

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005797.D
 Acq On : 03 Oct 2018 01:36
 Operator : SY/AP
 Sample : J5182-10
 Misc : 4.63G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC59

Quant Time: Oct 03 08:12:51 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	121712	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	134353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	54950	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	17866	11.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.04%
7) Chloroethane-d5	2.90	69	18609	15.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.48%
10) 1,1-Dichloroethene-d2	4.01	63	34976	10.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.28%#
20) 2-Butanone-d5	7.09	46	13347	26.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.60%
24) Chloroform-d	7.65	84	82335	26.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.32%
26) 1,2-Dichloroethane-d4	8.31	65	61618	32.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.16%#
29) Benzene-d6	8.28	84	129820	19.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.08%
33) 1,2-Dichloropropane-d6	9.28	67	48119	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.33	98	113371	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.08%
38) trans-1,3-Dichloropropene-	10.58	79	20067	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.52%
39) 2-Hexanone-d5	10.93	63	9460	21.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54396	29.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	46980	24.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.64%

Target Compounds

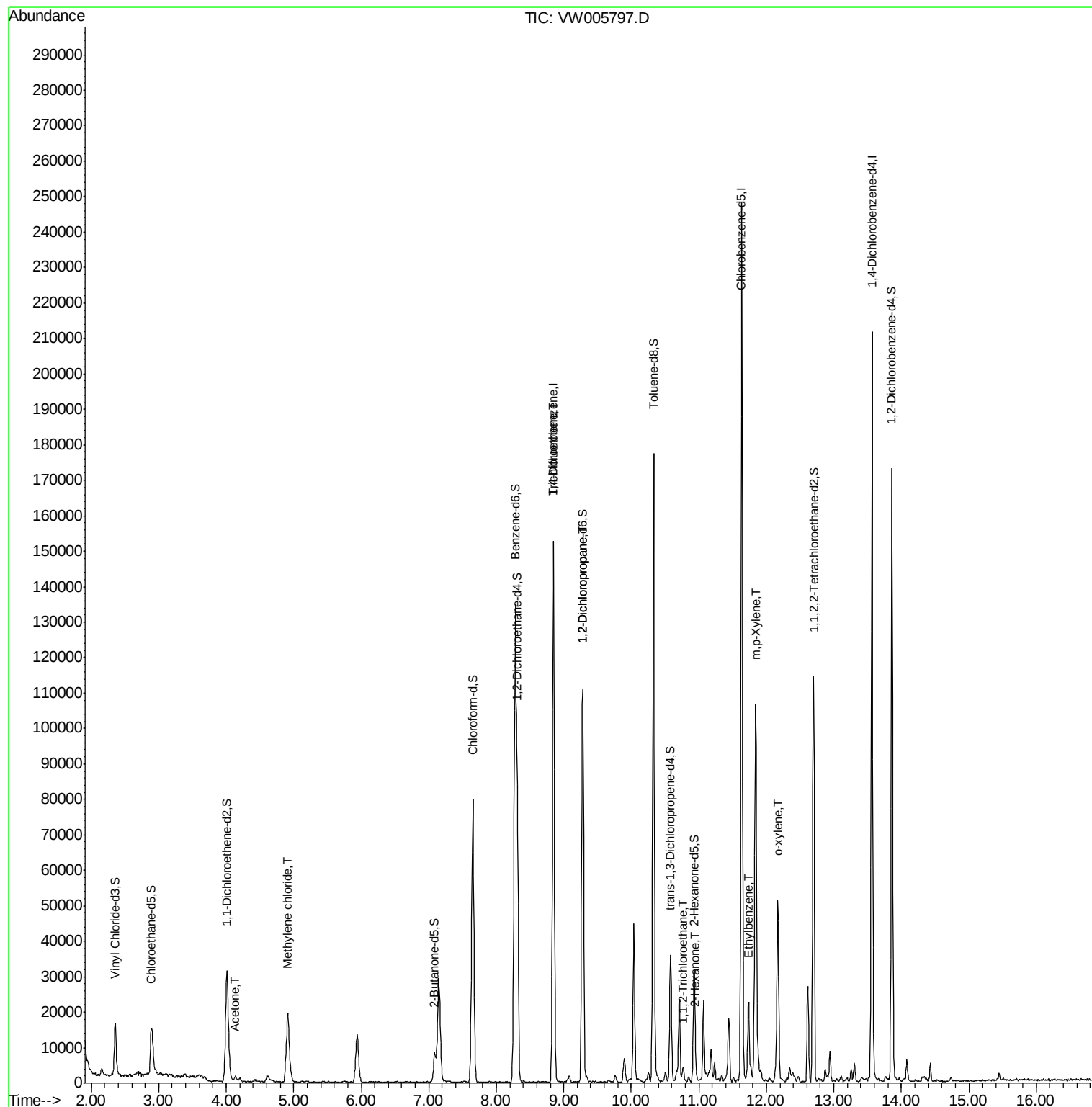
					Qvalue
13) Acetone	4.13	43	1403	2.705 ug/L	85
16) Methylene chloride	4.91	84	14853	7.401 ug/L	97
35) Trichloroethene	8.84	95	3807	1.875 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	6233	3.369 ug/L #	87
46) 1,1,2-Trichloroethane	10.77	97	1204	0.780 ug/L #	26
49) 2-Hexanone	10.96	43	970	0.915 ug/L #	42
53) Ethylbenzene	11.74	91	13878	1.429 ug/L	95
54) m,p-Xylene	11.84	106	31139	8.509 ug/L	98
55) o-xylene	12.17	106	12201	3.537 ug/L	95

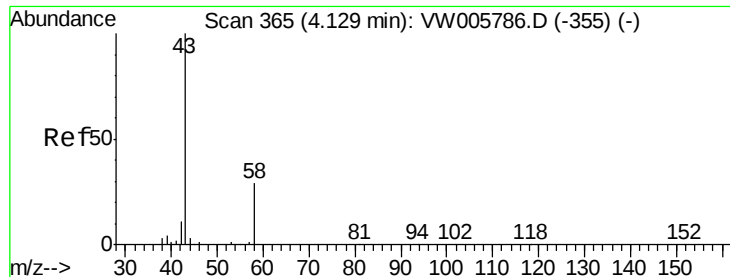
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.705 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

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Acq: 03 Oct 2018 01:36

Instrument :

MSVOA_W

ClientSampled :

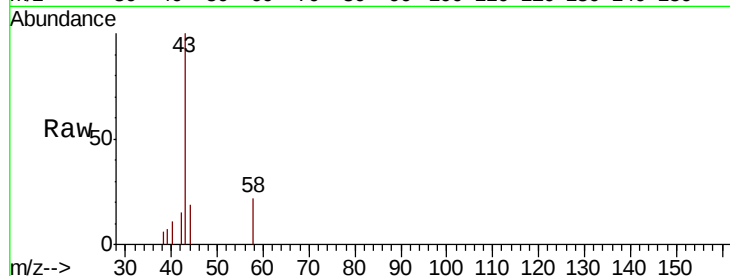
JLC59

Tgt Ion: 43 Resp: 1403

Ion Ratio Lower Upper

43 100

58 9.3 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1000

800

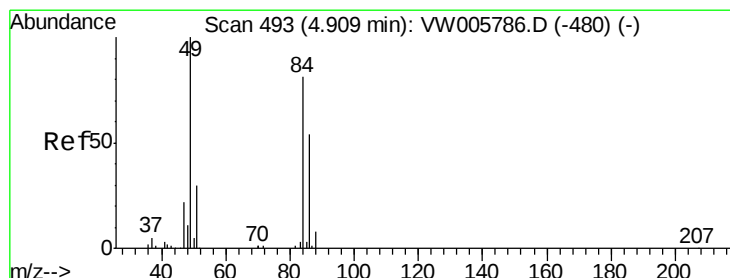
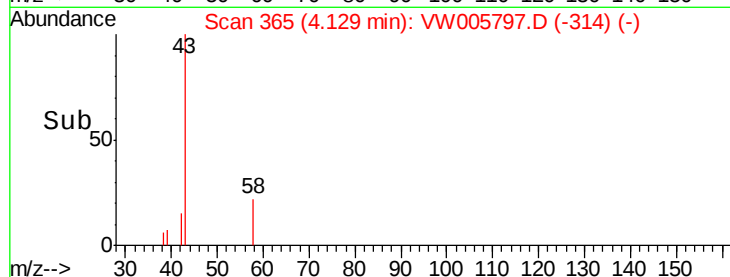
600

400

200

0

Time--> 4.05 4.10 4.15



#16

Methylene chloride

Concen: 7.401 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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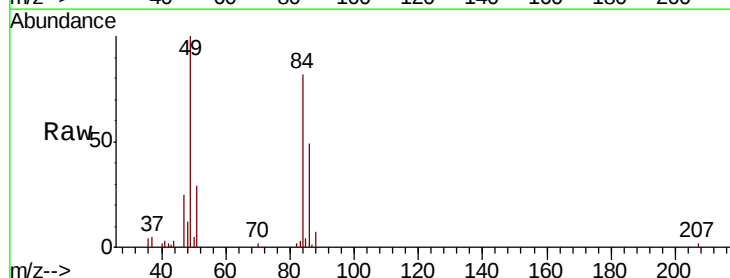
Tgt Ion: 84 Resp: 14853

Ion Ratio Lower Upper

84 100

49 121.3 87.2 162.0

86 60.2 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

8000

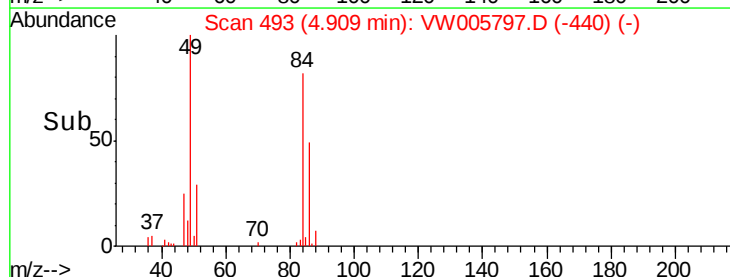
6000

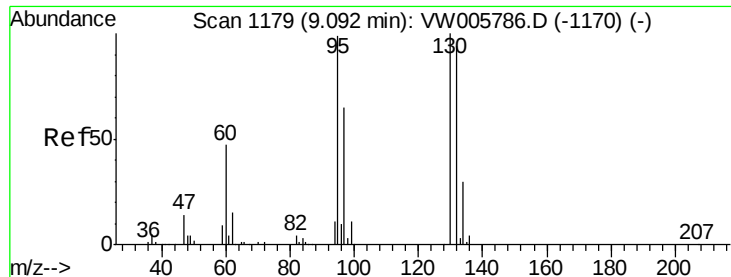
4000

2000

0

Time--> 4.80 4.90 5.00





#35

Trichloroethene

Concen: 1.875 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

JLC59

Tgt Ion: 95 Resp: 3807

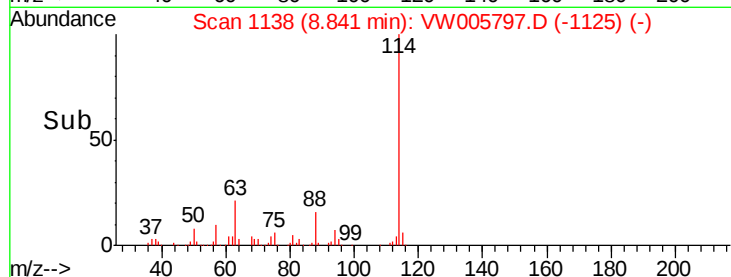
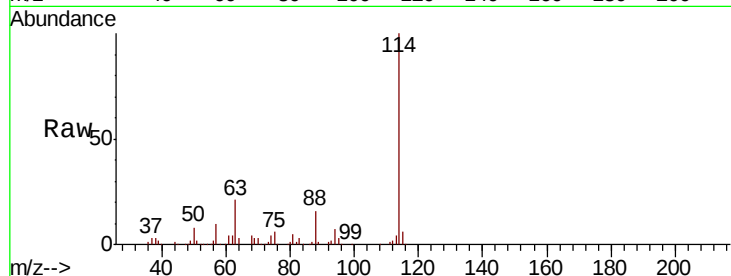
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 1.9 68.0 126.4#

130 0.0 71.3 132.5#

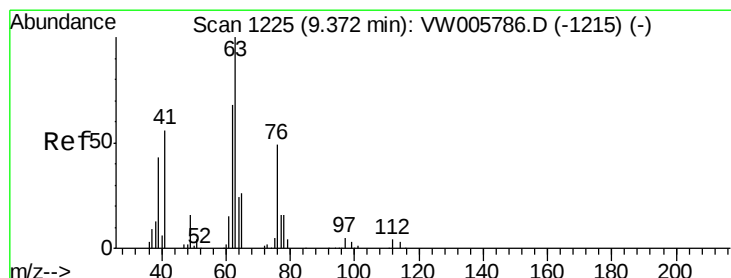
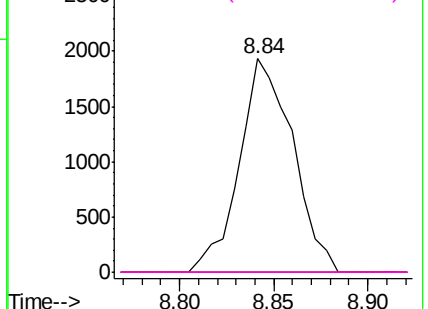


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.369 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005797.D

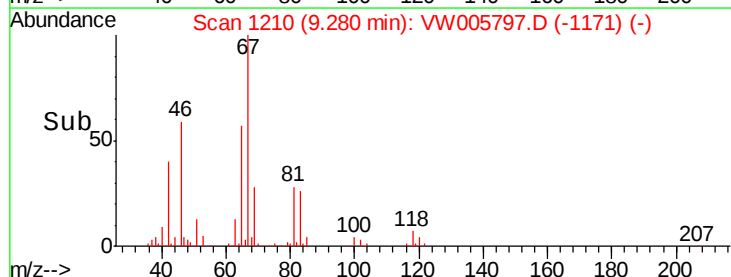
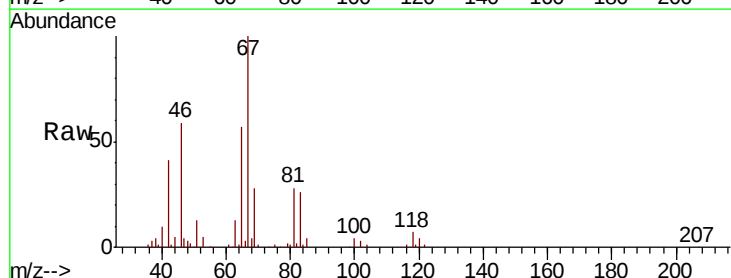
Acq: 03 Oct 2018 01:36

Tgt Ion: 63 Resp: 6233

Ion Ratio Lower Upper

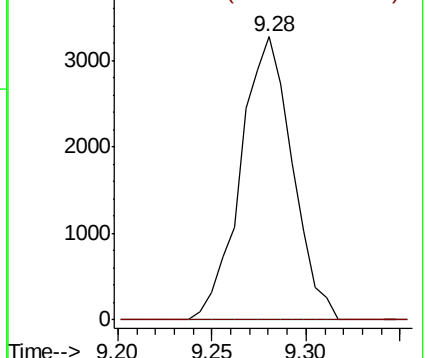
63 100

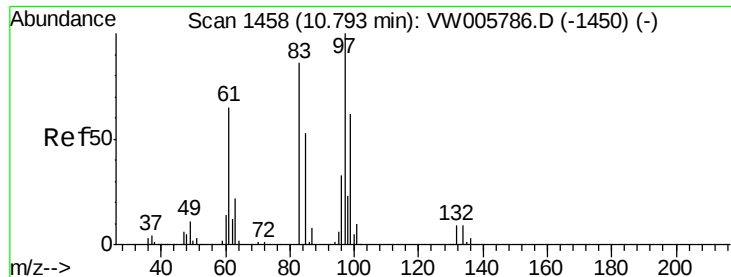
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

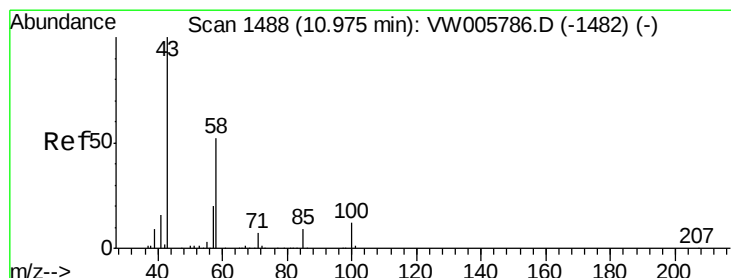
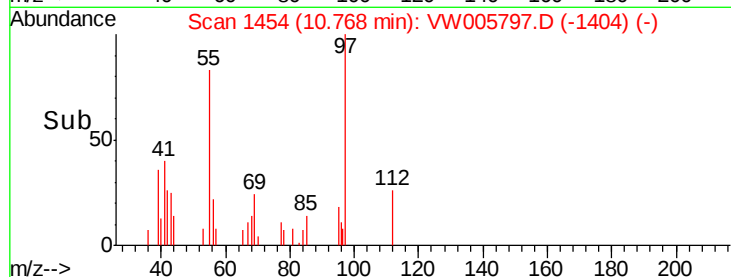
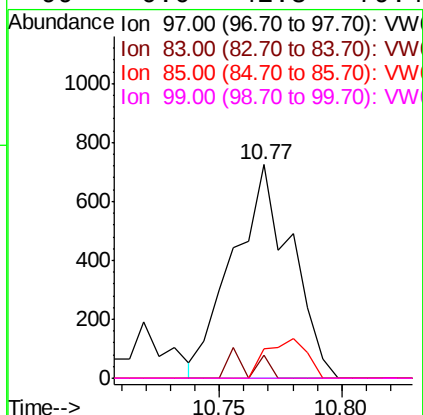
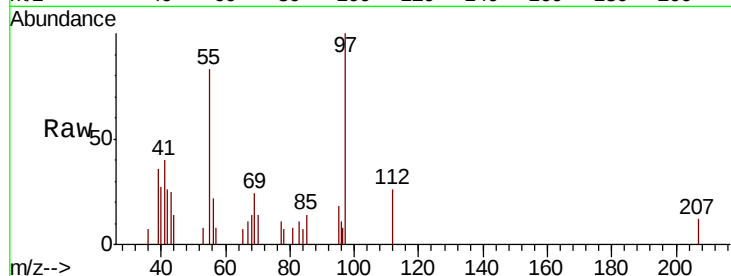




#46
 1,1,2-Trichloroethane
 Concen: 0.780 ug/L
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW005797.D
 Acq: 03 Oct 2018 01:36

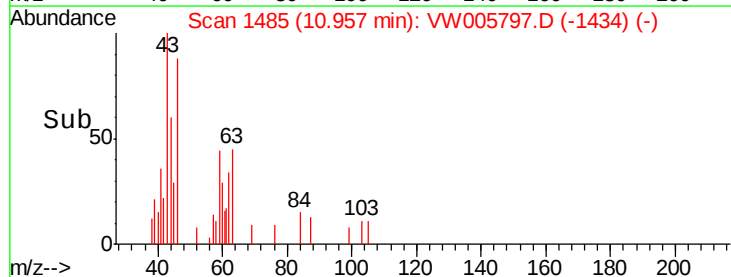
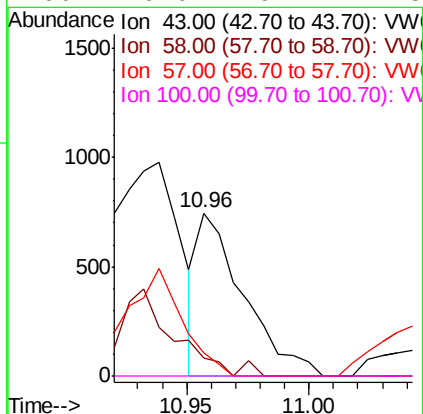
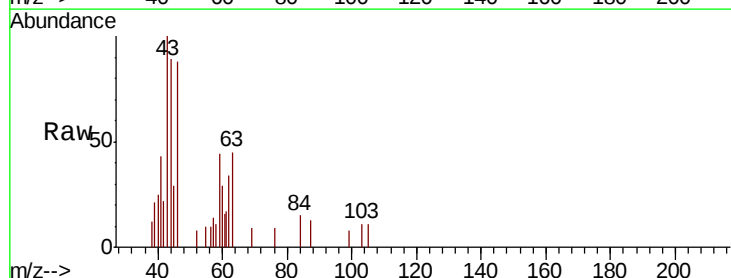
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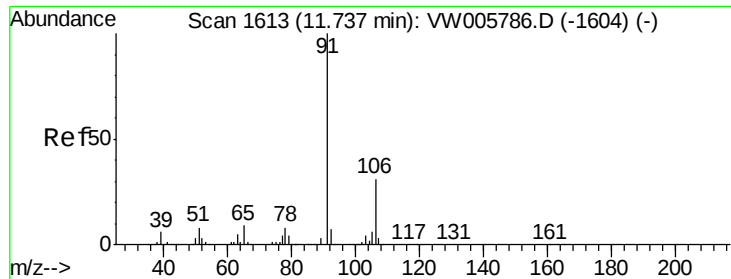
Tgt Ion: 97 Resp: 1204
 Ion Ratio Lower Upper
 97 100
 83 10.6 58.3 108.3#
 85 13.7 38.0 70.6#
 99 0.0 42.8 79.4#



#49
 2-Hexanone
 Concen: 0.915 ug/L
 RT: 10.96 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: VW005797.D
 Acq: 03 Oct 2018 01:36

Tgt Ion: 43 Resp: 970
 Ion Ratio Lower Upper
 43 100
 58 2.7 42.0 63.0#
 57 0.0 15.7 23.5#
 100 0.0 9.7 14.5#

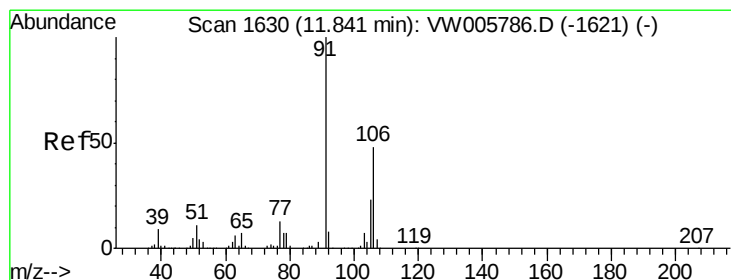
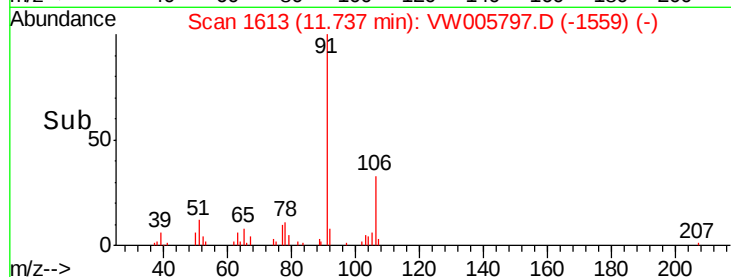
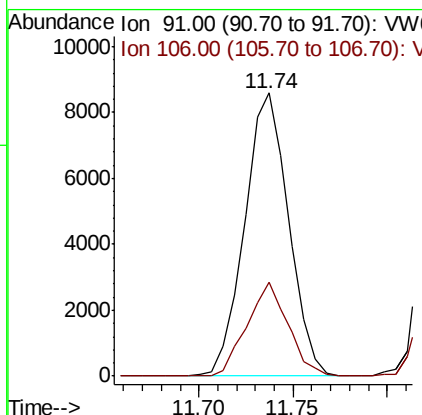
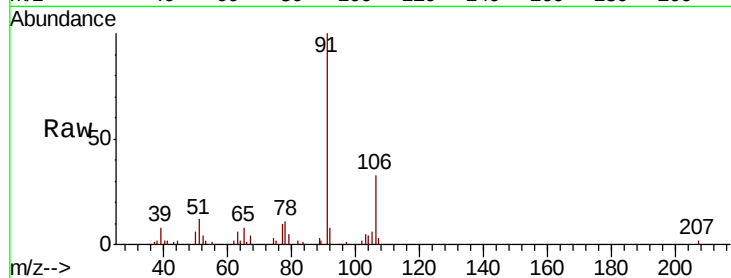




#53
Ethylbenzene
Concen: 1.429 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005797.D
Acq: 03 Oct 2018 01:36

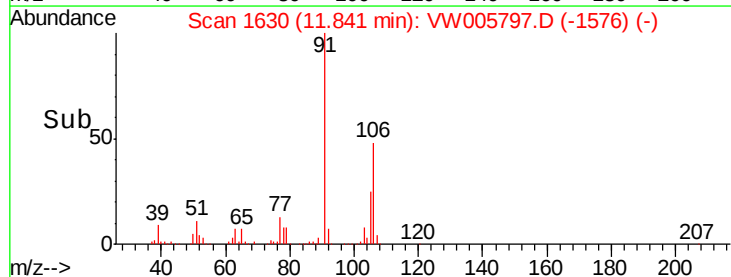
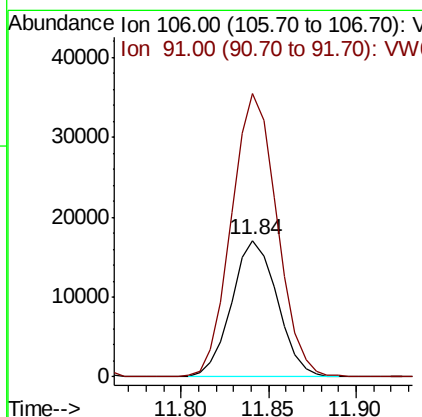
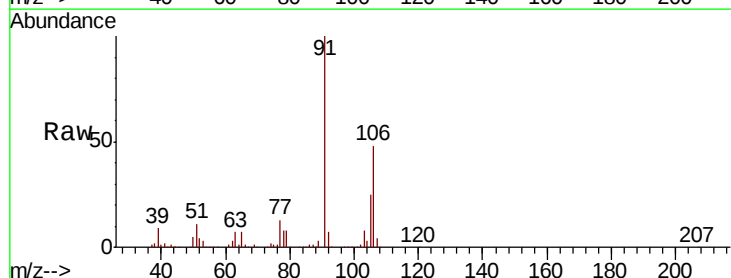
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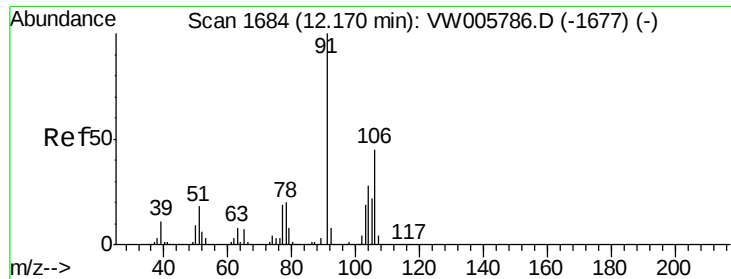
Tgt Ion: 91 Resp: 13878
Ion Ratio Lower Upper
91 100
106 33.2 21.5 39.9



#54
m,p-Xylene
Concen: 8.509 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005797.D
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Tgt Ion: 106 Resp: 31139
Ion Ratio Lower Upper
106 100
91 207.5 147.7 274.3





#55
o-xylene
Concen: 3.537 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005797.D
Acq: 03 Oct 2018 01:36

Instrument :
MSVOA_W
ClientSampleId :
JLC59

Tgt Ion:106 Resp: 12201
Ion Ratio Lower Upper
106 100
91 215.9 156.5 290.7

