

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006964.D
 Acq On : 09 Aug 2018 21:47
 Operator : SY/MD
 Sample : J4399-02
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BC6R2

Quant Time: Aug 10 09:07:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 02:34:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	237550	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227878	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96661	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71036	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	65402	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	94028	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.97	46	230262	52.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.44%
24) Chloroform-d	4.41	84	152671	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.09	65	80212	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	285219	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	102319	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.37	98	214294	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.67	79	30678	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.15	63	122096	42.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	75344	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	86368	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

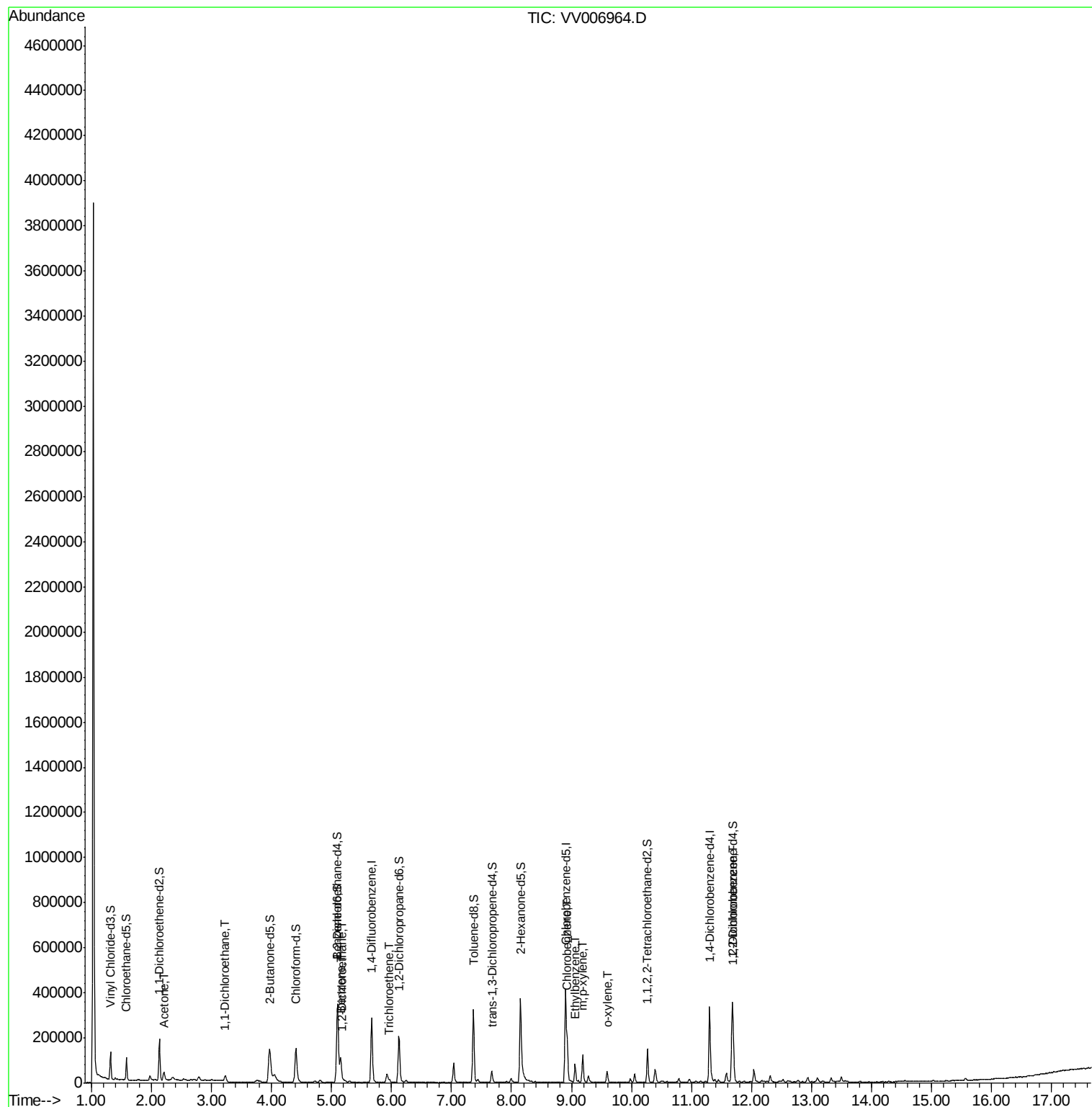
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	44204	19.47	ug/L	99
19) 1,1-Dichloroethane	3.23	63	23968	0.73	ug/L	98
27) 1,2-Dichloroethane	5.19	62	9787	0.43	ug/L	98
33) Benzene	5.15	78	109325	1.38	ug/L	100
34) Trichloroethene	5.96	95	3807	0.20	ug/L #	84
51) Chlorobenzene	8.93	112	92943	1.92	ug/L	99
52) Ethylbenzene	9.06	91	56294	0.74	ug/L	99
53) m,p-xylene	9.19	106	33762	1.20	ug/L	100
54) o-xylene	9.59	106	13196	0.49	ug/L	94
65) 1,2-Dichlorobenzene	11.70	146	62599	2.03	ug/L	99

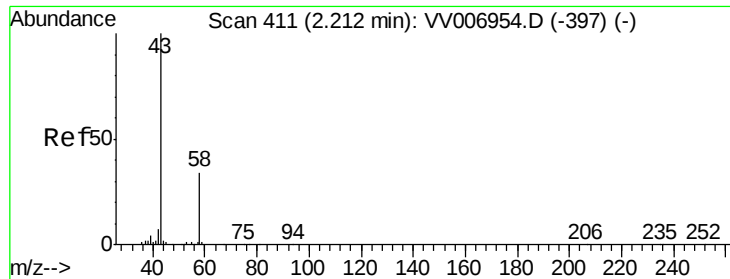
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 10 02:34:57 2018
Response via : Initial Calibration





#13

Acetone

Concen: 19.47 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006964.D

Acq: 09 Aug 2018 21:47

Instrument :

MSVOA_V

ClientSampleId :

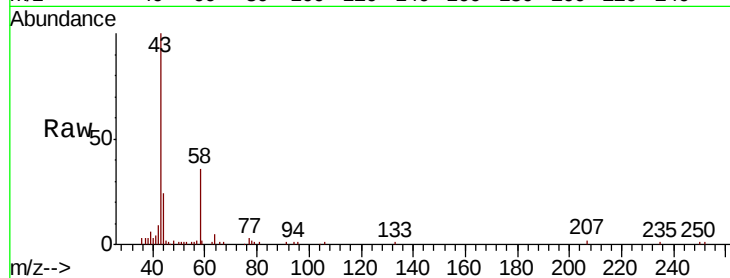
BC6R2

Tot Ion: 43 Resp: 44204

Ion Ratio Lower Upper

43 100

58 34.9 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006954.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV006954.D (-397) (-)

2.21

25000

20000

15000

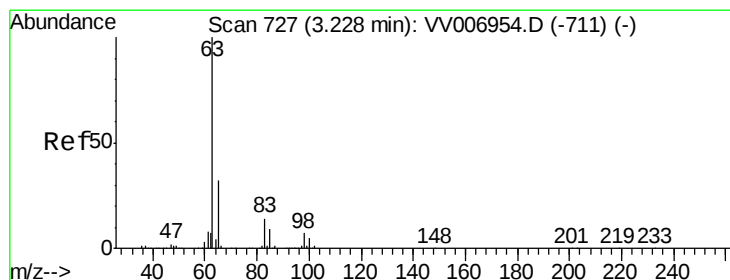
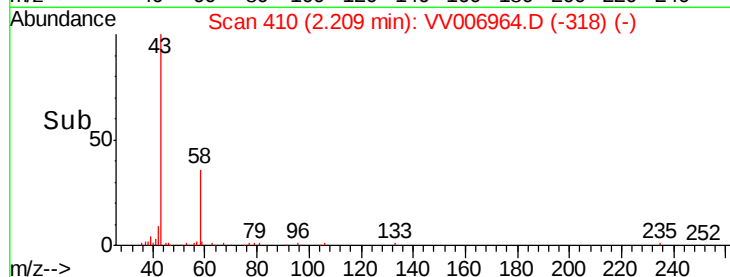
10000

5000

0

Time-->

2.10 2.20 2.30



#19

1,1-Dichloroethane

Concen: 0.73 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV006964.D

Acq: 09 Aug 2018 21:47

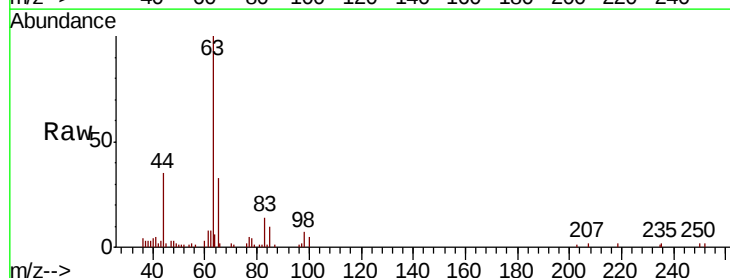
Tgt Ion: 63 Resp: 23968

Ion Ratio Lower Upper

63 100

65 32.6 21.7 40.3

83 14.4 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV006954.D (-711) (-)

Ion 65.10 (64.80 to 65.80): VV006954.D (-711) (-)

Ion 83.05 (82.75 to 83.75): VV006954.D (-711) (-)

3.23

15000

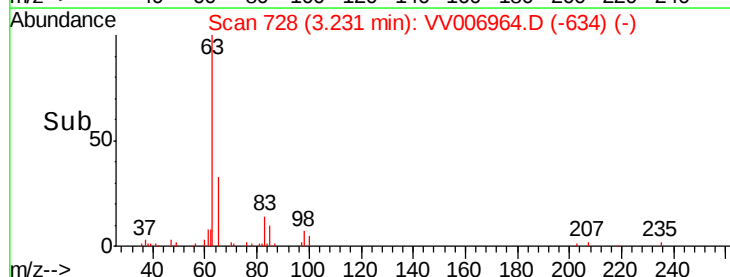
10000

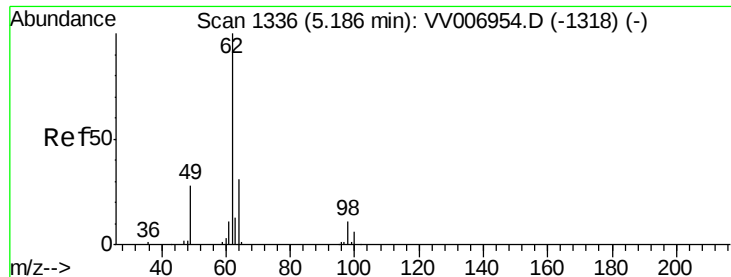
5000

0

Time-->

3.15 3.20 3.25 3.30





#27

1,2-Dichloroethane

Concen: 0.43 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VV006964.D

Acq: 09 Aug 2018 21:47

Instrument :

MSVOA_V

ClientSampleId :

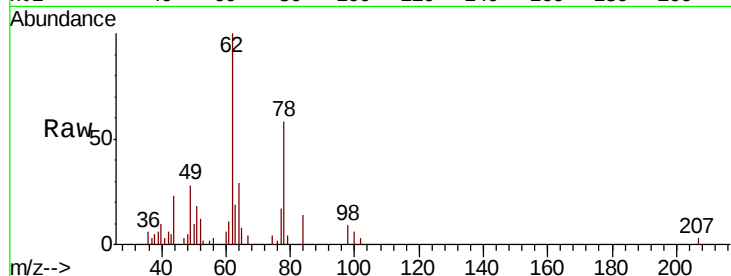
BC6R2

Tot Ion: 62 Resp: 9787

Ion Ratio Lower Upper

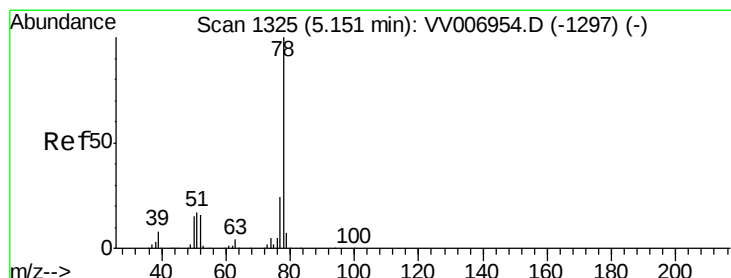
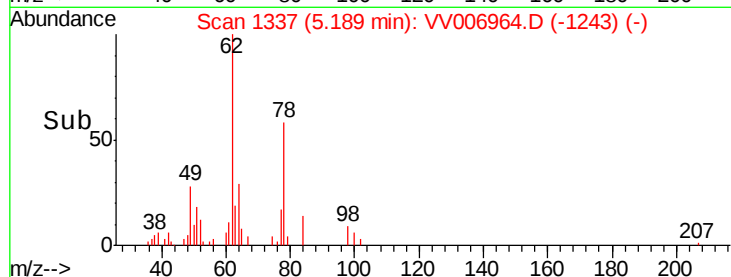
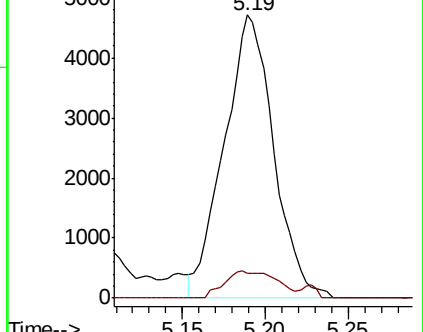
62 100

98 8.9 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VV006954.D (-1318) (-)

Ion 98.05 (97.75 to 98.75): VV006954.D (-1318) (-)



#33

Benzene

Concen: 1.38 ug/L

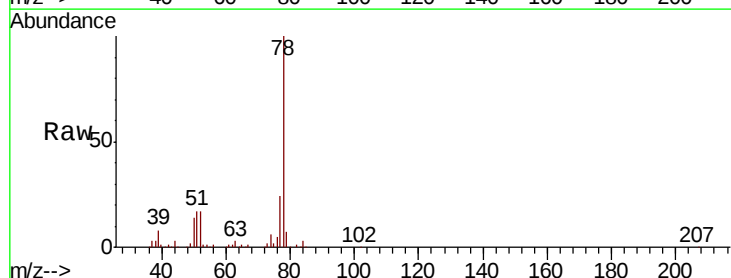
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

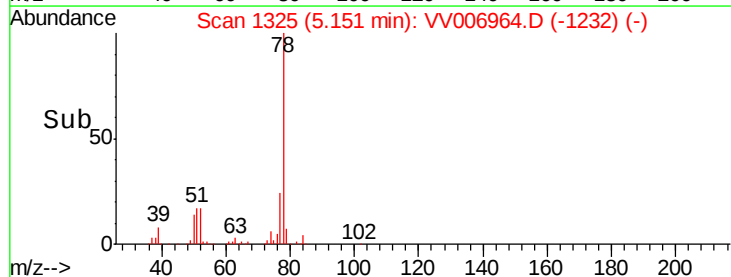
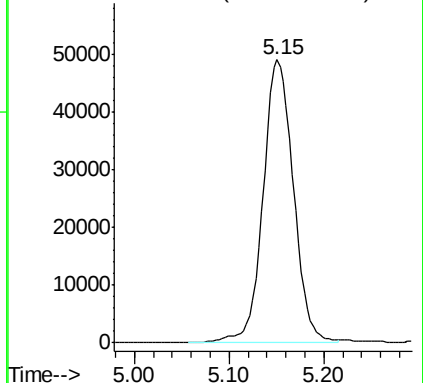
Lab File: VV006964.D

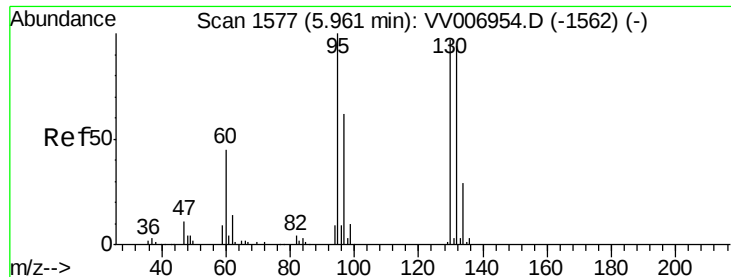
Acq: 09 Aug 2018 21:47

Tgt Ion: 78 Resp: 109325



Abundance Ion 78.10 (77.80 to 78.80): VV006954.D (-1297) (-)





#34

Trichloroethene

Concen: 0.20 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006964.D

Acq: 09 Aug 2018 21:47

Instrument :

MSVOA_V

ClientSampleId :

BC6R2

Tot Ion: 95 Resp: 3807

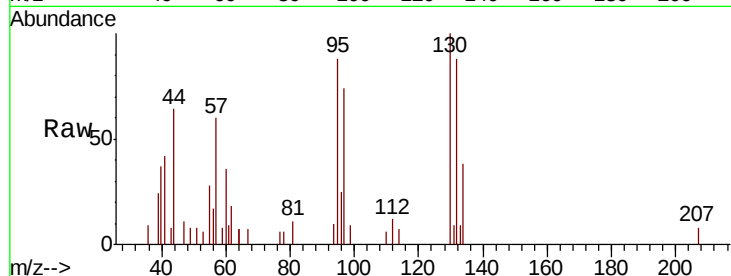
Ion Ratio Lower Upper

95 100

97 84.4 44.8 83.2#

132 99.6 65.5 121.6

130 113.7 66.4 123.4

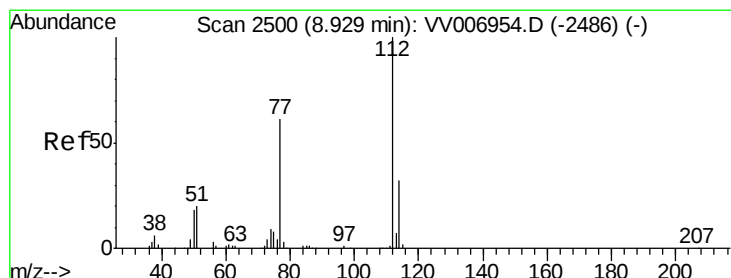
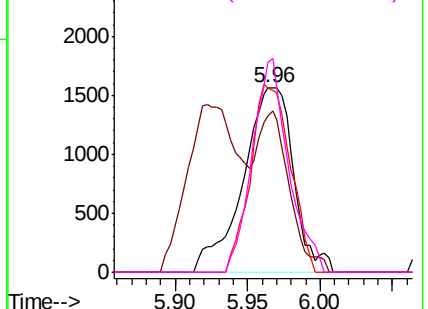
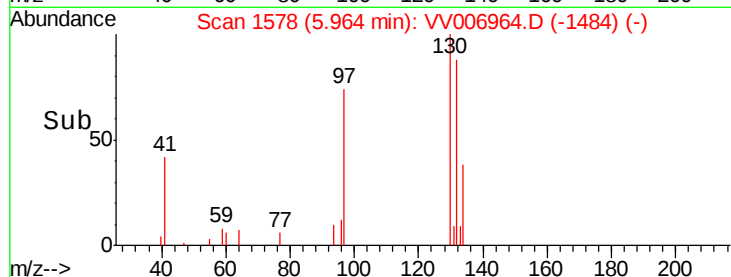


Abundance Ion 95.00 (94.70 to 95.70): VV006954.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006954.D (-1562) (-)

Ion 131.95 (131.65 to 132.65): VV006954.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006954.D (-1562) (-)



#51

Chlorobenzene

Concen: 1.92 ug/L

RT: 8.93 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VV006964.D

Acq: 09 Aug 2018 21:47

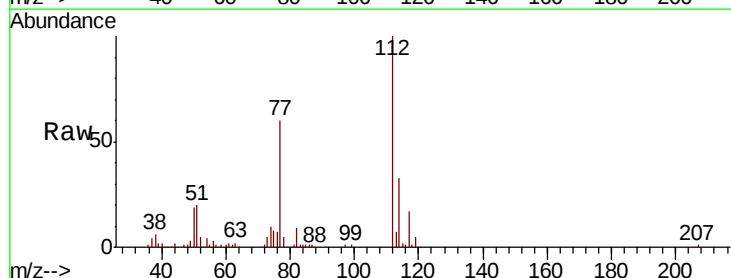
Tgt Ion: 112 Resp: 92943

Ion Ratio Lower Upper

112 100

114 32.8 21.8 40.6

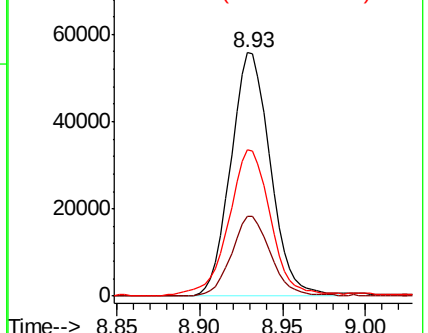
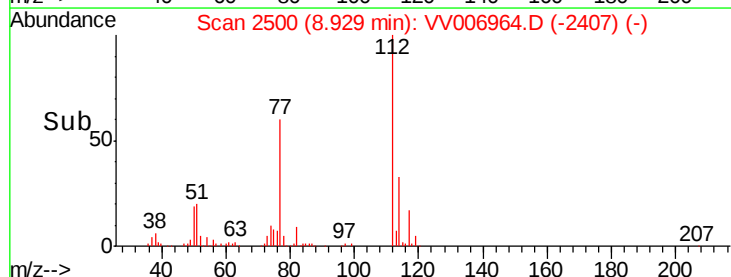
77 60.0 48.0 72.0

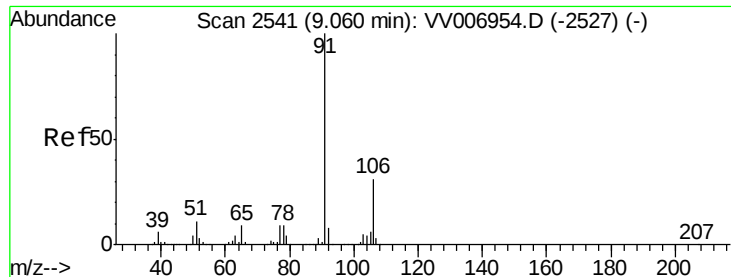


Abundance Ion 112.10 (111.80 to 112.80): VV006954.D (-2486) (-)

Ion 114.05 (113.75 to 114.75): VV006954.D (-2486) (-)

Ion 77.10 (76.80 to 77.80): VV006954.D (-2486) (-)





#52

Ethylbenzene

Concen: 0.74 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006964.D

Acq: 09 Aug 2018 21:47

Instrument :

MSVOA_V

ClientSampleId :

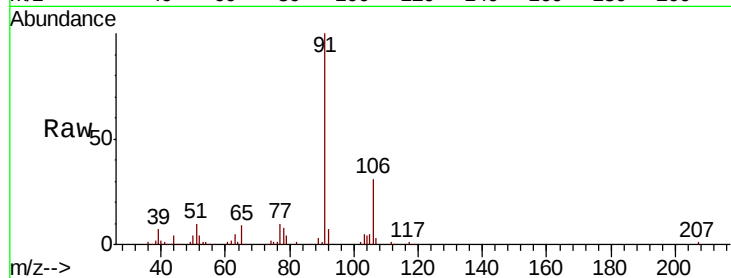
BC6R2

Tot Ion: 91 Resp: 56294

Ion Ratio Lower Upper

91 100

106 31.1 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV006954.D (-2527) (-)

Ion 106.15 (105.85 to 106.85): VV006954.D (-2527) (-)

9.06

40000

30000

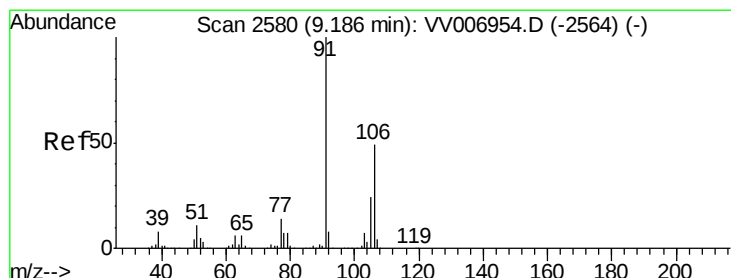
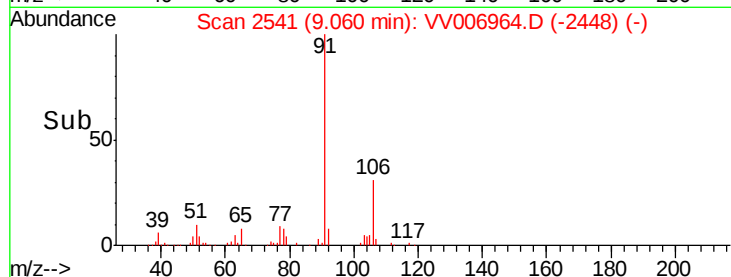
20000

10000

0

9.00 9.05 9.10

Time-->



#53

m,p-xylene

Concen: 1.20 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006964.D

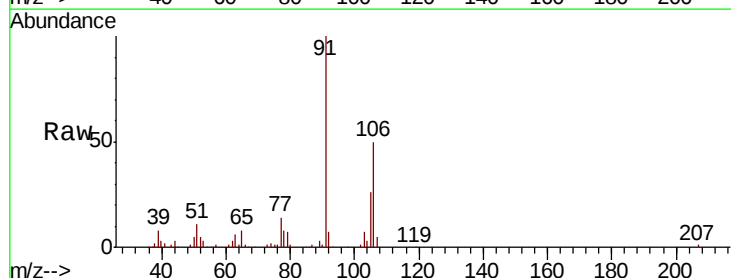
Acq: 09 Aug 2018 21:47

Tgt Ion: 106 Resp: 33762

Ion Ratio Lower Upper

106 100

91 201.6 141.6 263.0



Abundance Ion 106.15 (105.85 to 106.85): VV006954.D (-2564) (-)

Ion 91.15 (90.85 to 91.85): VV006954.D (-2564) (-)

9.19

40000

30000

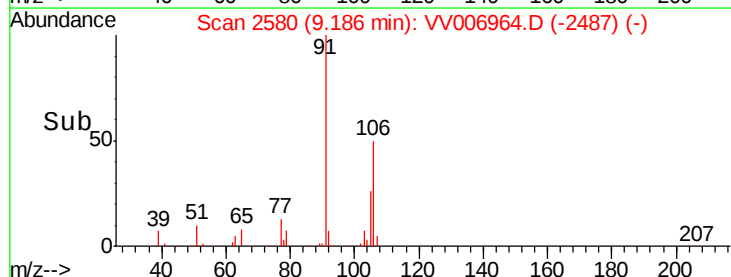
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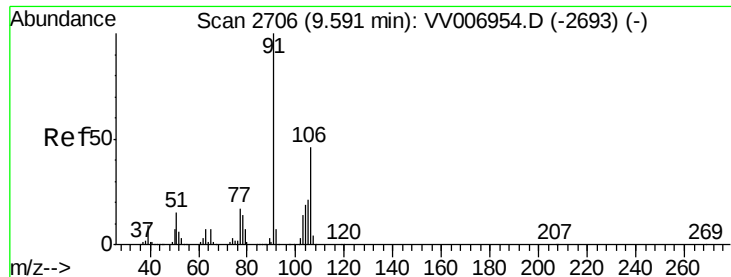
10000

0

9.10 9.15 9.20 9.25

Time-->





#54

o-xylene

Concen: 0.49 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006964.D

Acq: 09 Aug 2018 21:47

Instrument :

MSVOA_V

ClientSampled :

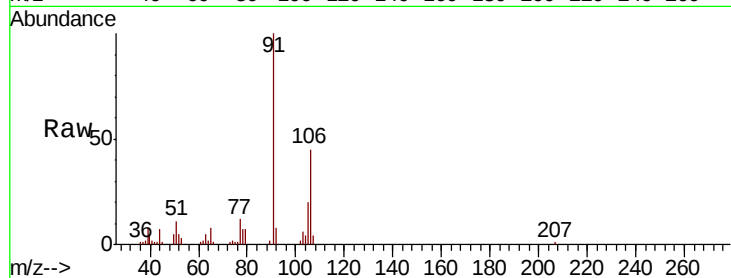
BC6R2

Tot Ion:106 Resp: 13196

Ion Ratio Lower Upper

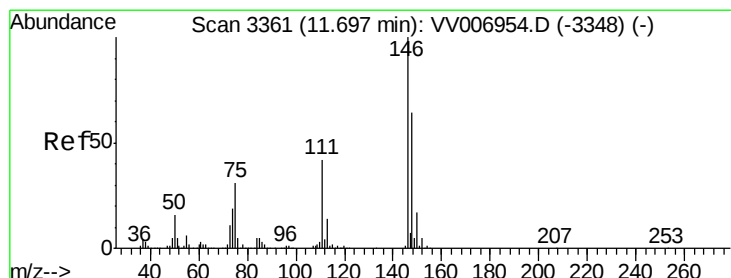
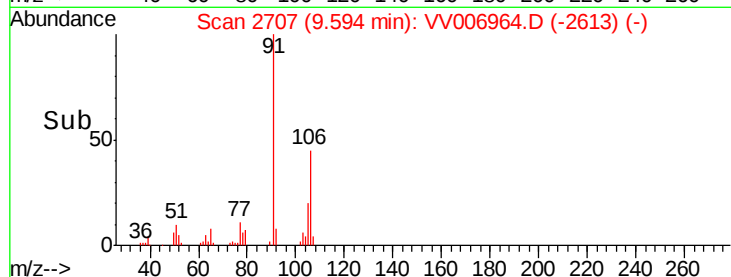
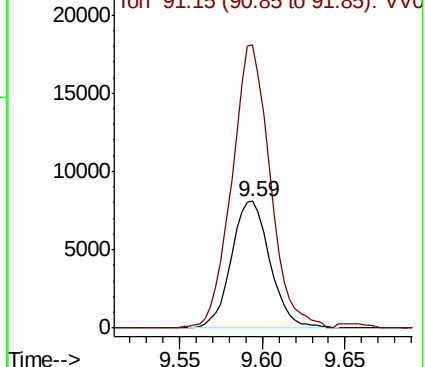
106 100

91 223.4 149.8 278.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#65

1,2-Dichlorobenzene

Concen: 2.03 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. 0.00 min

Lab File: VV006964.D

Acq: 09 Aug 2018 21:47

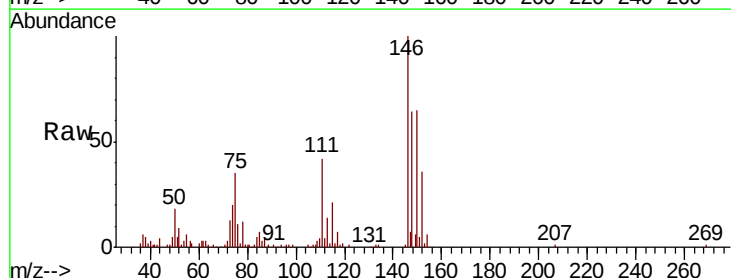
Tgt Ion:146 Resp: 62599

Ion Ratio Lower Upper

146 100

111 41.8 33.0 49.6

148 64.4 50.6 75.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

