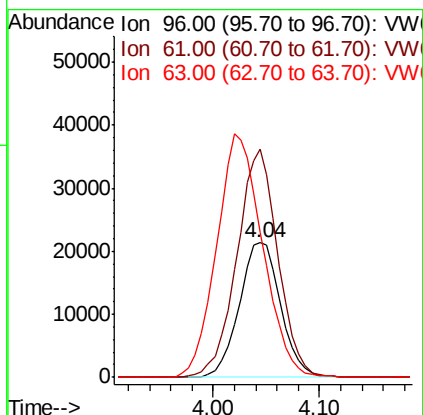
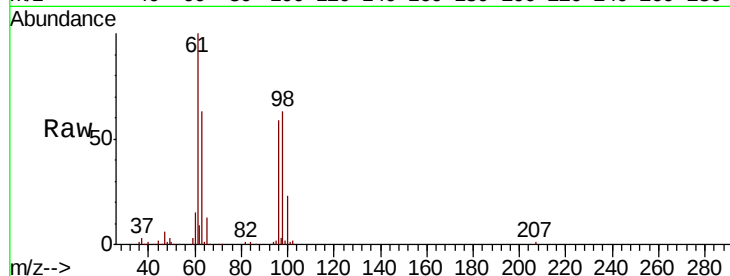
Tot Ion: 96 Resp: 57989

Ion Ratio Lower Upper

96 100

61 169.8 107.0 198.8

63 107.7 76.9 142.7



#13

Acetone

Concen: 6.03 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW004994.D

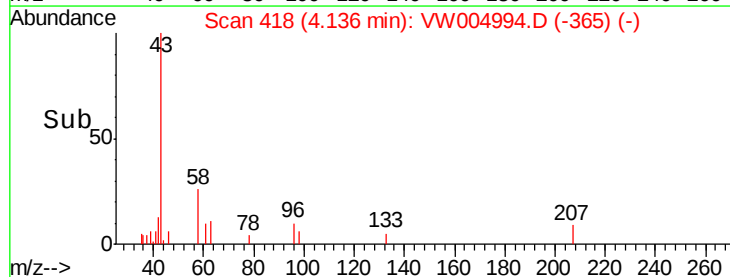
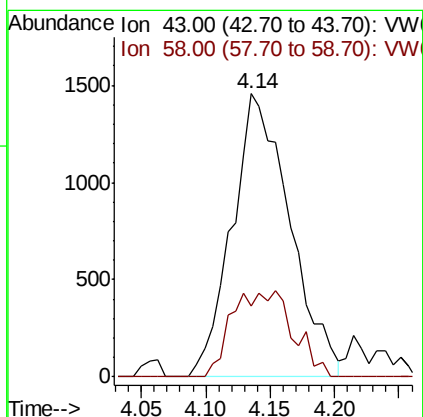
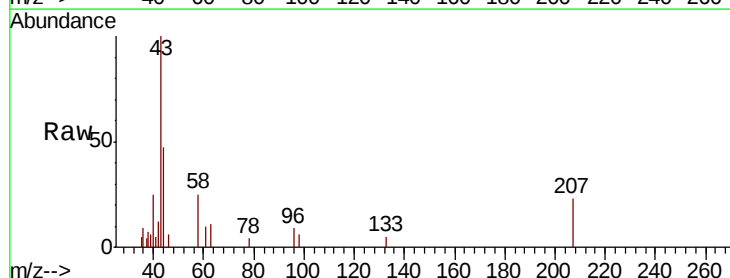
Acq: 28 Aug 2018 18:59

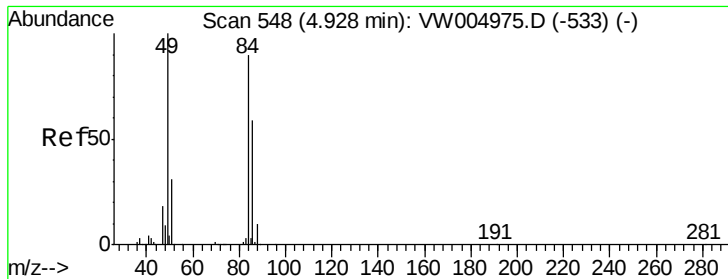
Tgt Ion: 43 Resp: 4556

Ion Ratio Lower Upper

43 100

58 12.9 0.0 69.4

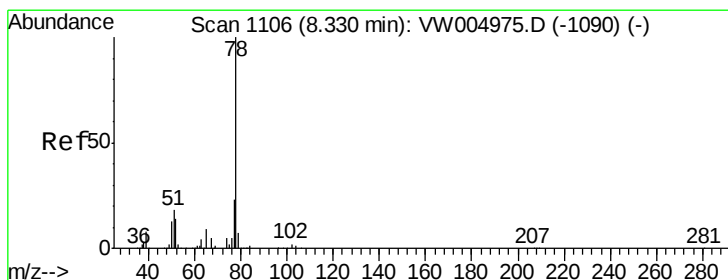
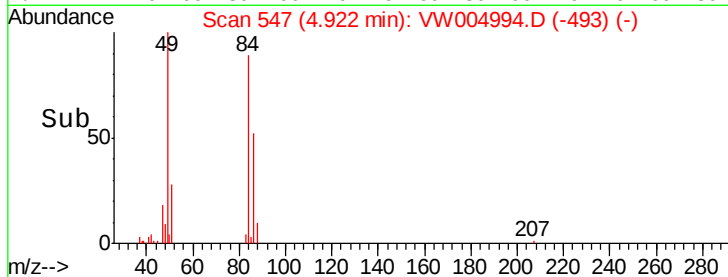
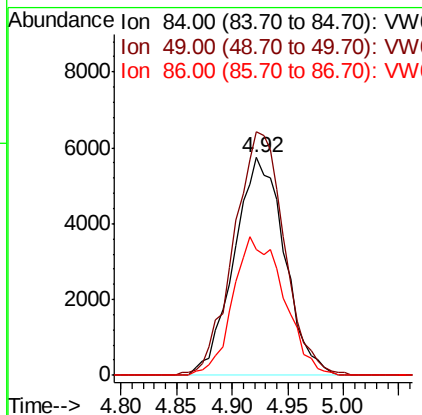
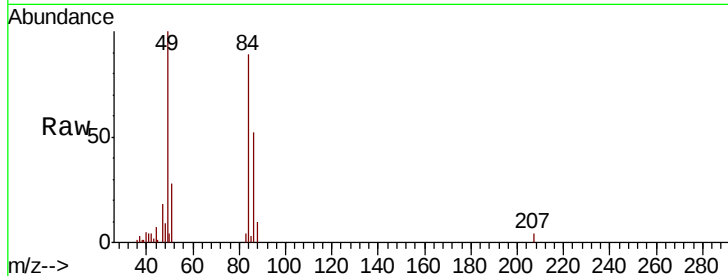




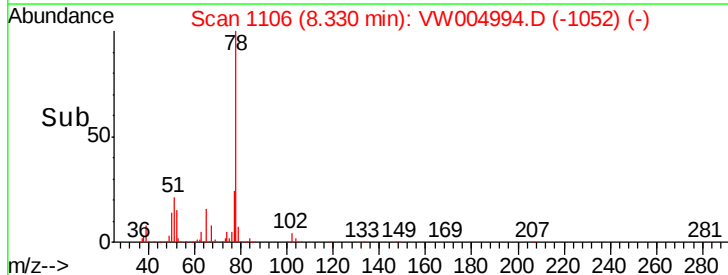
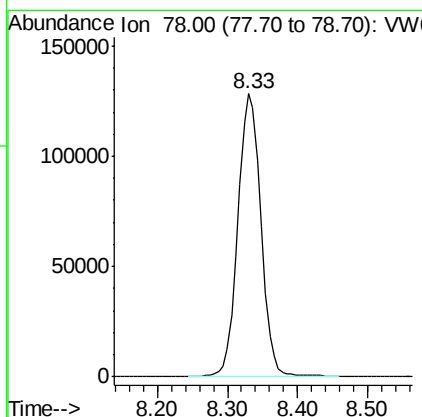
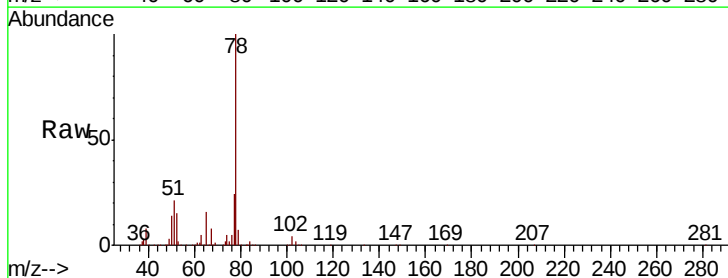
#16
Methvlene chloride
Concen: 3.68 ug/L
RT: 4.92 min Scan# 547
Delta R.T. 0.00 min
Lab File: VW004994.D
Acq: 28 Aug 2018 18:59

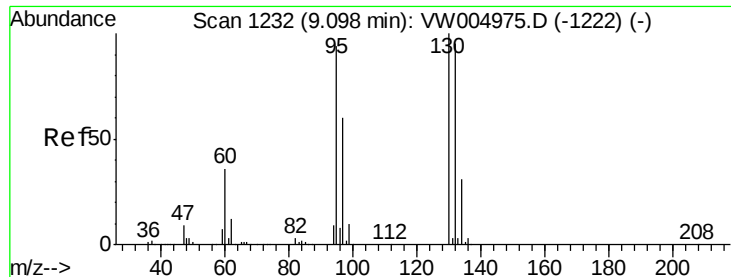
Instrument :
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Tot Ion: 84 Resp: 18077
Ion Ratio Lower Upper
84 100
49 111.8 83.8 155.6
86 57.7 42.6 79.0



#34
Benzene
Concen: 16.62 ug/L
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW004994.D
Acq: 28 Aug 2018 18:59
Tgt Ion: 78 Resp: 295089

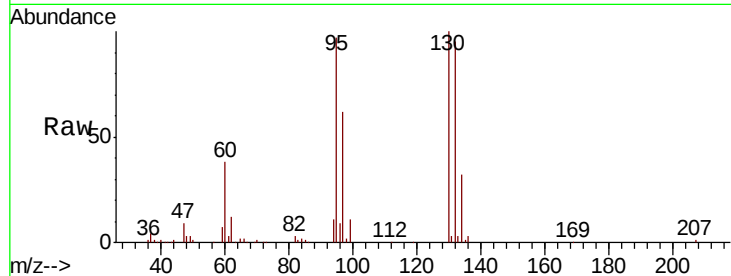




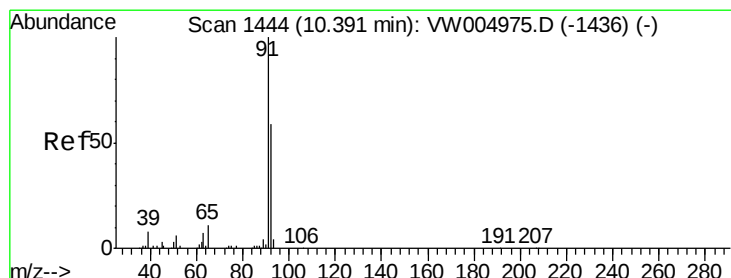
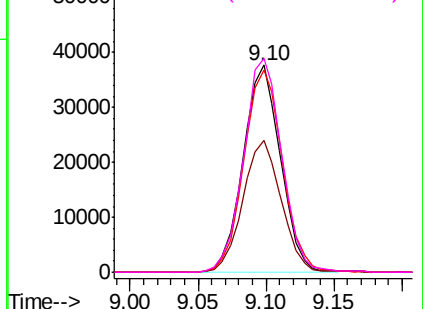
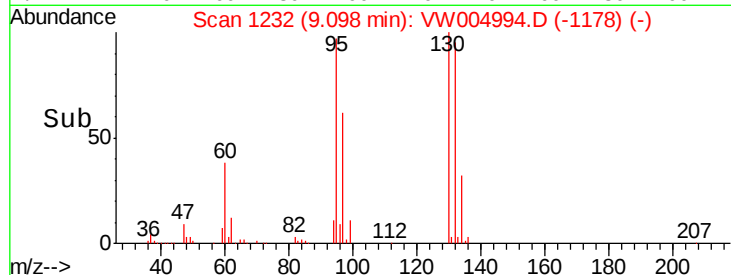
#35
 Trichloroethene
 Concen: 16.47 ug/L
 RT: 9.10 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VW004994.D
 Acq: 28 Aug 2018 18:59

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FC3MSD

Tot Ion: 95 Resp: 72699
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.9 85.3
 132 100.8 69.2 128.4
 130 105.7 72.7 135.1

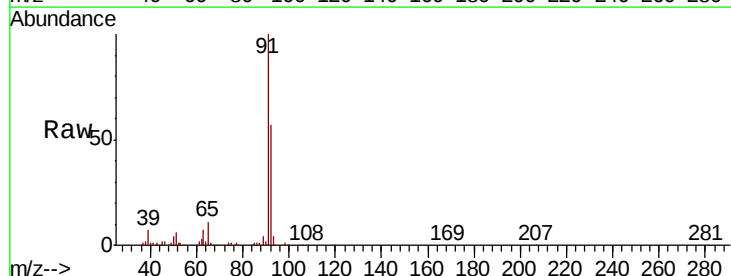


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

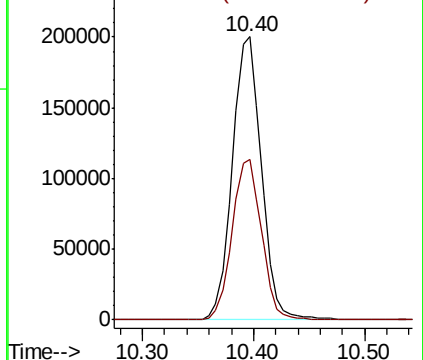
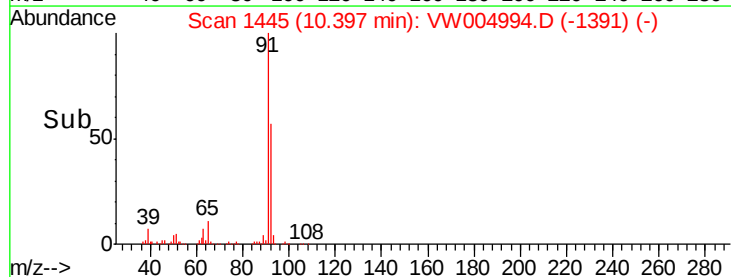


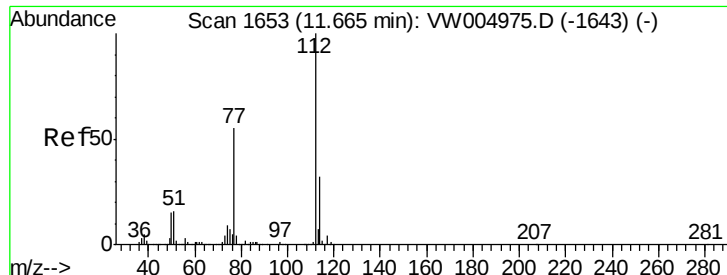
#44
 Toluene
 Concen: 17.00 ug/L
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: VW004994.D
 Acq: 28 Aug 2018 18:59

Tgt Ion: 91 Resp: 362358
 Ion Ratio Lower Upper
 91 100
 92 56.6 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 18.17 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004994.D

Acq: 28 Aug 2018 18:59

Instrument :

MSVOA_W

ClientSampleId :

E5FC3MSD

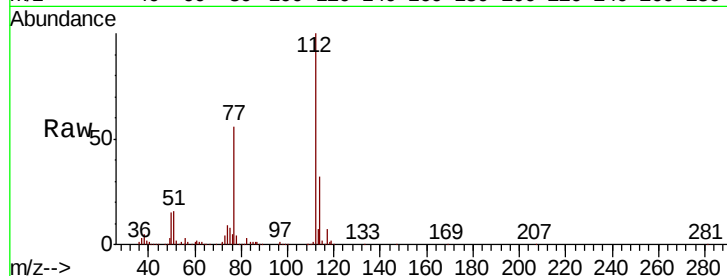
Tot Ion:112 Resp: 257327

Ion Ratio Lower Upper

112 100

77 56.3 45.8 68.8

114 31.8 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

