

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005795.D
 Acq On : 03 Oct 2018 00:44
 Operator : SY/AP
 Sample : J5182-08
 Misc : 2.74G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC57

Quant Time: Oct 03 08:12:40 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	210866	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	156514	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	41888	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	44300	16.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.92%
7) Chloroethane-d5	2.89	69	43382	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.76%
10) 1,1-Dichloroethene-d2	4.01	63	75697	12.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.60%
20) 2-Butanone-d5	7.10	46	7880	9.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.26%#
24) Chloroform-d	7.65	84	151779	28.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.08%
26) 1,2-Dichloroethane-d4	8.31	65	91213	27.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.20%
29) Benzene-d6	8.27	84	215829	27.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.44%
33) 1,2-Dichloropropane-d6	9.28	67	81654	36.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.84%#
37) Toluene-d8	10.33	98	158708	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.00%
38) trans-1,3-Dichloropropene-	10.58	79	20019	17.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.08%
39) 2-Hexanone-d5	10.93	63	3062	5.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.68%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	55917	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	36280	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

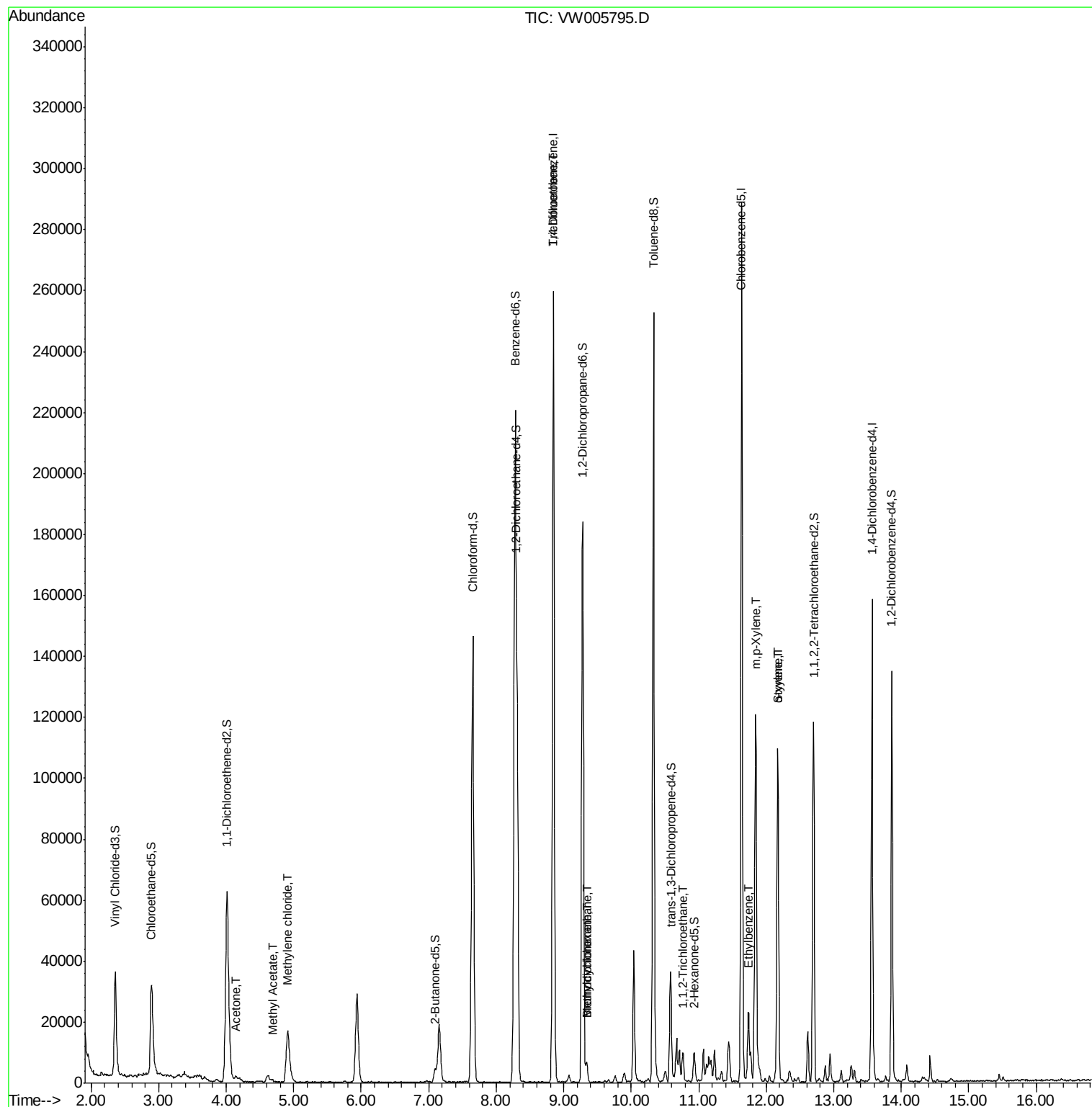
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.15	43	1602	1.783	ug/L	96
15) Methyl Acetate	4.68	43	837	0.525	ug/L #	85
16) Methylene chloride	4.92	84	14415	4.146	ug/L	94
35) Trichloroethene	8.85	95	6838	2.890	ug/L #	5
36) Methylcyclohexane	9.34	83	2096	0.509	ug/L	87
41) Bromodichloromethane	9.34	83	1545	0.510	ug/L #	26
46) 1,1,2-Trichloroethane	10.76	97	3279	1.823	ug/L #	21
53) Ethylbenzene	11.74	91	14049	1.242	ug/L	95
54) m,p-Xylene	11.84	106	34743	8.150	ug/L	94
55) o-xylene	12.17	106	27085	6.741	ug/L	94
56) Styrene	12.18	104	2218	0.315	ug/L #	1

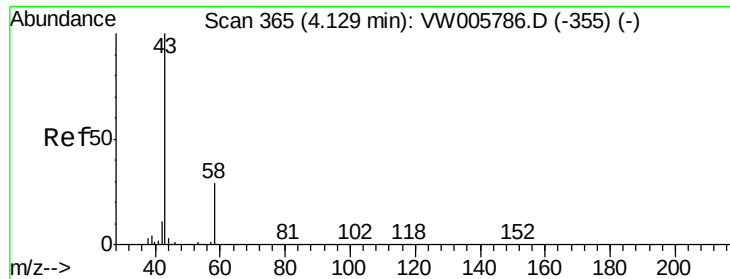
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.783 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005795.D

Acq: 03 Oct 2018 00:44

Instrument :

MSVOA_W

ClientSampleId :

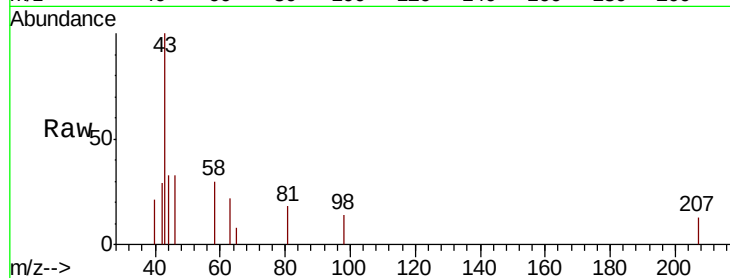
JLC57

Tgt Ion: 43 Resp: 1602

Ion Ratio Lower Upper

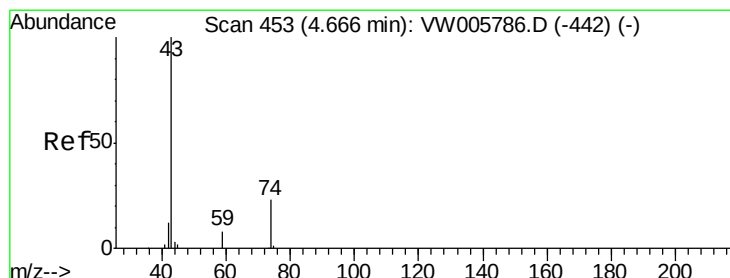
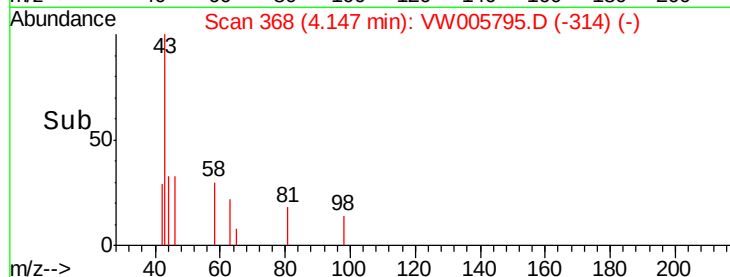
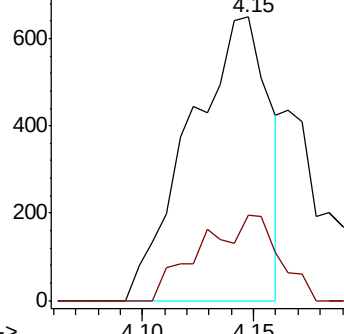
43 100

58 14.2 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.525 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW005795.D

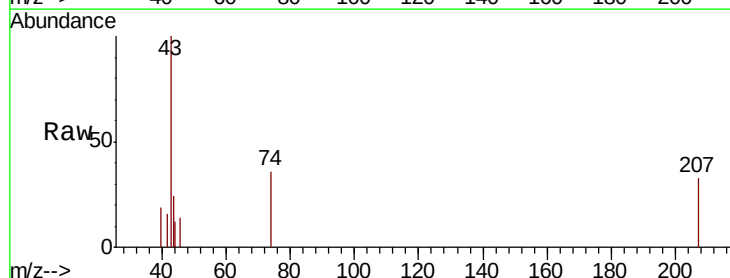
Acq: 03 Oct 2018 00:44

Tgt Ion: 43 Resp: 837

Ion Ratio Lower Upper

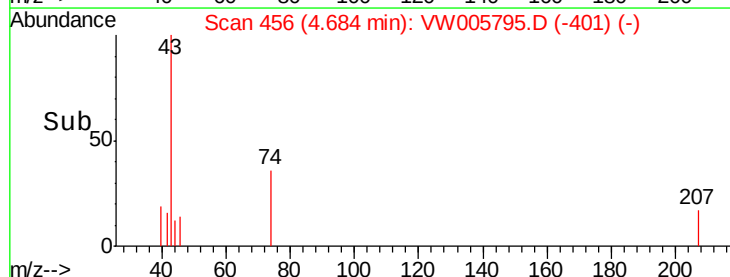
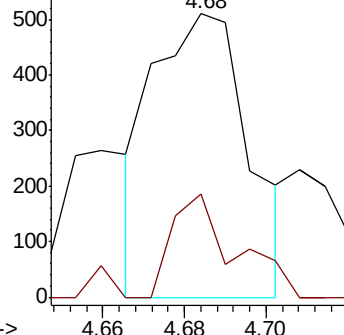
43 100

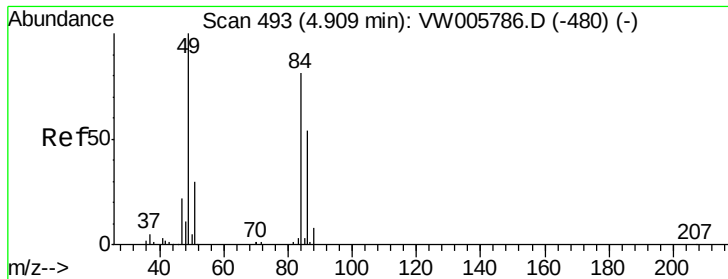
74 17.1 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

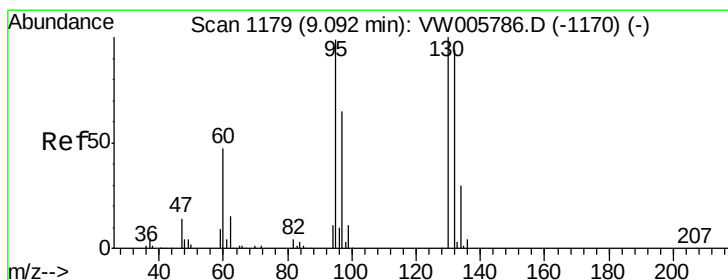
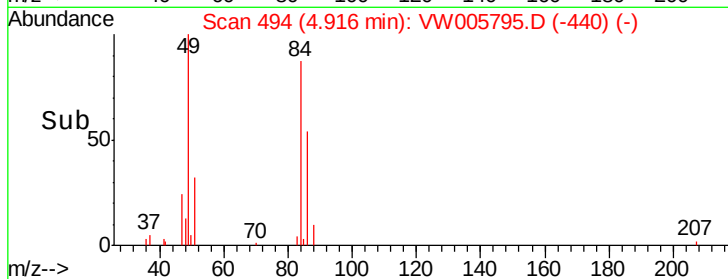
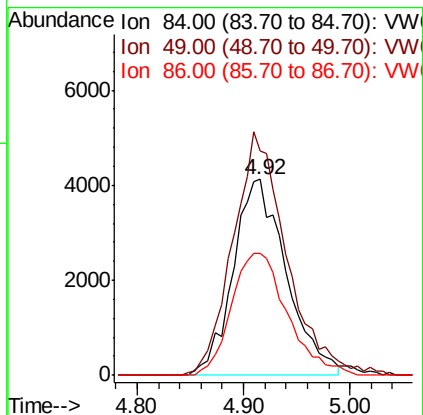
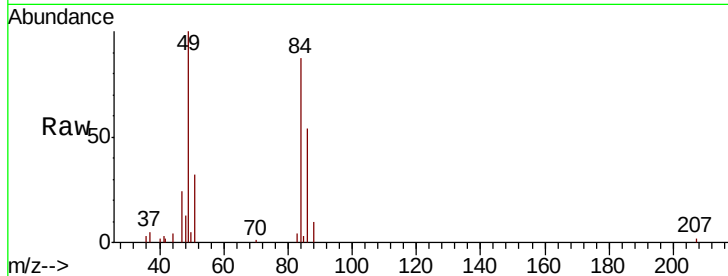




#16
Methylene chloride
Concen: 4.146 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005795.D
Acq: 03 Oct 2018 00:44

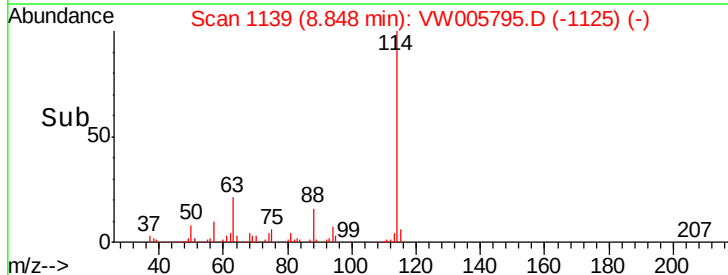
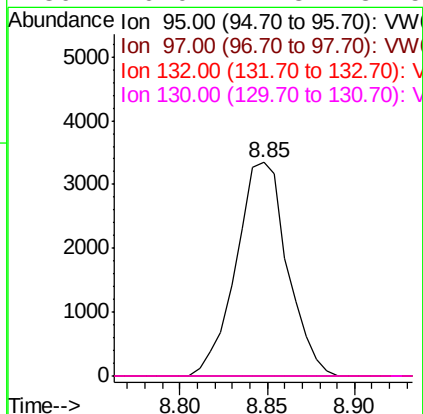
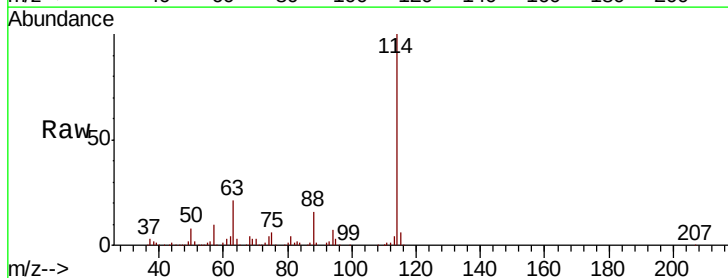
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JLC57

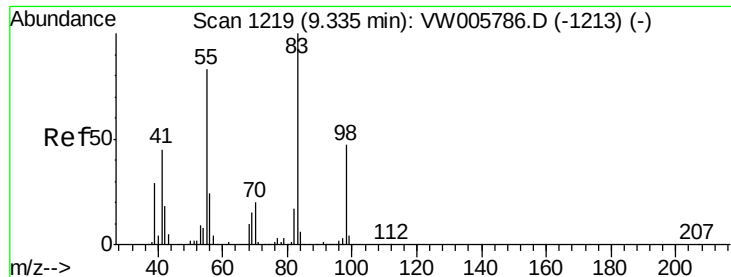
Tgt Ion: 84 Resp: 14415
Ion Ratio Lower Upper
84 100
49 114.6 87.2 162.0
86 62.2 43.2 80.2



#35
Trichloroethene
Concen: 2.890 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW005795.D
Acq: 03 Oct 2018 00:44

Tgt Ion: 95 Resp: 6838
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#

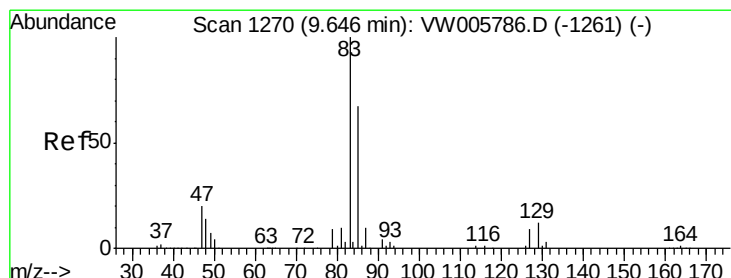
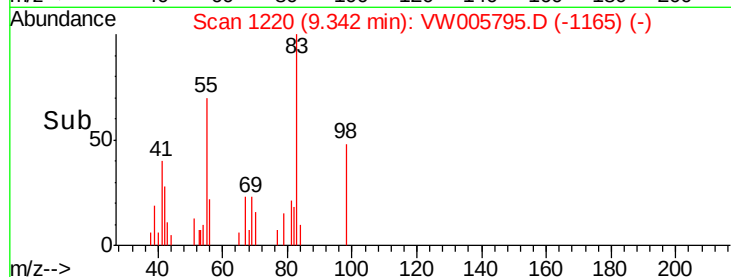
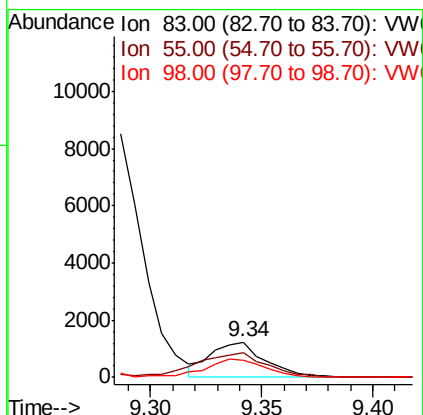
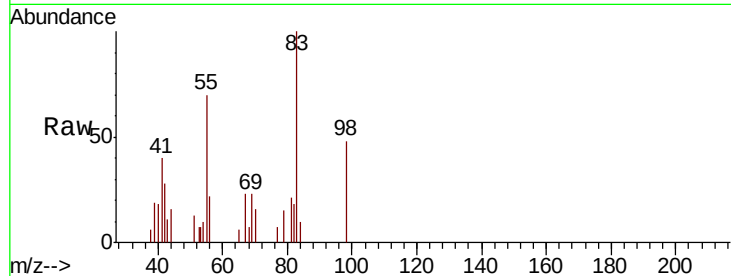




#36
Methylcyclohexane
Concen: 0.509 ug/L
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW005795.D
Acq: 03 Oct 2018 00:44

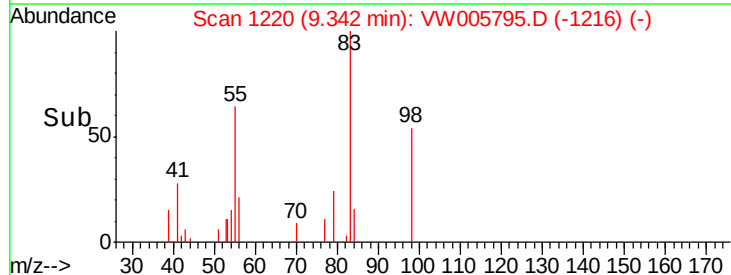
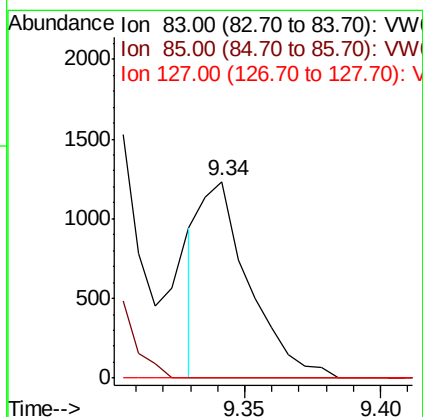
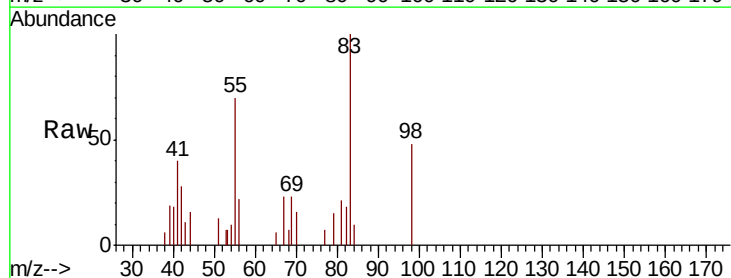
Instrument :
MSVOA_W
ClientSampled :
JLC57

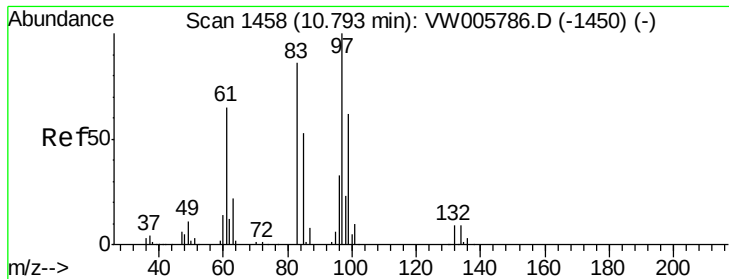
Tgt Ion: 83 Resp: 2096
Ion Ratio Lower Upper
83 100
55 90.4 62.5 93.7
98 54.1 37.7 56.5



#41
Bromodichloromethane
Concen: 0.510 ug/L
RT: 9.34 min Scan# 1220
Delta R.T. -0.30 min
Lab File: VW005795.D
Acq: 03 Oct 2018 00:44

Tgt Ion: 83 Resp: 1545
Ion Ratio Lower Upper
83 100
85 0.0 44.1 81.9#
127 0.0 7.5 11.3#

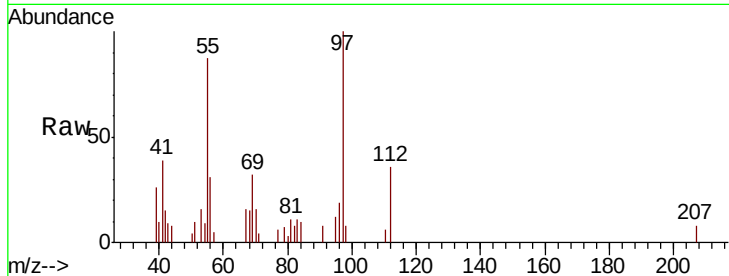




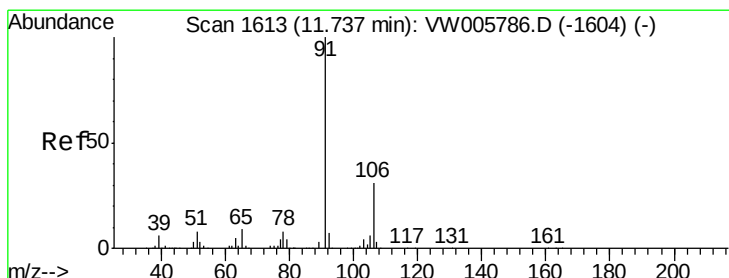
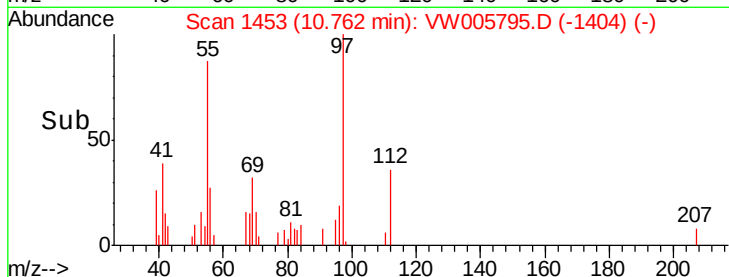
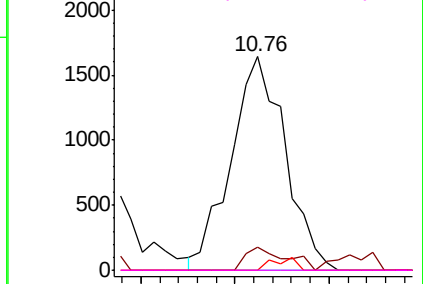
#46
 1,1,2-Trichloroethane
 Concen: 1.823 ug/L
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.03 min
 Lab File: VW005795.D
 Acq: 03 Oct 2018 00:44

Instrument :
 MSVOA_W
 ClientSampled :
 JLC57

Tgt Ion: 97 Resp: 3279
 Ion Ratio Lower Upper
 97 100
 83 10.5 58.3 108.3#
 85 0.0 38.0 70.6#
 99 0.0 42.8 79.4#

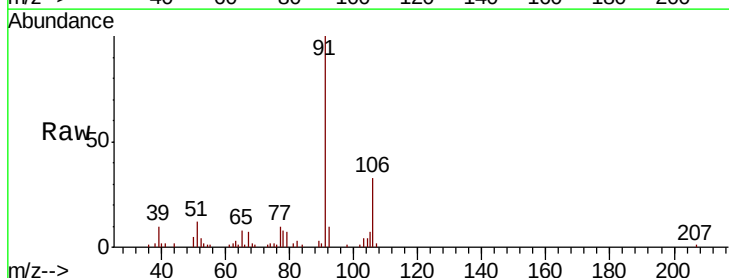


Abundance Ion 97.00 (96.70 to 97.70): VW
 Ion 83.00 (82.70 to 83.70): VW
 Ion 85.00 (84.70 to 85.70): VW
 Ion 99.00 (98.70 to 99.70): VW

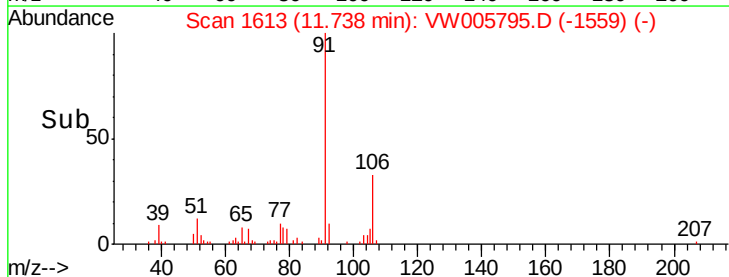
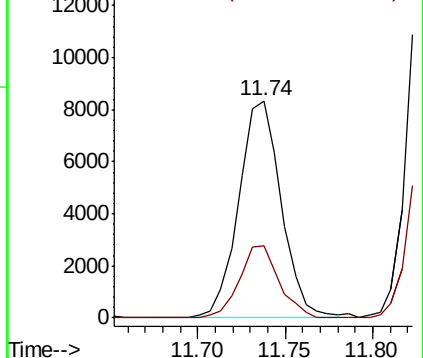


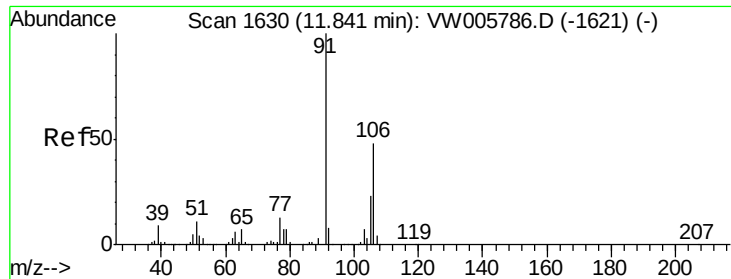
#53
 Ethylbenzene
 Concen: 1.242 ug/L
 RT: 11.74 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: VW005795.D
 Acq: 03 Oct 2018 00:44

Tgt Ion: 91 Resp: 14049
 Ion Ratio Lower Upper
 91 100
 106 33.4 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 8.150 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW005795.D

Acq: 03 Oct 2018 00:44

Instrument :

MSVOA_W

ClientSampleId :

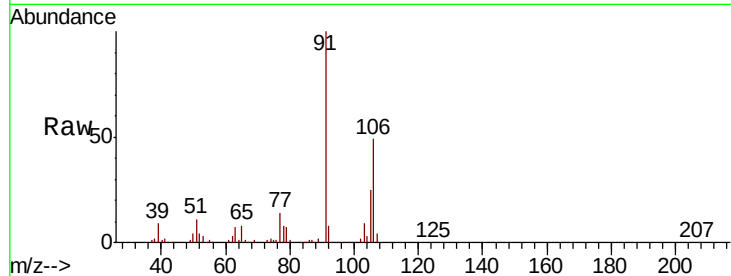
JLC57

Tgt Ion:106 Resp: 34743

Ion Ratio Lower Upper

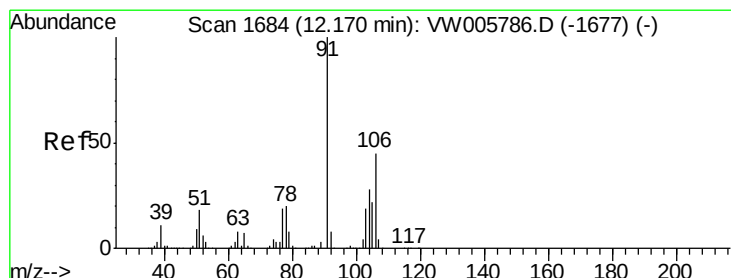
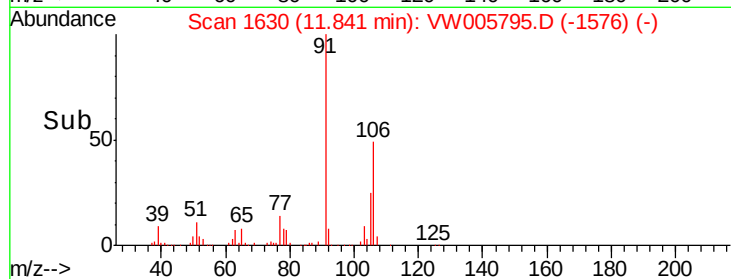
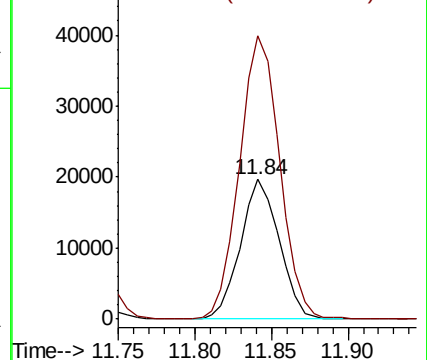
106 100

91 202.4 147.7 274.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 6.741 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW005795.D

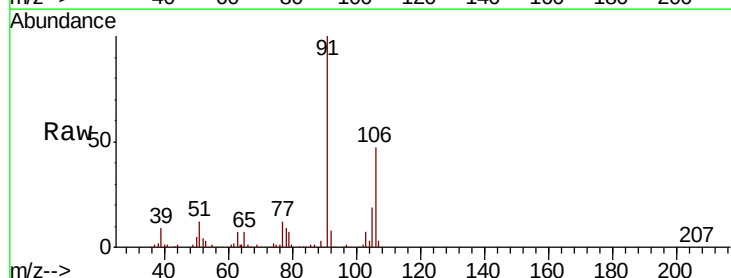
Acq: 03 Oct 2018 00:44

Tgt Ion:106 Resp: 27085

Ion Ratio Lower Upper

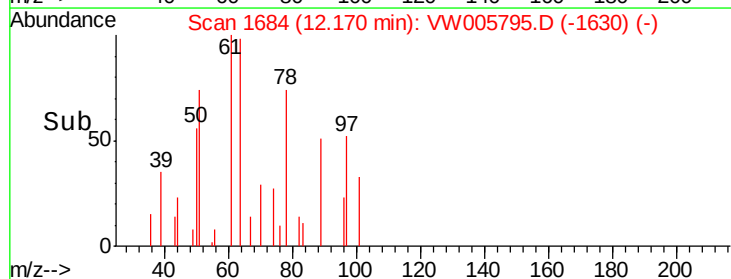
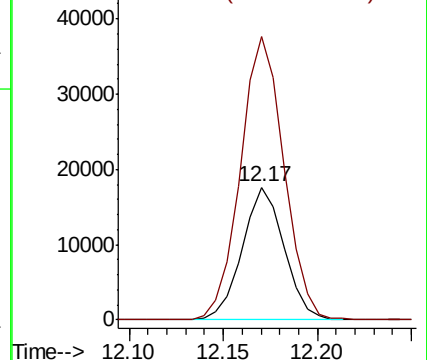
106 100

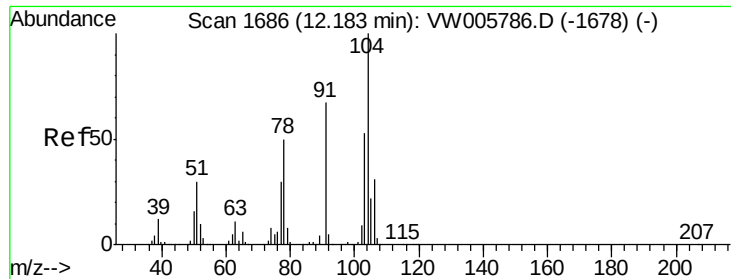
91 213.7 156.5 290.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Styrene

Concen: 0.315 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW005795.D

Acq: 03 Oct 2018 00:44

Instrument :

MSVOA_W

ClientSampleId :

JLC57

Tgt Ion:104 Resp: 2218

Ion Ratio Lower Upper

104 100

78 190.9 32.2 59.8#

