

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007133.D
 Acq On : 23 Aug 2018 12:13
 Operator : SY/MD
 Sample : J4599-11MSD
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOL3MSD

Quant Time: Aug 24 01:40:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:26:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	539607	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	487282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	197944	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	148425	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.54%
7) Chloroethane-d5	1.56	69	78610	36.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.08%
11) 1,1-Dichloroethene-d2	2.13	63	281096	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
21) 2-Butanone-d5	3.95	46	308978	107.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.05%
24) Chloroform-d	4.40	84	329031	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
26) 1,2-Dichloroethane-d4	5.09	65	208374	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.10	84	663741	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
36) 1,2-Dichloropropane-d6	6.12	67	228821	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.16%
41) Toluene-d8	7.36	98	530102	44.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.98%
43) trans-1,3-Dichloropropene-	7.67	79	90528	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.40%
47) 2-Hexanone-d5	8.14	63	167845	105.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.37%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	320077	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	208749	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%

Target Compounds

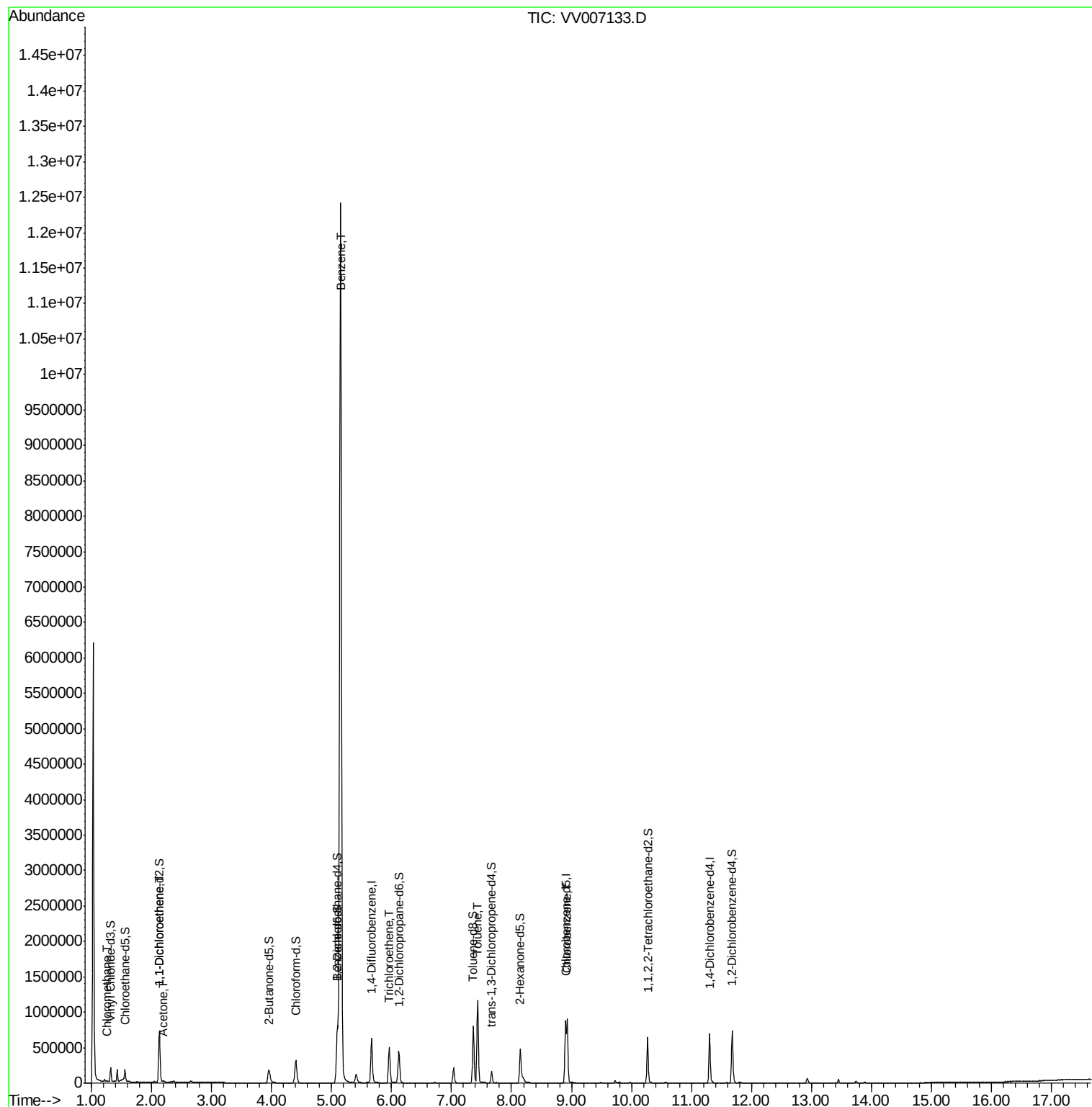
					Ovalue
3) Chloromethane	1.25	50	9003	1.44 ug/L	94
12) 1,1-Dichloroethene	2.14	96	148681	41.39 ug/L	92
13) Acetone	2.20	43	10959	4.84 ug/L	95
33) Benzene	5.15	78	12306372	737.24 ug/L	100
34) Trichloroethene	5.96	95	173989	43.98 ug/L	98
42) Toluene	7.44	91	847151	52.64 ug/L	99
51) Chlorobenzene	8.93	112	476259	44.68 ug/L	99

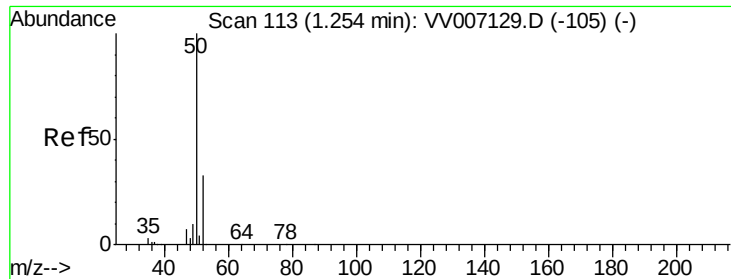
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 24 01:26:08 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.44 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.00 min

Lab File: VV007133.D

Acq: 23 Aug 2018 12:13

Instrument :

MSVOA_V

ClientSampleId :

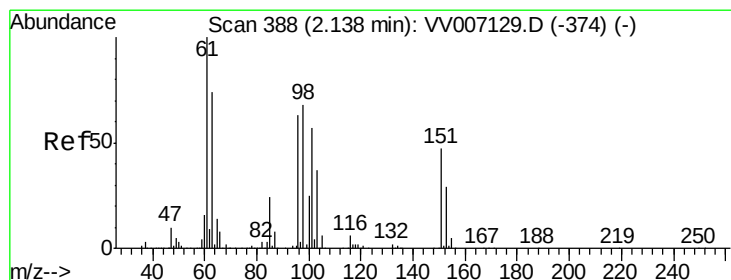
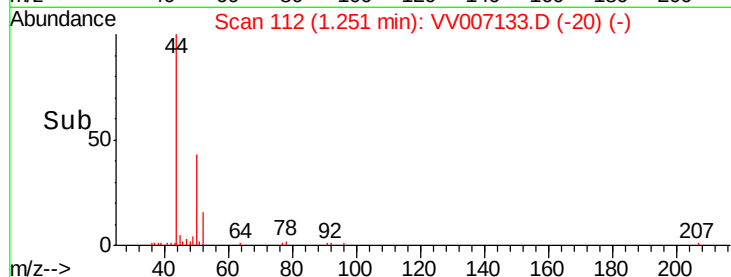
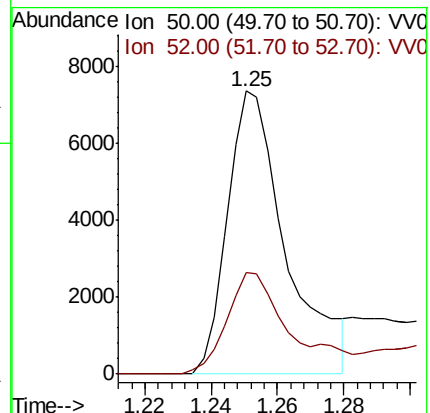
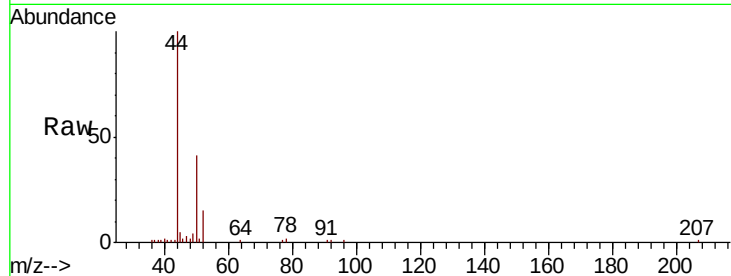
ETOL3MSD

Tot Ion: 50 Resp: 9003

Ion Ratio Lower Upper

50 100

52 36.0 23.0 42.8



#12

1,1-Dichloroethene

Concen: 41.39 ug/L

RT: 2.14 min Scan# 388

Delta R.T. 0.00 min

Lab File: VV007133.D

Acq: 23 Aug 2018 12:13

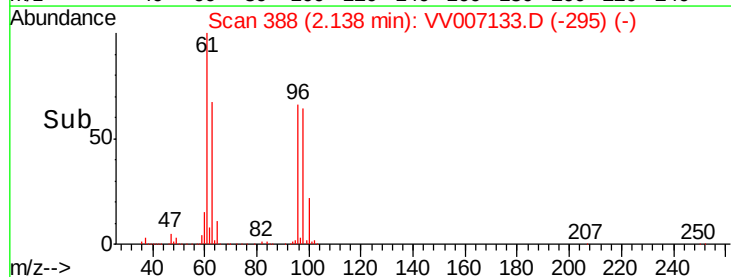
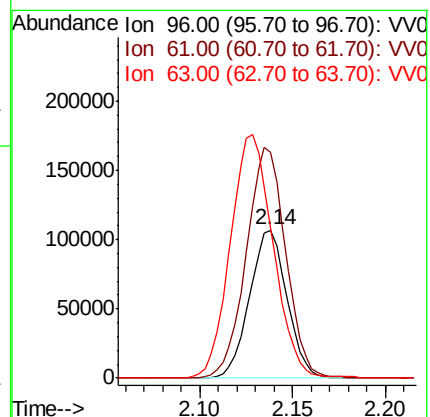
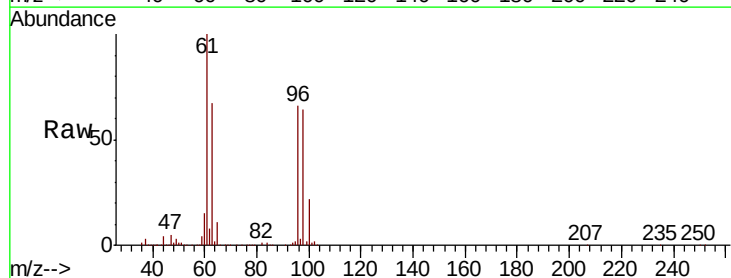
Tgt Ion: 96 Resp: 148681

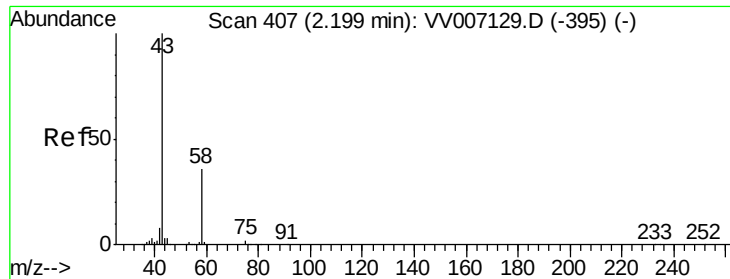
Ion Ratio Lower Upper

96 100

61 152.5 110.0 204.2

63 101.9 81.8 152.0





#13

Acetone

Concen: 4.84 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV007133.D

Acq: 23 Aug 2018 12:13

Instrument :

MSVOA_V

ClientSampleId :

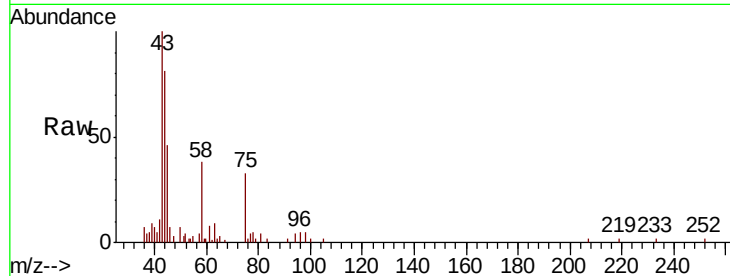
ETOL3MSD

Tot Ion: 43 Resp: 10959

Ion Ratio Lower Upper

43 100

58 39.4 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VV007129.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VV007129.D (-395) (-)

2.20

8000

6000

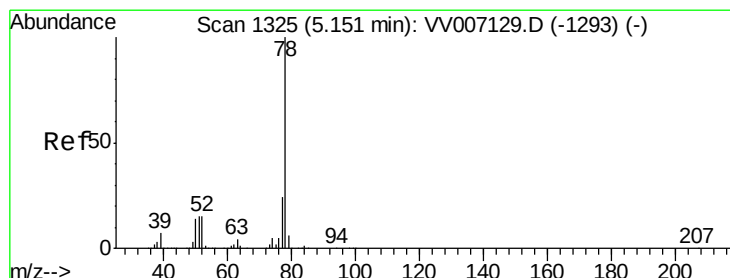
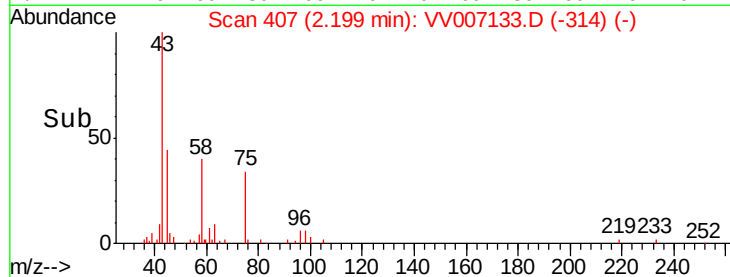
4000

2000

0

Time-->

2.15 2.20 2.25



#33

Benzene

Concen: 737.24 ug/L

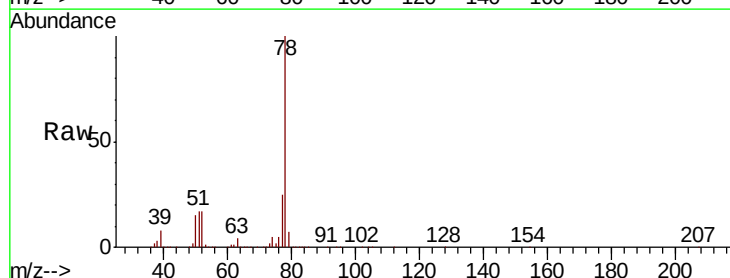
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VV007133.D

Acq: 23 Aug 2018 12:13

Tgt Ion: 78 Resp:12306372



Abundance Ion 78.00 (77.70 to 78.70): VV007129.D (-1293) (-)

5.15

6000000

5000000

4000000

3000000

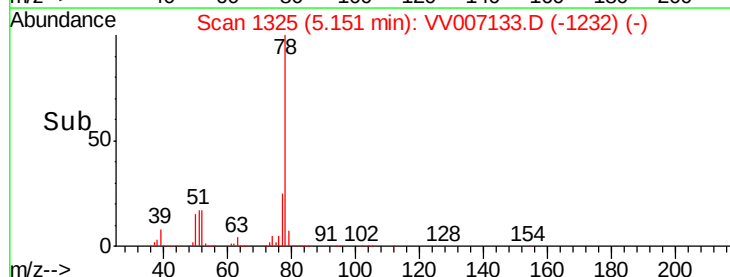
2000000

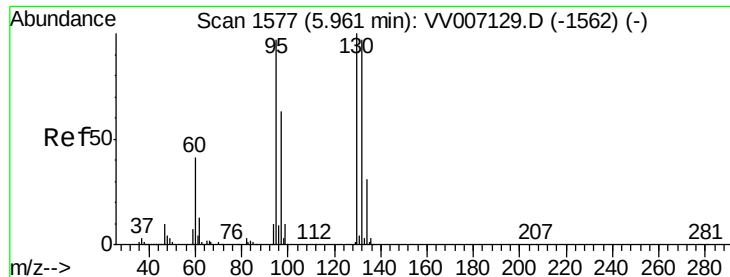
1000000

0

Time-->

5.00 5.10 5.20 5.30 5.40





#34

Trichloroethene

Concen: 43.98 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV007133.D

Acq: 23 Aug 2018 12:13

Instrument :

MSVOA_V

ClientSampleId :

ETOL3MSD

Tot Ion: 95 Resp: 173989

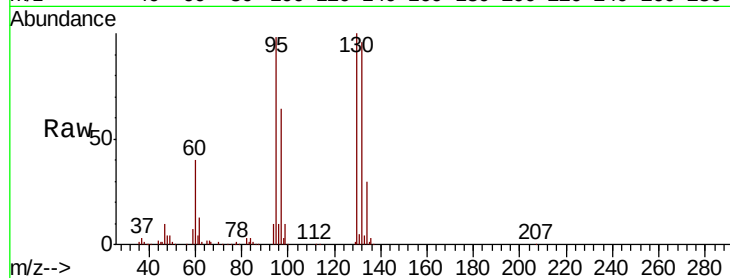
Ion Ratio Lower Upper

95 100

97 65.4 45.1 83.9

132 98.0 69.7 129.4

130 102.5 73.6 136.6

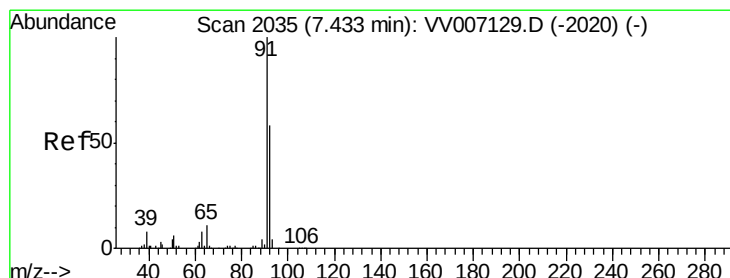
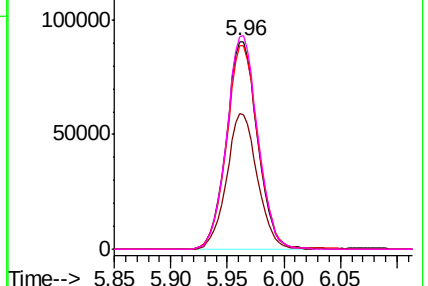
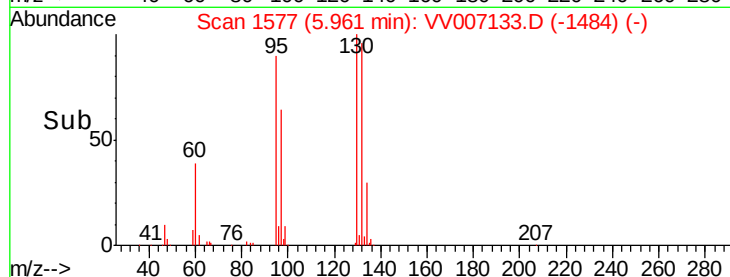


Abundance Ion 95.00 (94.70 to 95.70): VV007133.D (-1484) (-)

Ion 97.00 (96.70 to 97.70): VV007133.D (-1484) (-)

Ion 132.00 (131.70 to 132.70): VV007133.D (-1484) (-)

Ion 130.00 (129.70 to 130.70): VV007133.D (-1484) (-)



#42

Toluene

Concen: 52.64 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007133.D

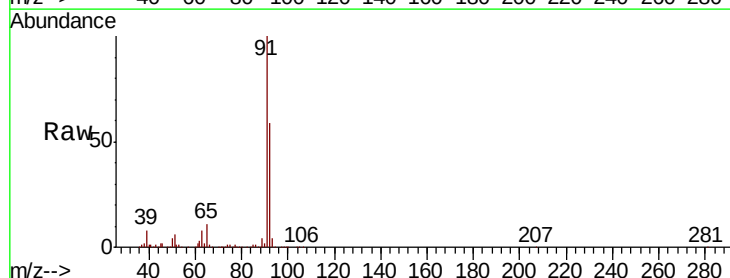
Acq: 23 Aug 2018 12:13

Tgt Ion: 91 Resp: 847151

Ion Ratio Lower Upper

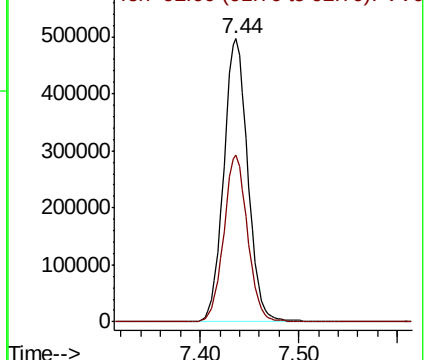
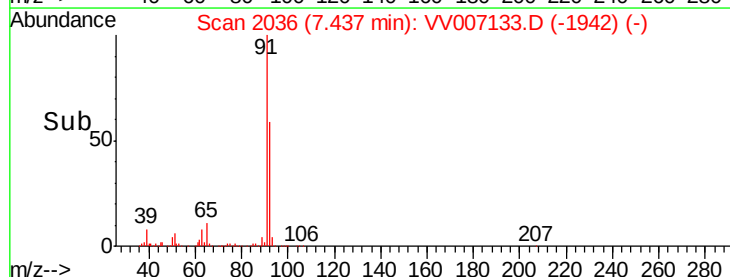
91 100

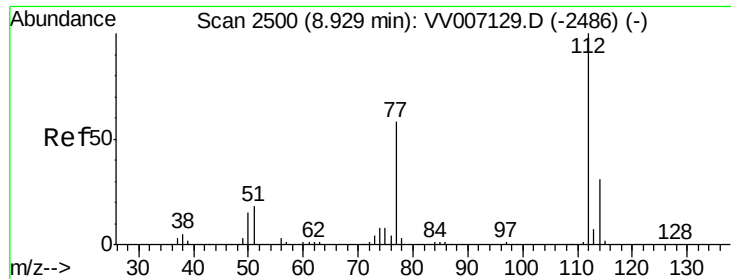
92 59.0 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV007133.D (-1942) (-)

Ion 92.00 (91.70 to 92.70): VV007133.D (-1942) (-)





#51
 Chlorobenzene
 Concen: 44.68 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VV007133.D
 Acq: 23 Aug 2018 12:13

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOL3MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.3
77	58.9	46.6	70.0

