

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007338.D
 Acq On : 08 Dec 2018 06:28
 Operator : SY/AP
 Sample : J6270-07
 Misc : 6.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E06

Quant Time: Dec 10 05:55:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 10 05:52:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	131669	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	109291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	27139	31.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.56%
7) Chloroethane-d5	2.89	69	20756	28.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.32%
10) 1,1-Dichloroethene-d2	4.01	63	63877	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.36%
20) 2-Butanone-d5	7.08	46	17474	32.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.64%
24) Chloroform-d	7.65	84	87056	28.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.12%
26) 1,2-Dichloroethane-d4	8.31	65	49081	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.04%
29) Benzene-d6	8.27	84	172234	29.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.08%
33) 1,2-Dichloropropane-d6	9.27	67	49300	29.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.40%
37) Toluene-d8	10.32	98	160104	28.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.08%
38) trans-1,3-Dichloropropene-	10.58	79	20665	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.44%
39) 2-Hexanone-d5	10.93	63	13548	33.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34557	22.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	43646	27.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.04%

Target Compounds

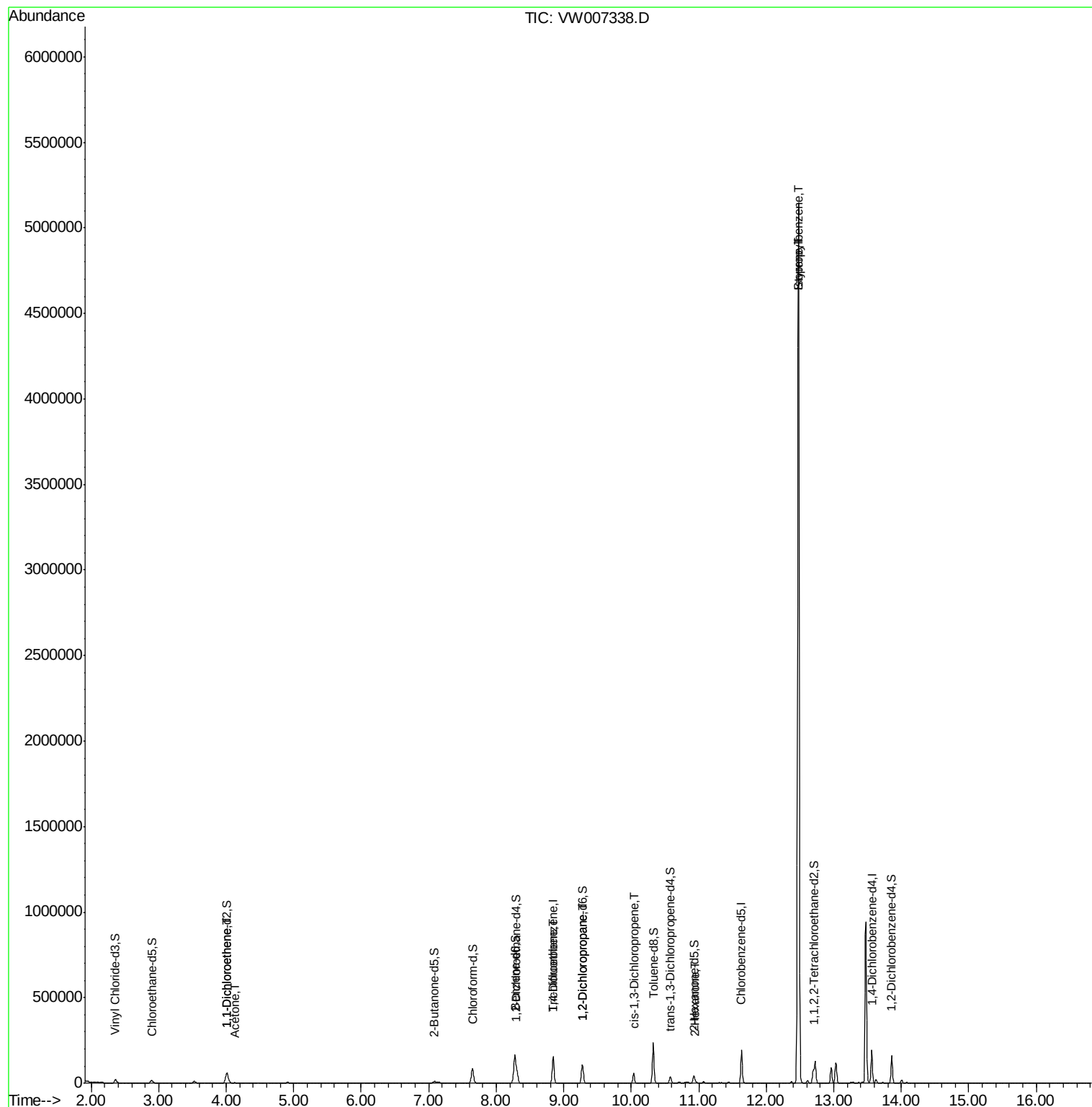
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.01	96	525	0.340	ug/L #	1
13) Acetone	4.12	43	4828	7.680	ug/L	99
35) Trichloroethene	8.84	95	4014	2.235	ug/L #	4
40) 1,2-Dichloropropane	9.27	63	5539	3.615	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1396	0.542	ug/L #	51
49) 2-Hexanone	10.95	43	1098	1.288	ug/L #	37
56) Styrene	12.48	104	15883	3.400	ug/L #	1
57) Isopropylbenzene	12.48	105	247806	32.575	ug/L #	1

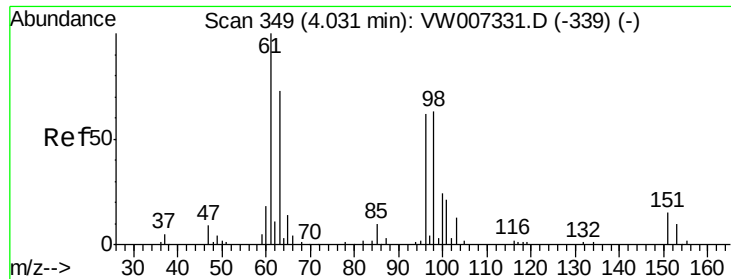
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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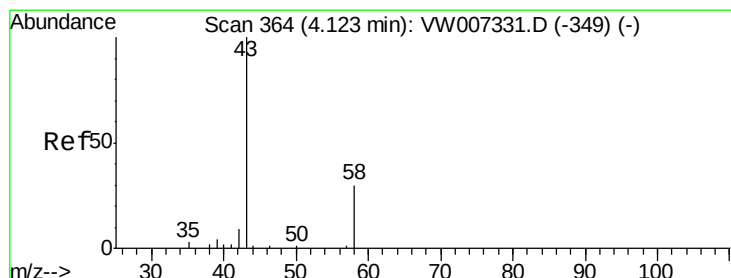
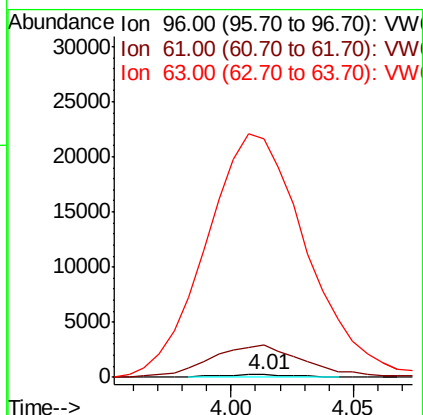
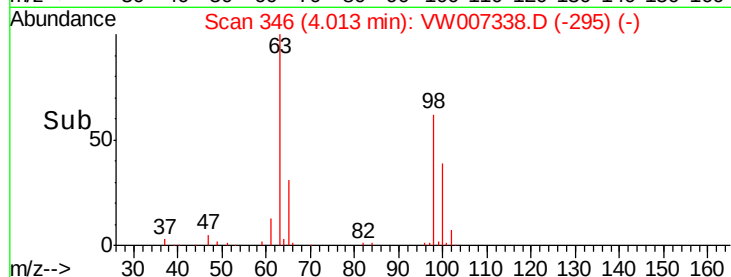
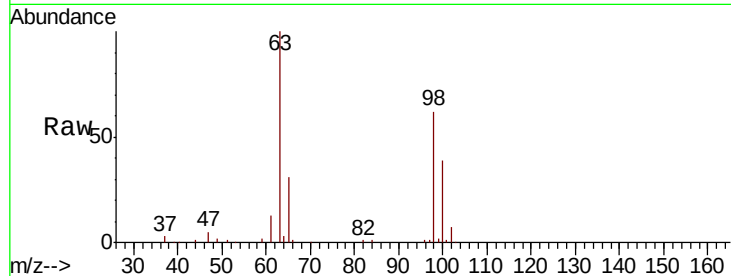




#12
 1,1-Dichloroethene
 Concen: 0.340 ug/L
 RT: 4.01 min Scan# 346
 Delta R.T. -0.02 min
 Lab File: VW007338.D
 Acq: 08 Dec 2018 06:28

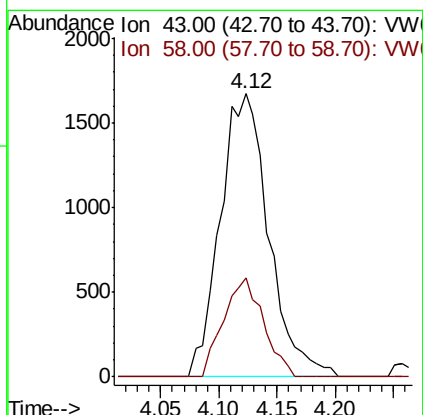
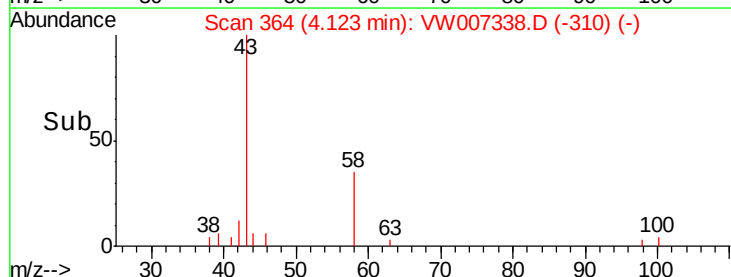
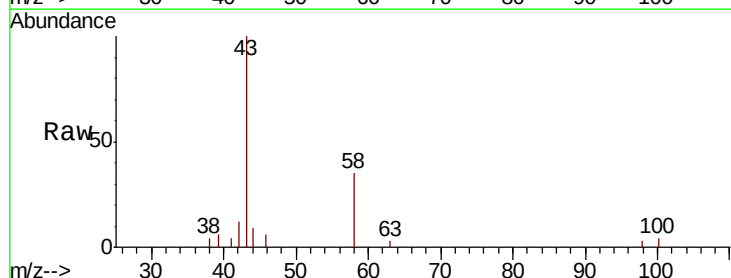
Instrument :
 MSVOA_W
 ClientSampleId :
 F9E06

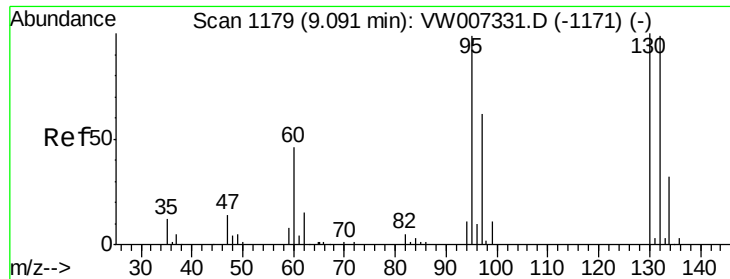
Tgt Ion: 96 Resp: 525
 Ion Ratio Lower Upper
 96 100
 61 1173.1 117.2 217.8#
 63 8706.8 89.7 166.7#



#13
 Acetone
 Concen: 7.680 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW007338.D
 Acq: 08 Dec 2018 06:28

Tgt Ion: 43 Resp: 4828
 Ion Ratio Lower Upper
 43 100
 58 28.8 0.0 59.2





#35

Trichloroethene

Concen: 2.235 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007338.D

Acq: 08 Dec 2018 06:28

Instrument :

MSVOA_W

ClientSampled :

F9E06

Tgt Ion: 95 Resp: 4014

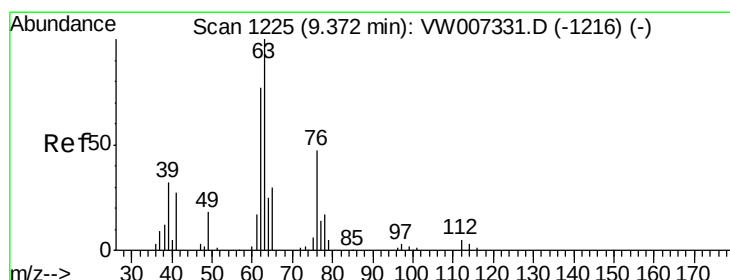
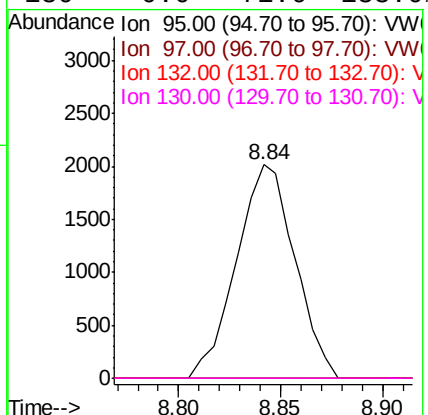
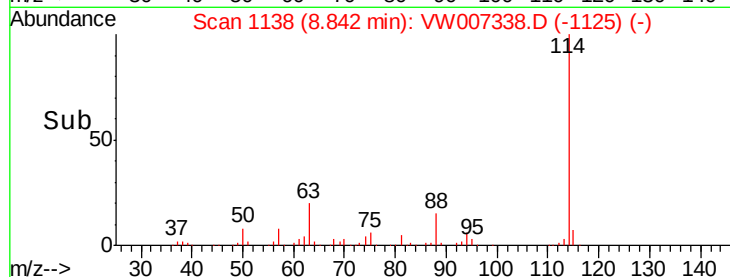
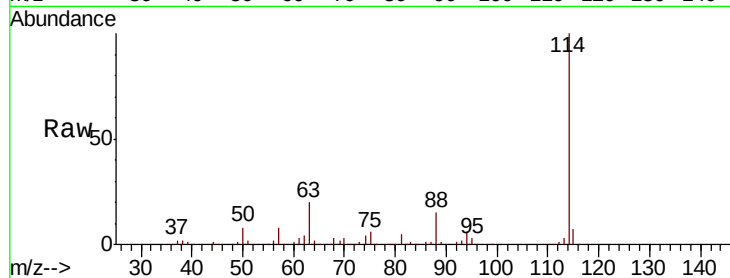
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#



#40

1,2-Dichloropropane

Concen: 3.615 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW007338.D

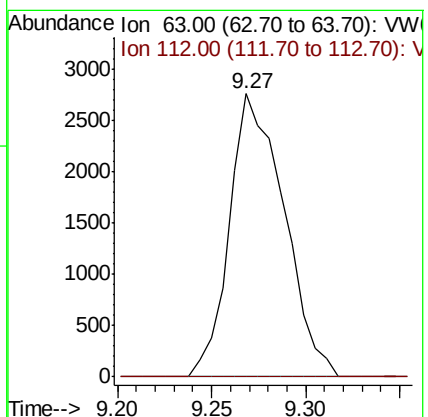
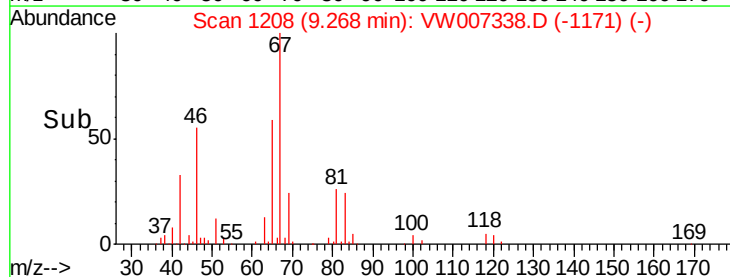
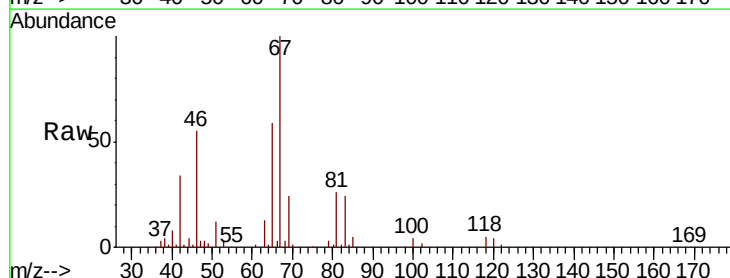
Acq: 08 Dec 2018 06:28

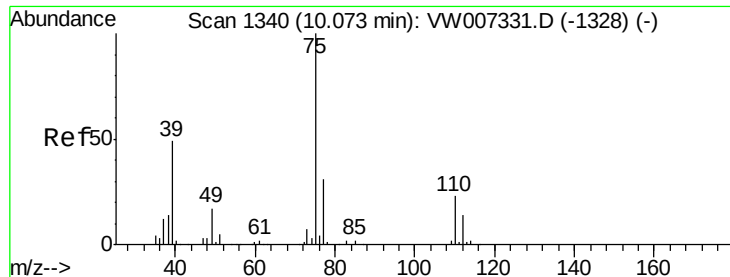
Tgt Ion: 63 Resp: 5539

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#





#42

cis-1,3-Dichloropropene

Concen: 0.542 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007338.D

Acq: 08 Dec 2018 06:28

Instrument :

MSVOA_W

ClientSampleId :

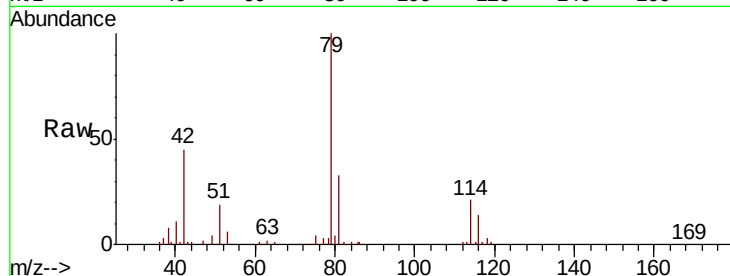
F9E06

Tgt Ion: 75 Resp: 1396

Ion Ratio Lower Upper

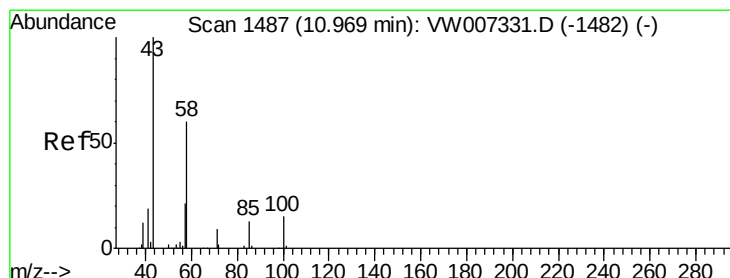
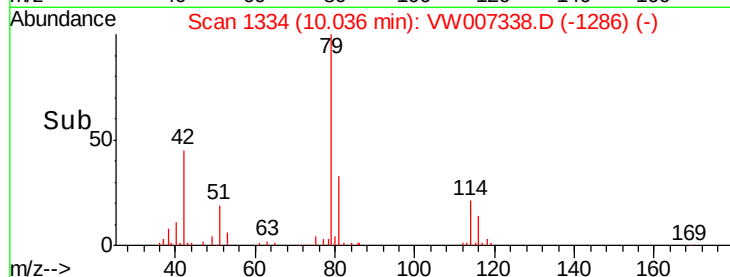
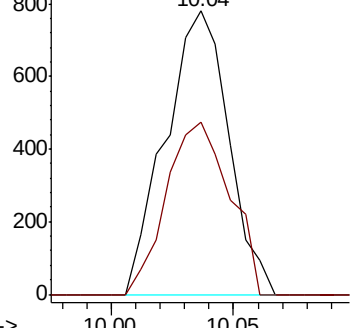
75 100

77 60.6 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 1.288 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW007338.D

Acq: 08 Dec 2018 06:28

Tgt Ion: 43 Resp: 1098

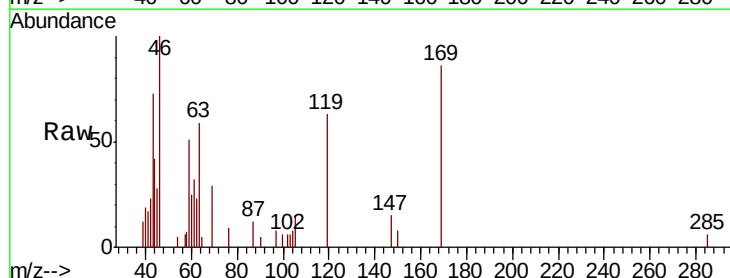
Ion Ratio Lower Upper

43 100

58 0.0 47.2 70.8#

57 0.0 17.6 26.4#

100 4.6 12.2 18.2#

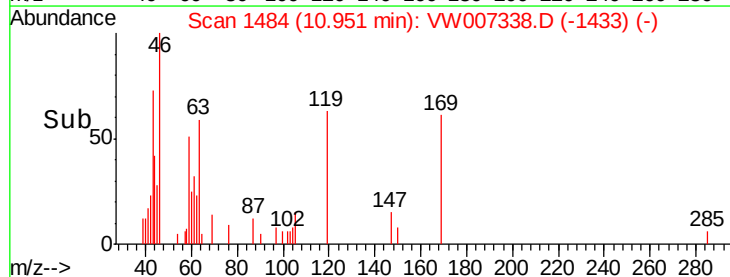
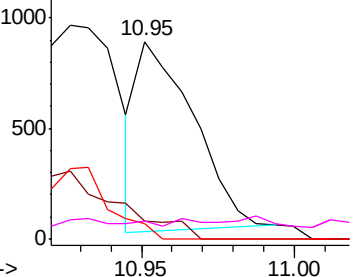


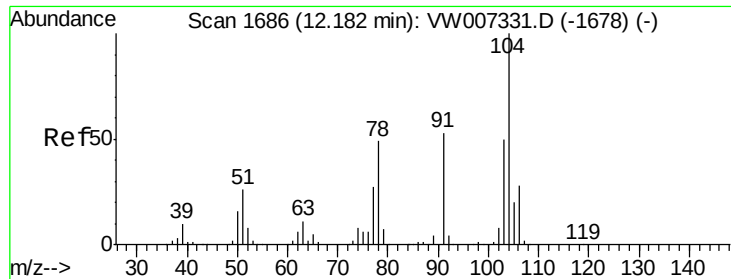
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#56

Styrene

Concen: 3.400 ug/L

RT: 12.48 min Scan# 1734

Delta R.T. 0.29 min

Lab File: VW007338.D

Acq: 08 Dec 2018 06:28

Instrument :

MSVOA_W

ClientSampled :

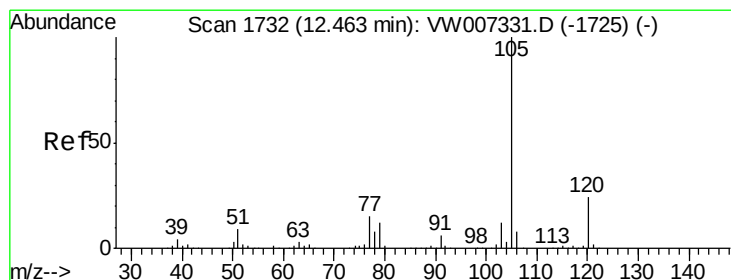
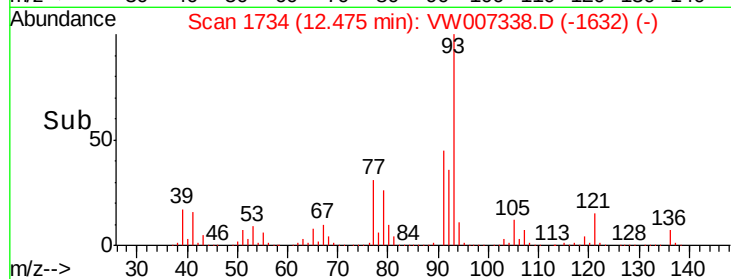
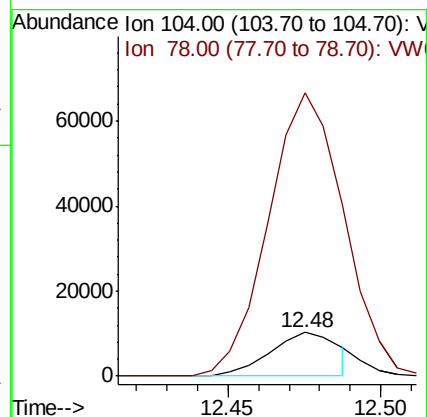
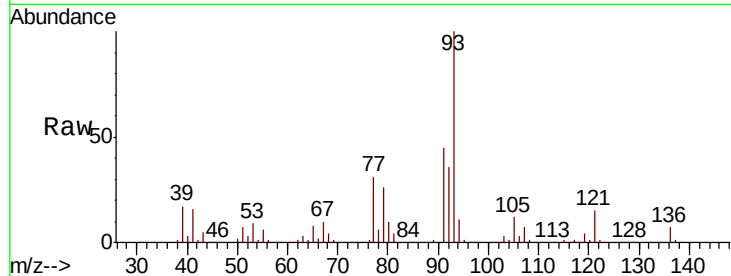
F9E06

Tgt Ion:104 Resp: 15883

Ion Ratio Lower Upper

104 100

78 643.4 31.8 59.0#



#57

Isopropylbenzene

Concen: 32.575 ug/L

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW007338.D

Acq: 08 Dec 2018 06:28

Tgt Ion:105 Resp: 247806

Ion Ratio Lower Upper

105 100

120 5.6 20.6 30.8#

77 264.0 12.2 18.2#

