

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004945.D
 Acq On : 24 Aug 2018 19:45
 Operator : SY/AP
 Sample : J4650-02MS
 Misc : 4.21G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB80MS

Quant Time: Aug 25 01:35:03 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	649576	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	654076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	215698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	270823	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
7) Chloroethane-d5	2.89	69	215278	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
10) 1,1-Dichloroethene-d2	4.03	63	350210	22.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.36%
20) 2-Butanone-d5	7.09	46	110437	44.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.40%
24) Chloroform-d	7.65	84	339201	23.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	8.31	65	194937	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.52%
29) Benzene-d6	8.28	84	809074	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.28	67	246146	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.60%
37) Toluene-d8	10.33	98	850764	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
38) trans-1,3-Dichloropropene-	10.58	79	100088	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.12%
39) 2-Hexanone-d5	10.93	63	116020	47.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.74%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	219460	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	211530	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

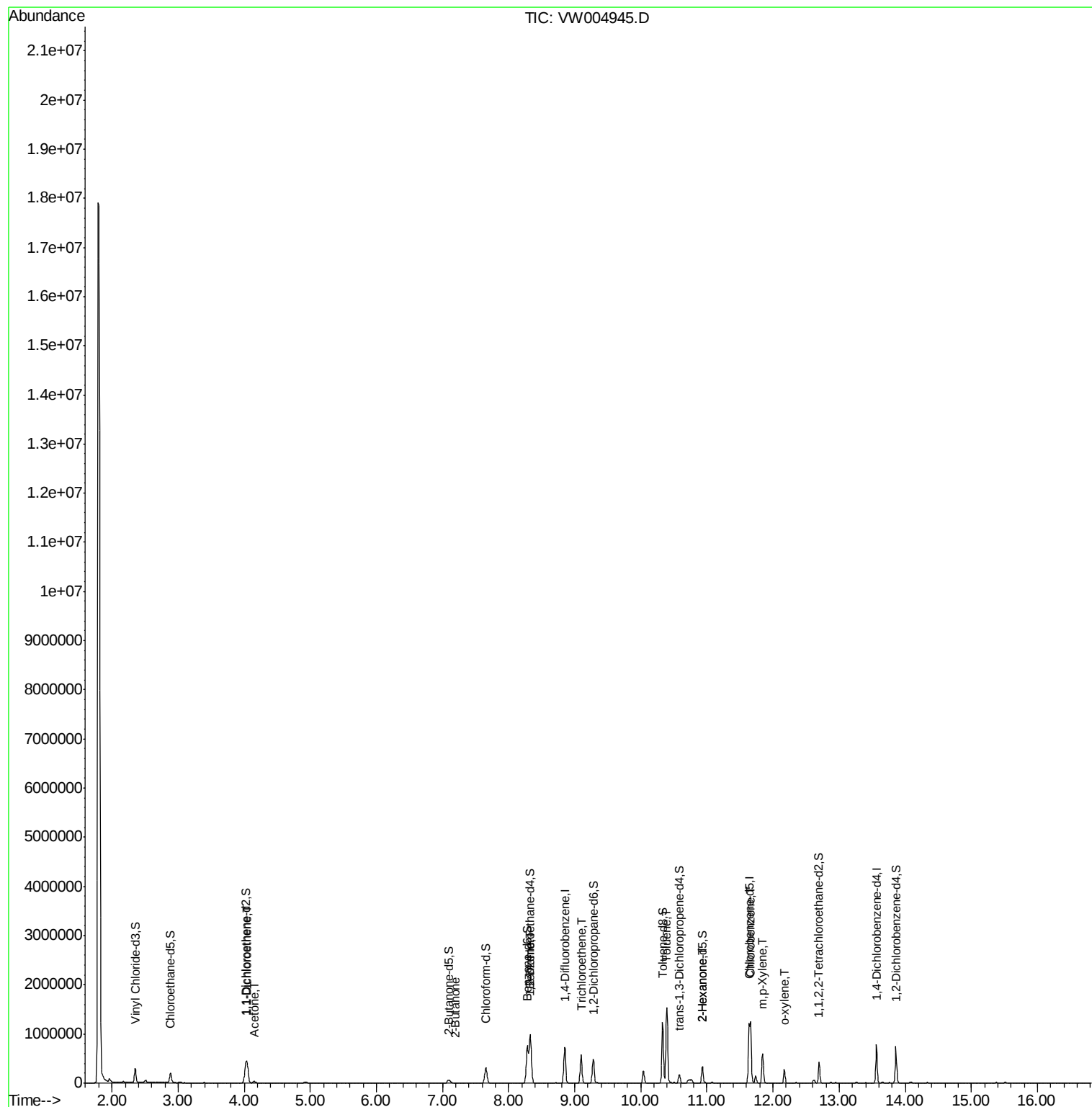
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	172451	22.803	ug/L	96
13) Acetone	4.15	43	53240	27.507	ug/L	97
21) 2-Butanone	7.19	43	10971	3.681	ug/L	98
34) Benzene	8.33	78	916249	24.568	ug/L	100
35) Trichloroethene	9.10	95	201636	21.743	ug/L	98
44) Toluene	10.39	91	1211896	27.059	ug/L	100
49) 2-Hexanone	10.93	43	13960	2.667	ug/L #	63
52) Chlorobenzene	11.66	112	647801	21.774	ug/L	98
54) m,p-Xylene	11.84	106	185753	9.501	ug/L	100
55) o-xylene	12.17	106	74249	4.065	ug/L	99

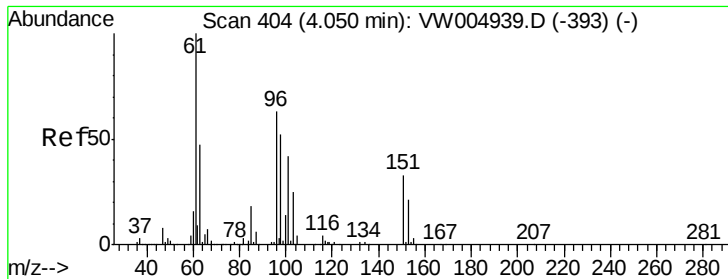
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 01:34:01 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.803 ug/L

RT: 4.04 min Scan# 403

Delta R.T. 0.00 min

Lab File: VW004945.D

Acq: 24 Aug 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

GAB80MS

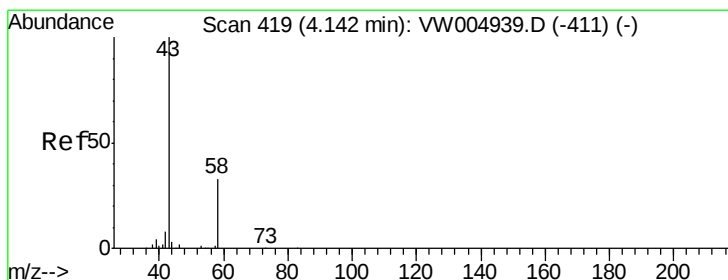
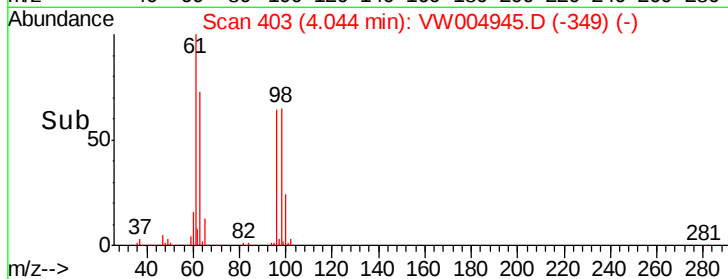
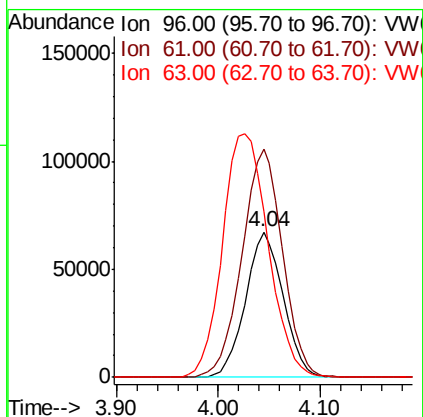
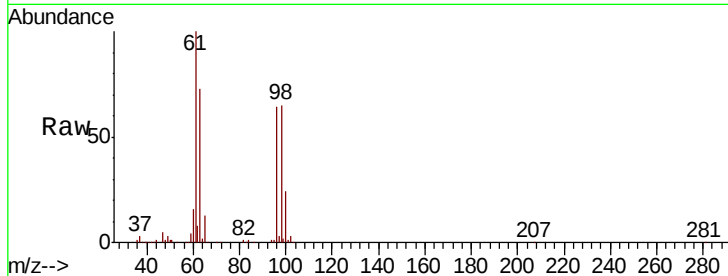
Tgt Ion: 96 Resp: 172451

Ion Ratio Lower Upper

96 100

61 157.1 107.0 198.8

63 114.5 76.9 142.7



#13

Acetone

Concen: 27.507 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004945.D

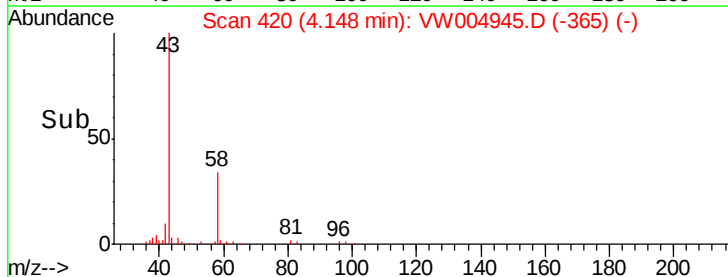
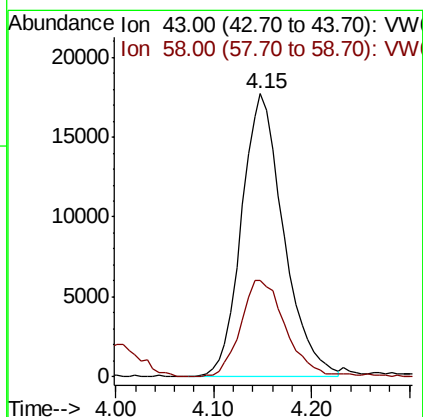
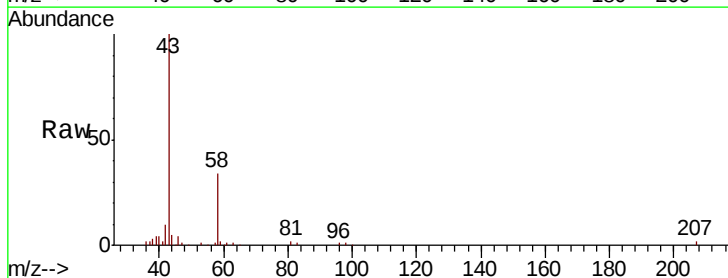
Acq: 24 Aug 2018 19:45

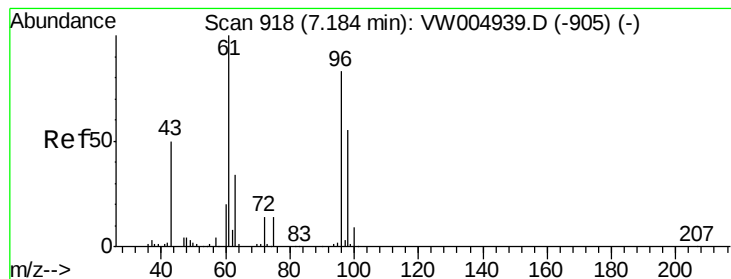
Tgt Ion: 43 Resp: 53240

Ion Ratio Lower Upper

43 100

58 36.3 0.0 69.4





#21

2-Butanone

Concen: 3.681 ug/L

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW004945.D

Acq: 24 Aug 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

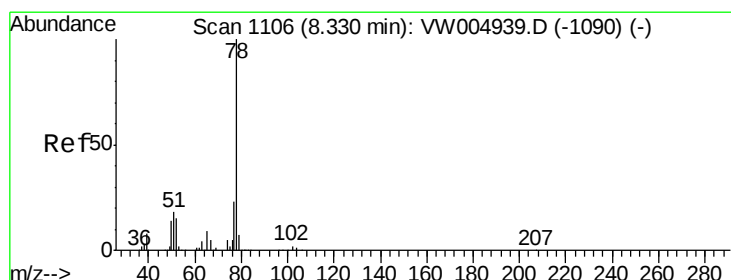
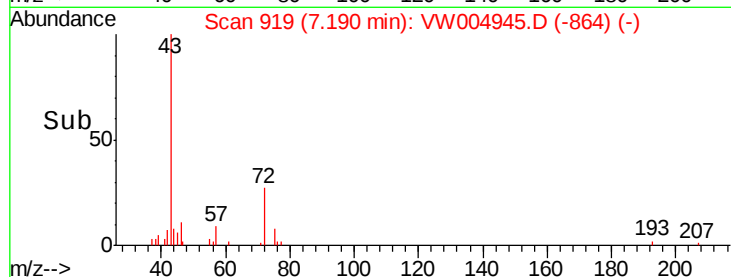
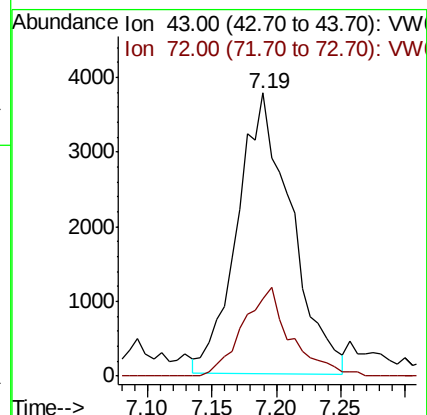
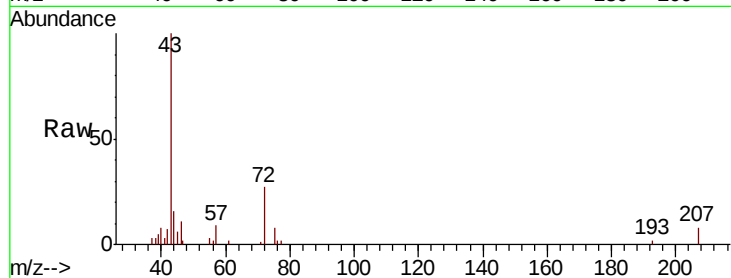
GAB80MS

Tgt Ion: 43 Resp: 10971

Ion Ratio Lower Upper

43 100

72 27.6 14.2 42.8



#34

Benzene

Concen: 24.568 ug/L

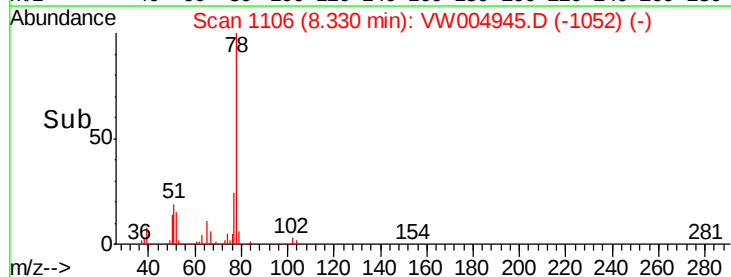
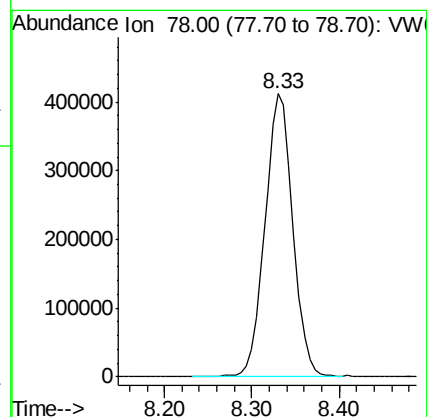
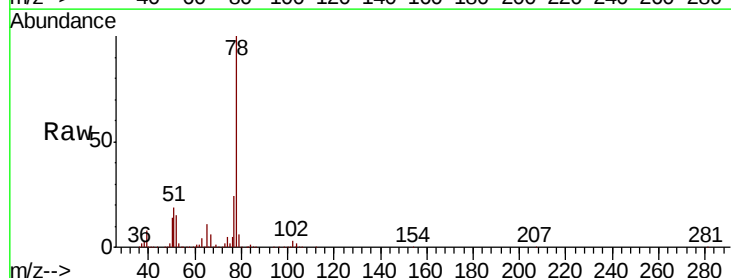
RT: 8.33 min Scan# 1106

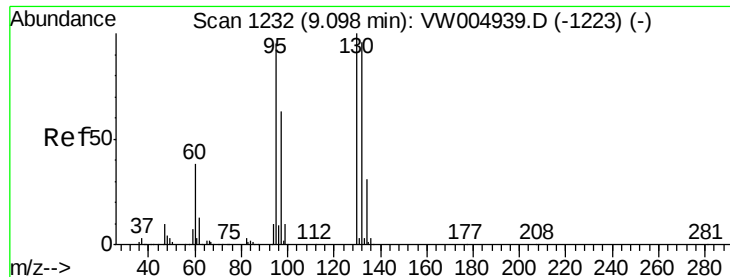
Delta R.T. 0.00 min

Lab File: VW004945.D

Acq: 24 Aug 2018 19:45

Tgt Ion: 78 Resp: 916249





#35

Trichloroethene

Concen: 21.743 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW004945.D

Acq: 24 Aug 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

GAB80MS

Tgt Ion: 95 Resp: 201636

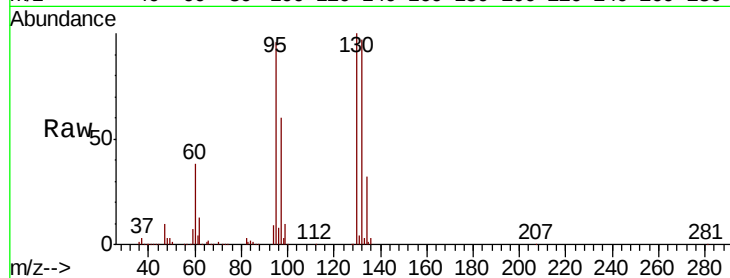
Ion Ratio Lower Upper

95 100

97 63.9 45.9 85.3

132 101.0 69.2 128.4

130 105.2 72.7 135.1

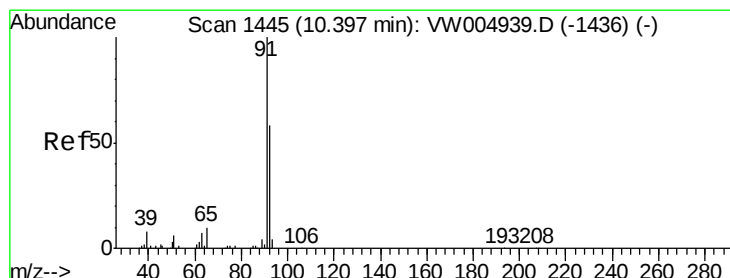
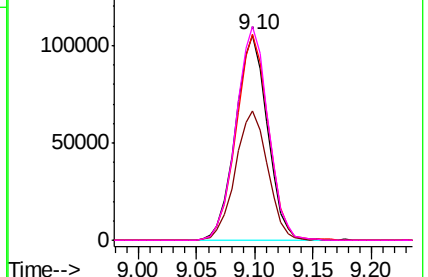
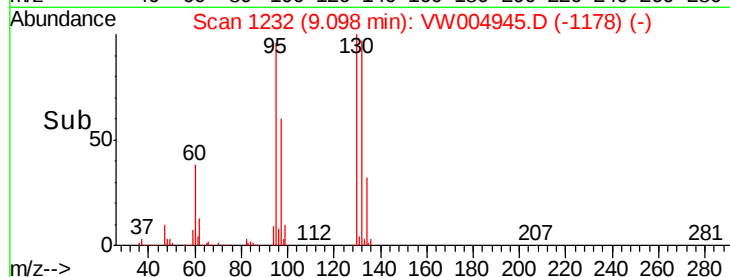


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 27.059 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW004945.D

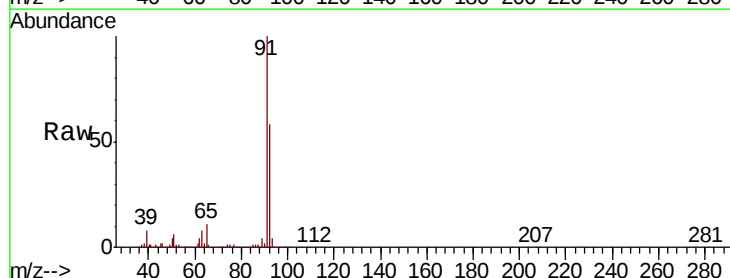
Acq: 24 Aug 2018 19:45

Tgt Ion: 91 Resp: 1211896

Ion Ratio Lower Upper

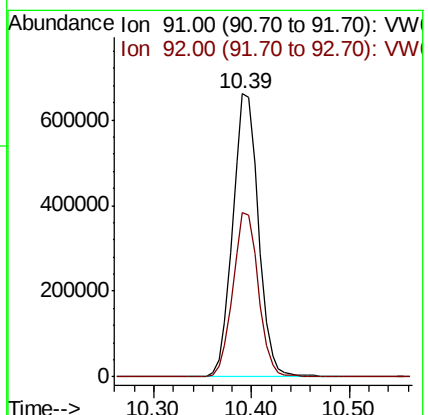
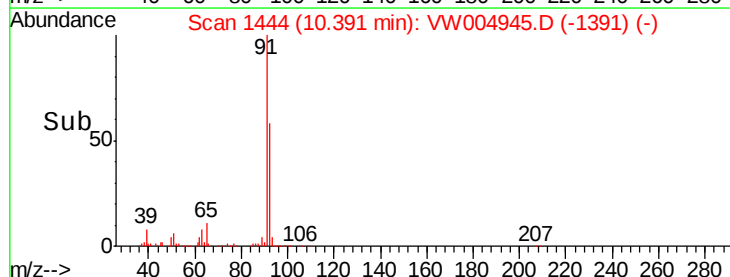
91 100

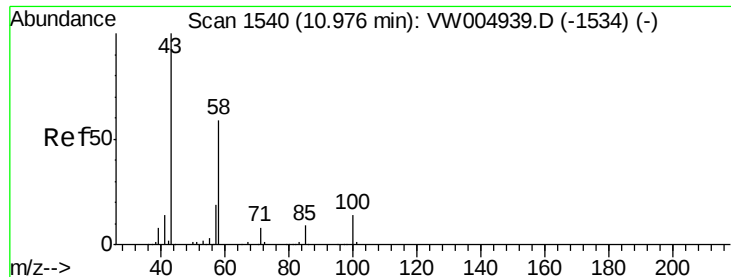
92 57.9 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

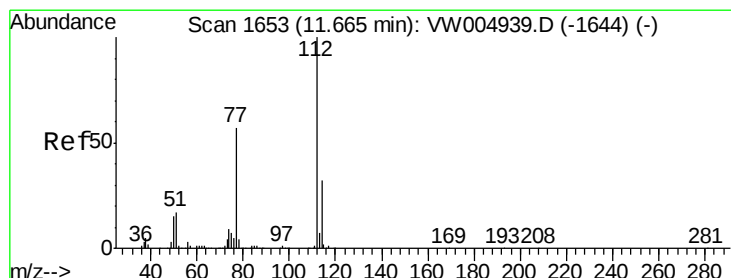
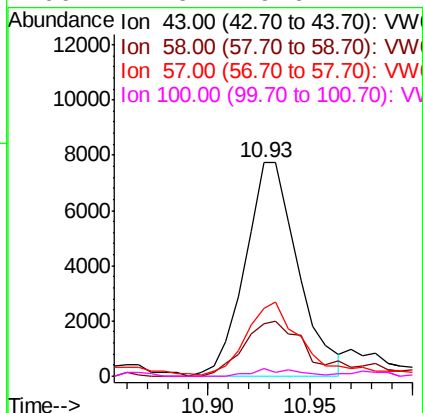
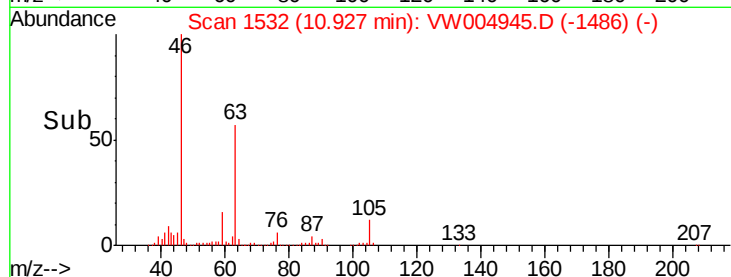
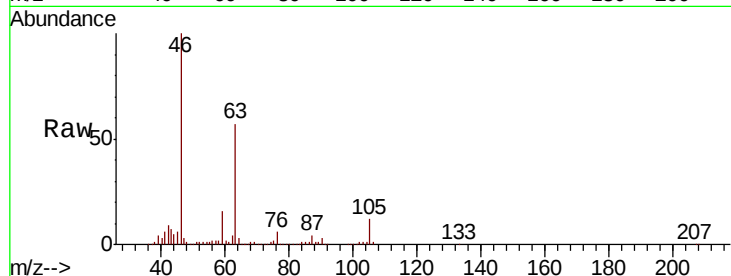




#49
2-Hexanone
Concen: 2.667 ug/L
RT: 10.93 min Scan# 1532
Delta R.T. -0.05 min
Lab File: VW004945.D
Acq: 24 Aug 2018 19:45

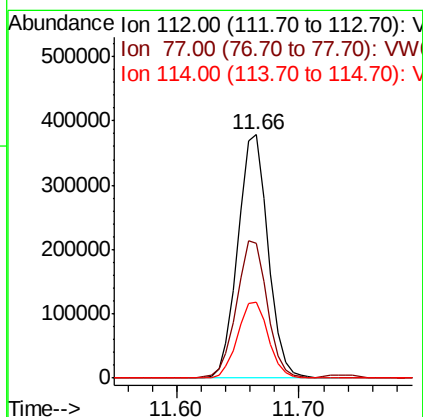
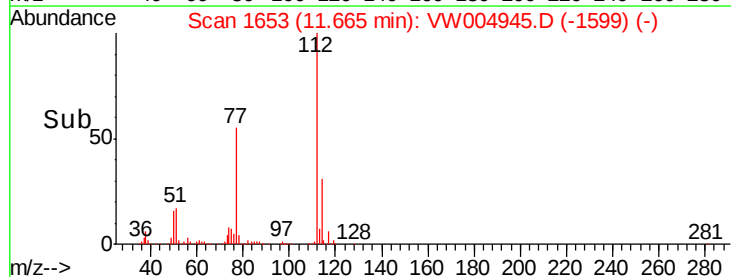
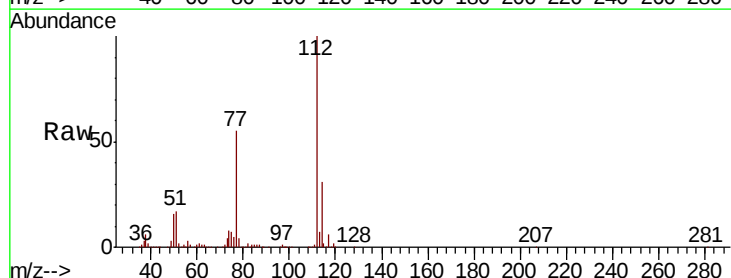
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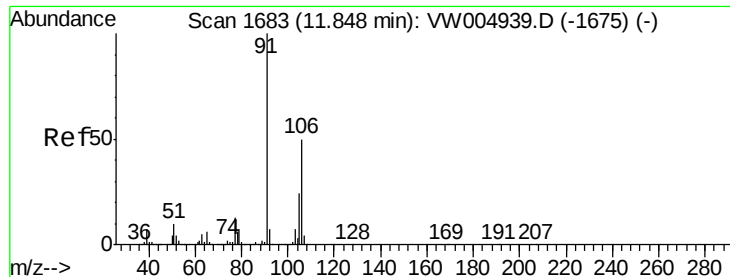
Tgt Ion: 43 Resp: 13960
Ion Ratio Lower Upper
43 100
58 28.1 44.6 67.0#
57 37.1 15.4 23.2#
100 1.6 9.6 14.4#



#52
Chlorobenzene
Concen: 21.774 ug/L
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004945.D
Acq: 24 Aug 2018 19:45

Tgt Ion: 112 Resp: 647801
Ion Ratio Lower Upper
112 100
77 55.2 45.8 68.8
114 31.2 22.5 41.7





#54

m,p-Xylene

Concen: 9.501 ug/L

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW004945.D

Acq: 24 Aug 2018 19:45

Instrument :

MSVOA_W

ClientSampleId :

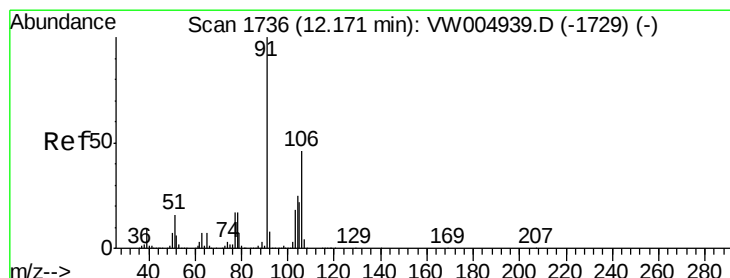
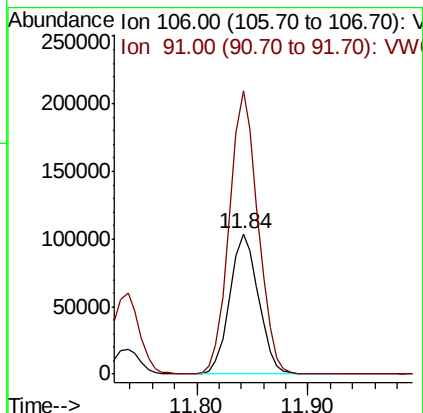
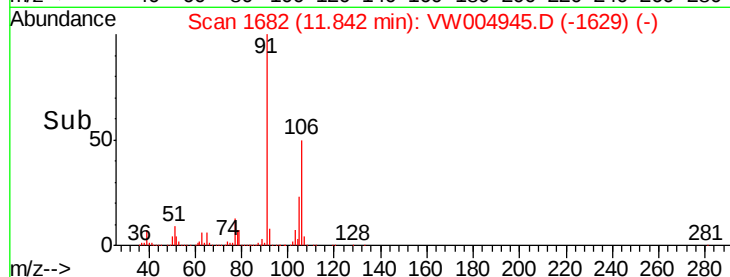
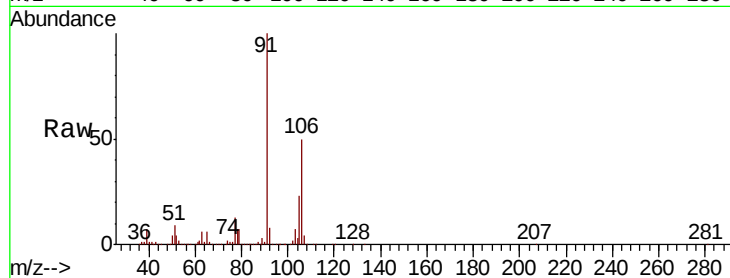
GAB80MS

Tgt Ion:106 Resp: 185753

Ion Ratio Lower Upper

106 100

91 201.9 141.4 262.6



#55

o-xylene

Concen: 4.065 ug/L

RT: 12.17 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VW004945.D

Acq: 24 Aug 2018 19:45

Tgt Ion:106 Resp: 74249

Ion Ratio Lower Upper

106 100

91 211.3 147.0 273.0

