

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005790.D
 Acq On : 02 Oct 2018 22:34
 Operator : SY/AP
 Sample : J5182-03
 Misc : 4.12G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC52

Quant Time: Oct 03 08:12:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	75476	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	81155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	35349	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	13436	13.96	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.84%
7) Chloroethane-d5	2.89	69	13849	18.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.80%
10) 1,1-Dichloroethene-d2	4.00	63	24900	11.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.40%
20) 2-Butanone-d5	7.09	46	12008	38.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.74%
24) Chloroform-d	7.65	84	54781	28.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.00%
26) 1,2-Dichloroethane-d4	8.31	65	37743	32.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.56%
29) Benzene-d6	8.28	84	81014	20.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.68%
33) 1,2-Dichloropropane-d6	9.28	67	30904	26.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.44%
37) Toluene-d8	10.33	98	68888	17.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.48%
38) trans-1,3-Dichloropropene-	10.58	79	11429	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.96%
39) 2-Hexanone-d5	10.93	63	7150	26.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31224	27.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	28440	22.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.96%

Target Compounds

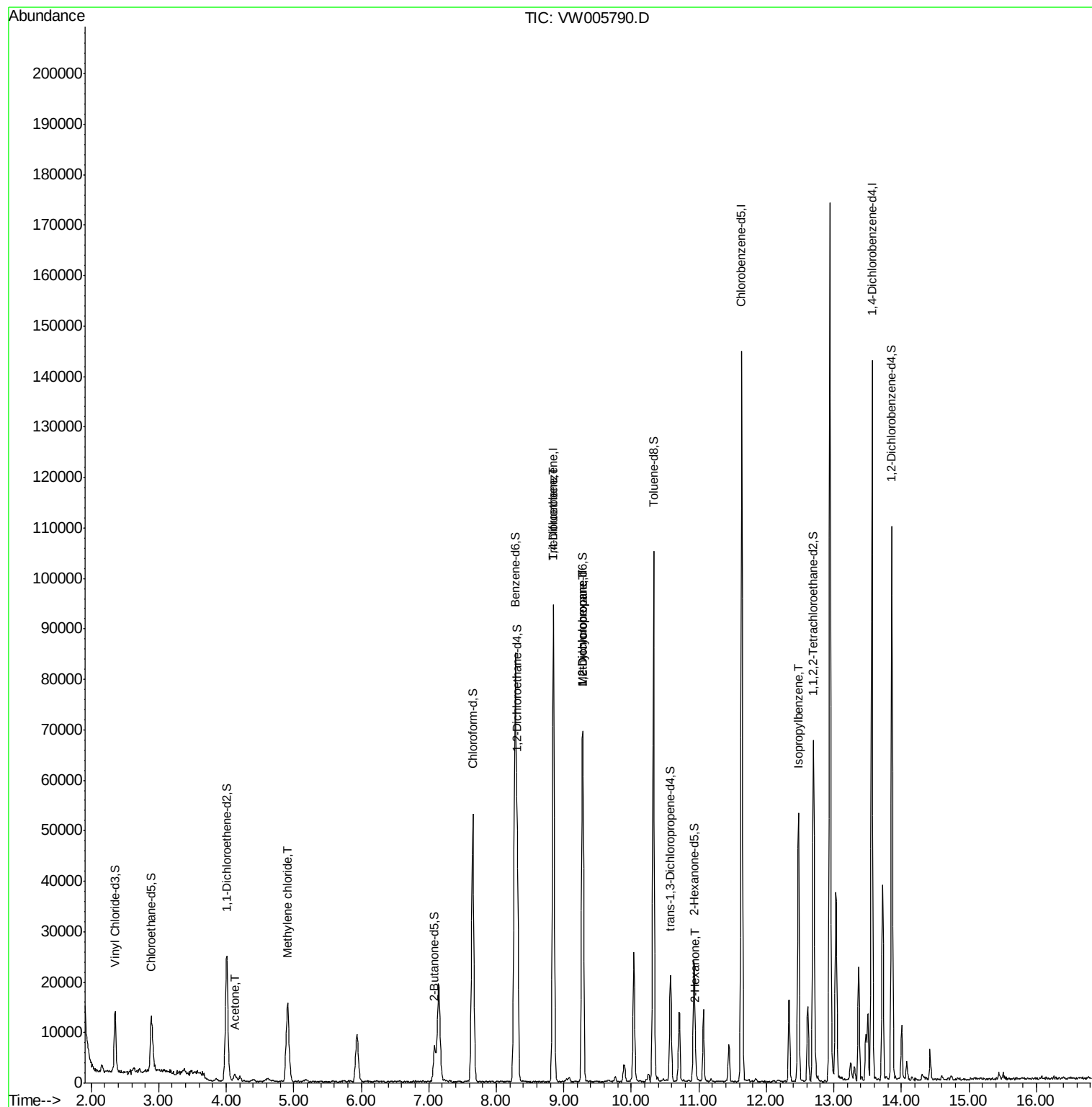
					Qvalue
13) Acetone	4.12	43	1575	4.896 ug/L #	36
16) Methylene chloride	4.91	84	11678	9.384 ug/L	93
35) Trichloroethene	8.85	95	2497	2.035 ug/L #	5
36) Methylcyclohexane	9.27	83	8095	3.795 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	3993	3.573 ug/L #	87
49) 2-Hexanone	10.96	43	786	1.228 ug/L #	39
57) Isopropylbenzene	12.47	105	3023	0.508 ug/L #	62

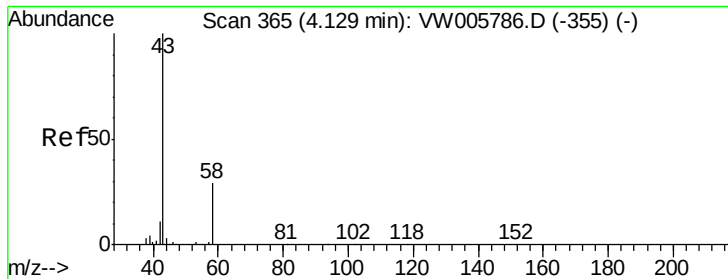
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.896 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW005790.D

Acq: 02 Oct 2018 22:34

Instrument :

MSVOA_W

ClientSampled :

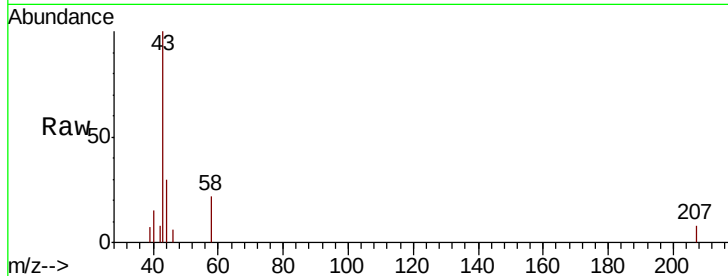
JLC52

Tgt Ion: 43 Resp: 1575

Ion Ratio Lower Upper

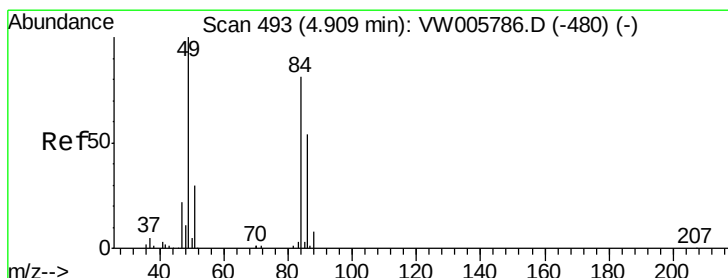
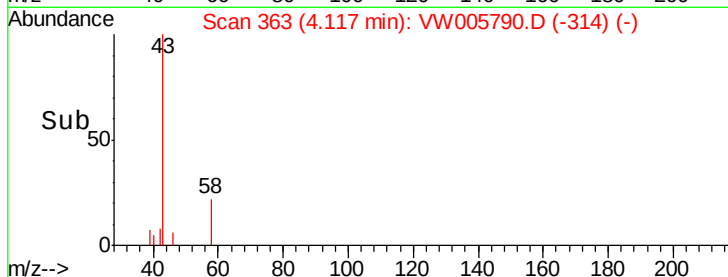
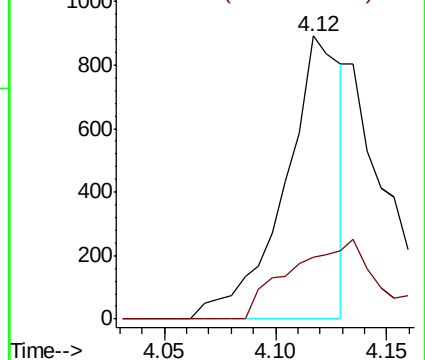
43 100

58 43.2 0.0 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 9.384 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005790.D

Acq: 02 Oct 2018 22:34

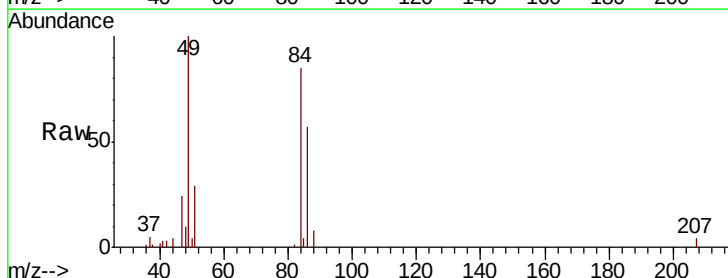
Tgt Ion: 84 Resp: 11678

Ion Ratio Lower Upper

84 100

49 117.5 87.2 162.0

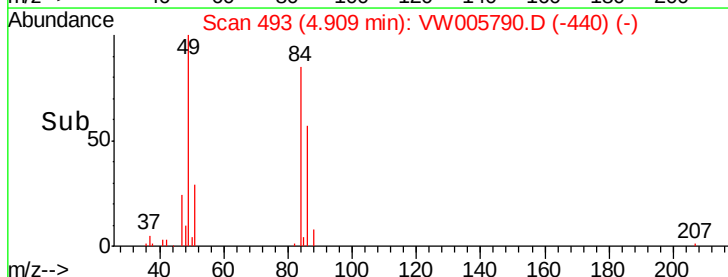
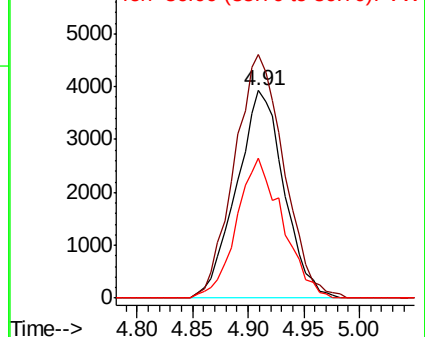
86 67.3 43.2 80.2

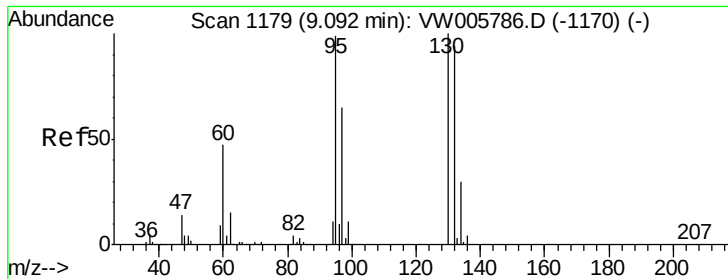


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.035 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

JLC52

Tgt Ion: 95 Resp: 2497

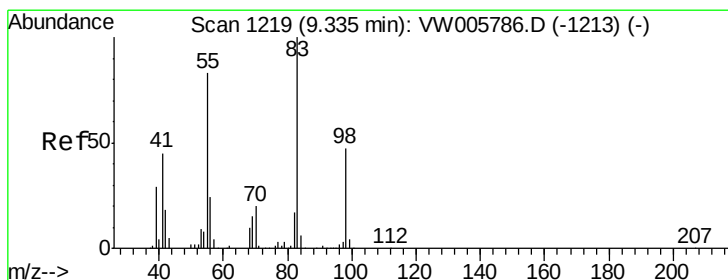
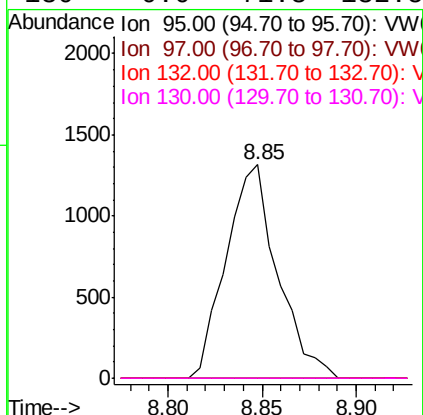
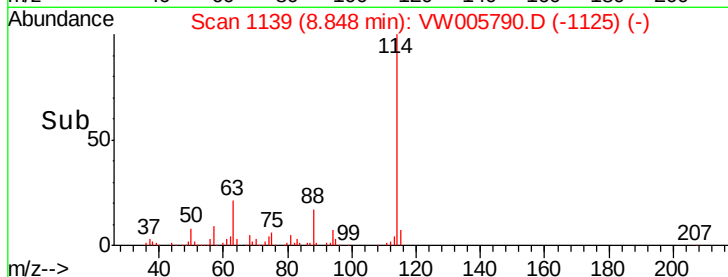
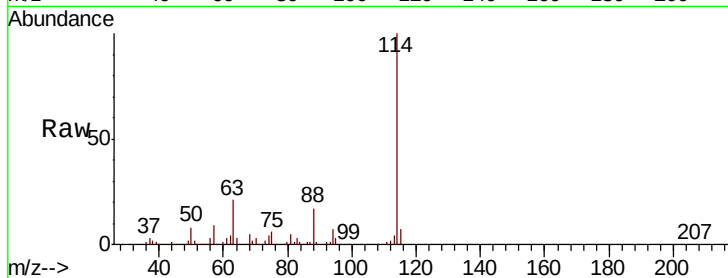
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#36

Methylcyclohexane

Concen: 3.795 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW005790.D

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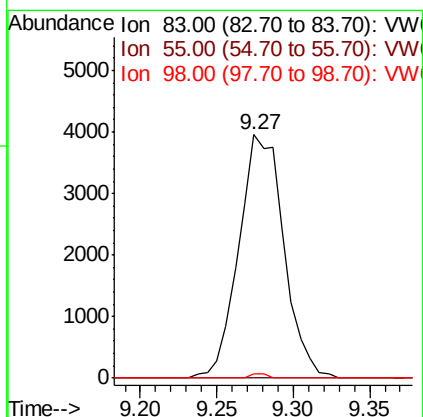
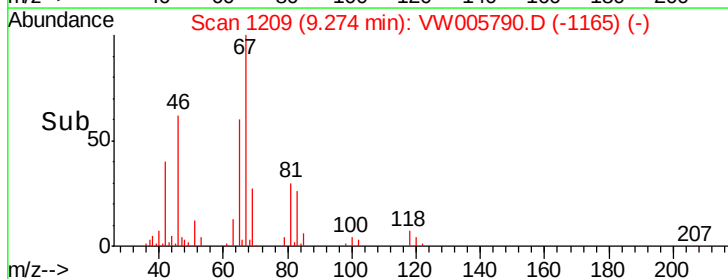
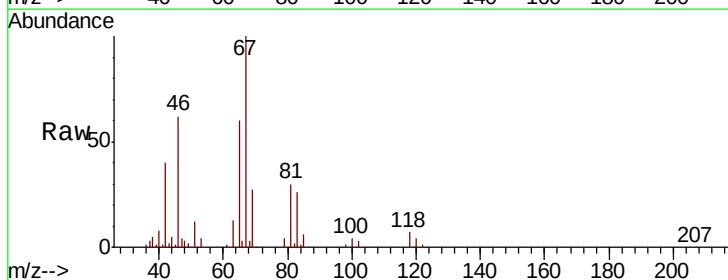
Tgt Ion: 83 Resp: 8095

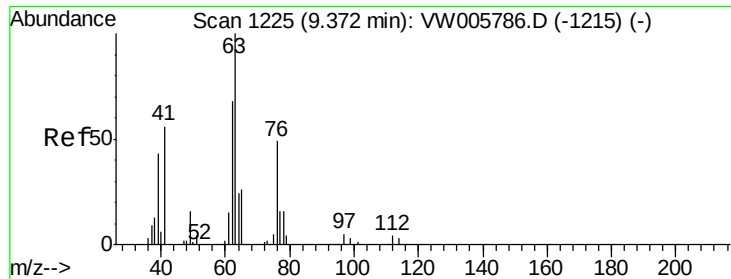
Ion Ratio Lower Upper

83 100

55 0.0 62.5 93.7#

98 0.7 37.7 56.5#

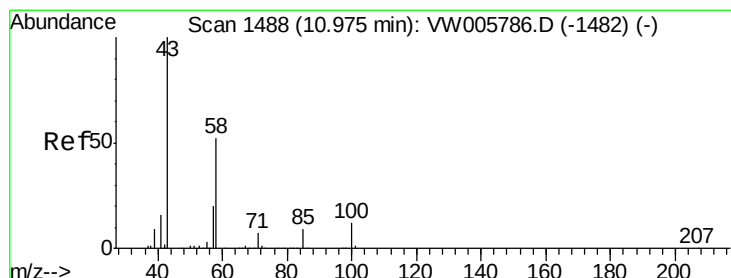
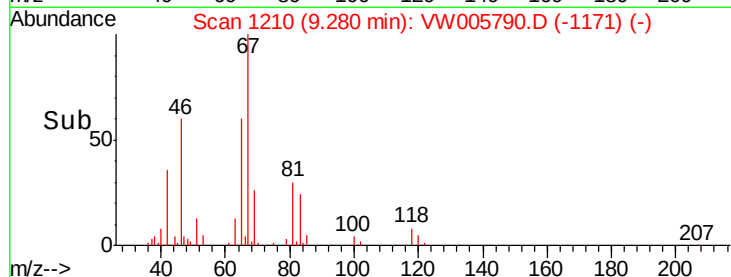
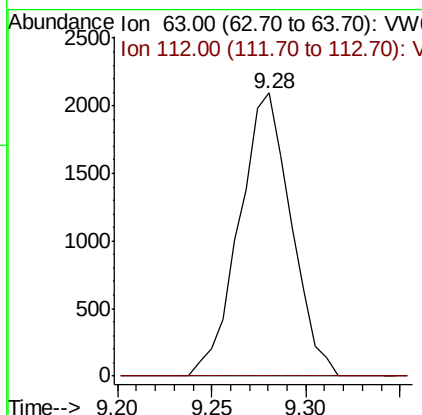
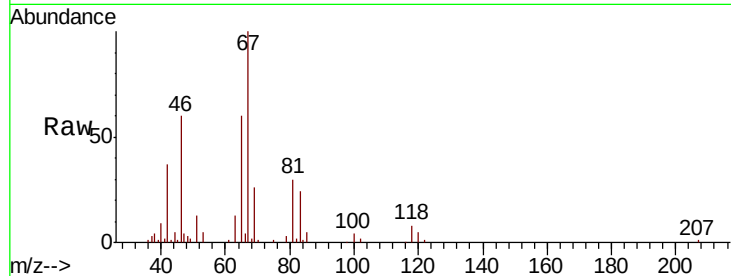




#40
 1,2-Dichloropropane
 Concen: 3.573 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW005790.D
 Acq: 02 Oct 2018 22:34

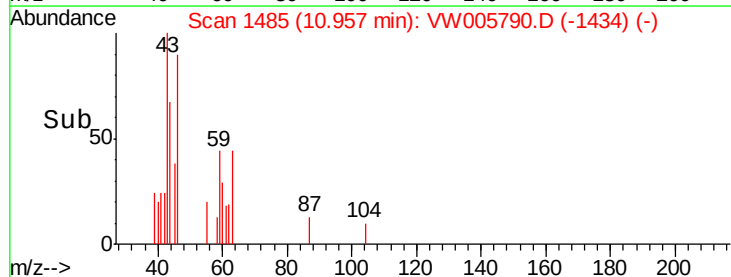
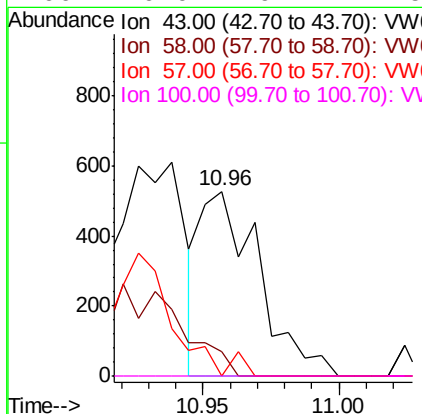
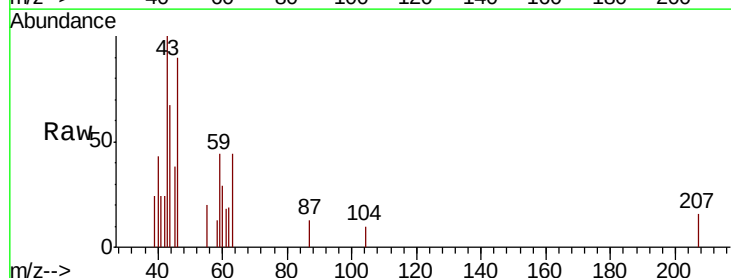
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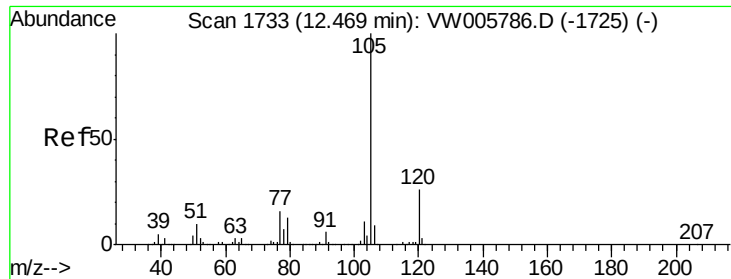
Tgt Ion: 63 Resp: 3993
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#49
 2-Hexanone
 Concen: 1.228 ug/L
 RT: 10.96 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: VW005790.D
 Acq: 02 Oct 2018 22:34

Tgt Ion: 43 Resp: 786
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.0 63.0#
 57 0.0 15.7 23.5#
 100 0.0 9.7 14.5#





#57

Isopropylbenzene

Concen: 0.508 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005790.D

Acq: 02 Oct 2018 22:34

Instrument :

MSVOA_W

ClientSampleId :

JLC52

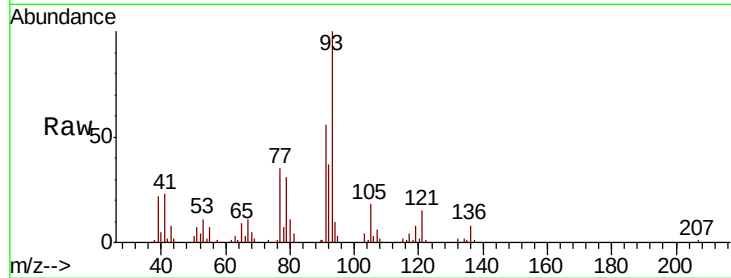
Tgt Ion:105 Resp: 3023

Ion Ratio Lower Upper

105 100

120 6.9 20.7 31.1#

77 0.0 13.0 19.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW

