

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006967.D
 Acq On : 09 Aug 2018 23:07
 Operator : SY/MD
 Sample : J4399-07
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BC6R5

Quant Time: Aug 10 09:09:17 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	240810	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72546	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	65159	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	98107	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.97	46	194293	43.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.92%
24) Chloroform-d	4.41	84	154358	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.09	65	81087	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	296607	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	106473	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.36	98	224890	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	31968	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.15	63	133038	46.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77090	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	98548	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	7114	3.09	ug/L	82
19) 1,1-Dichloroethane	3.23	63	41354	1.24	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	46738	2.22	ug/L	99
30) Cyclohexane	4.72	56	14191	0.45	ug/L	86
33) Benzene	5.15	78	502421	6.38	ug/L	100
34) Trichloroethene	5.97	95	10427	0.55	ug/L	92
35) Methylcyclohexane	6.18	83	7299	0.24	ug/L #	66
42) Toluene	7.44	91	47732	0.63	ug/L	98
51) Chlorobenzene	8.93	112	405293	8.40	ug/L	99
52) Ethylbenzene	9.06	91	365731	4.84	ug/L	99
53) m,p-xylene	9.19	106	253303	8.99	ug/L	99
54) o-xylene	9.59	106	69786	2.61	ug/L	97
56) Isopropylbenzene	9.98	105	59402	0.85	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	20573	0.58	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	230158	6.77	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BC6R5

Quant Time: Aug 10 09:09:17 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

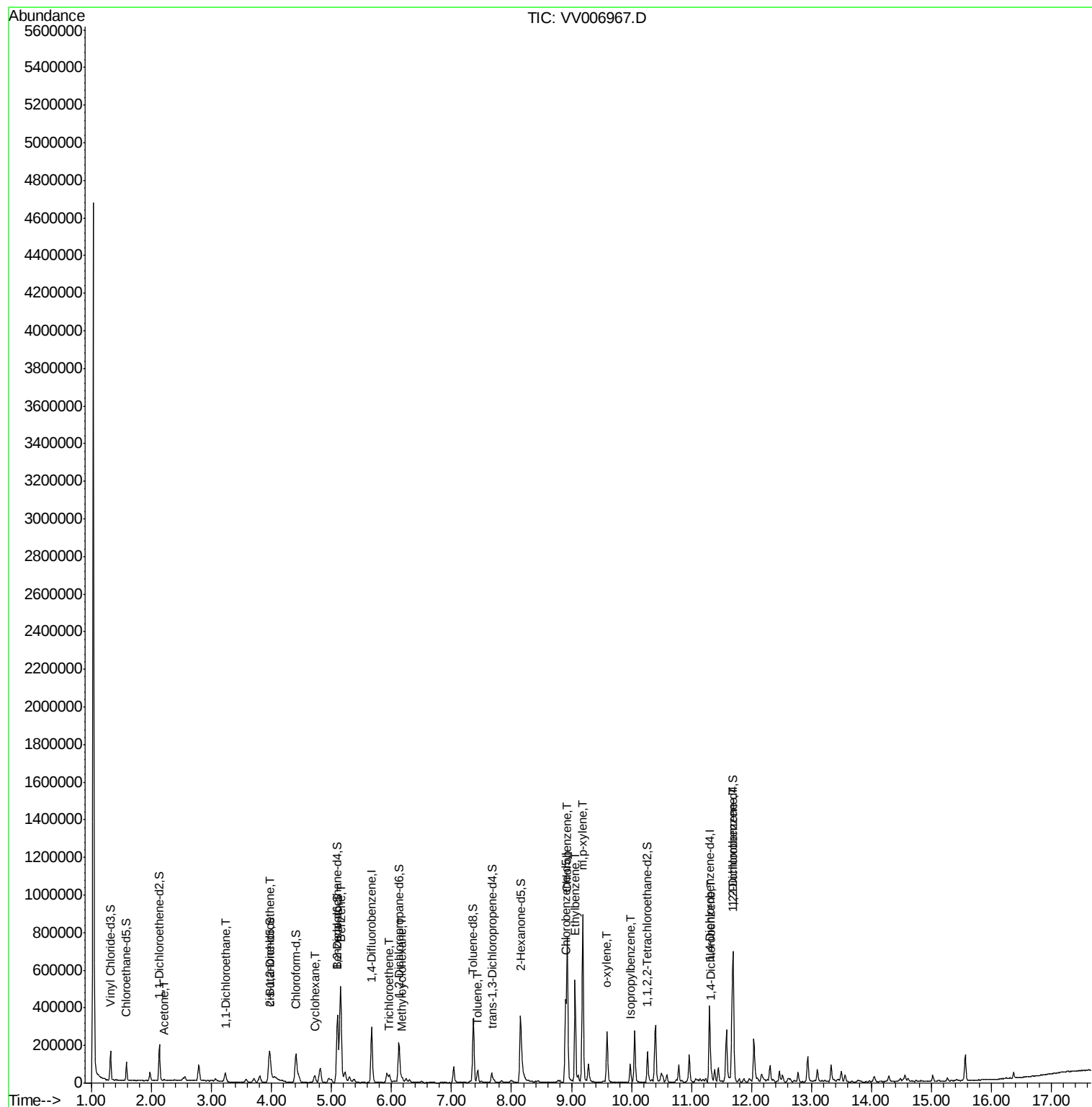
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

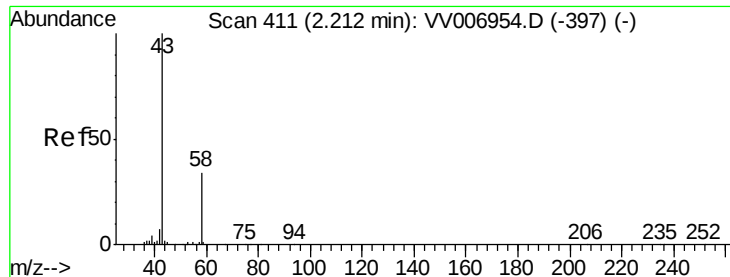
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
Data File : VV006967.D
Acq On : 09 Aug 2018 23:07
Operator : SY/MD
Sample : J4399-07
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BC6R5

Quant Time: Aug 10 09:09:17 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





#13

Acetone

Concen: 3.09 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.00 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

Instrument :

MSVOA_V

ClientSampled :

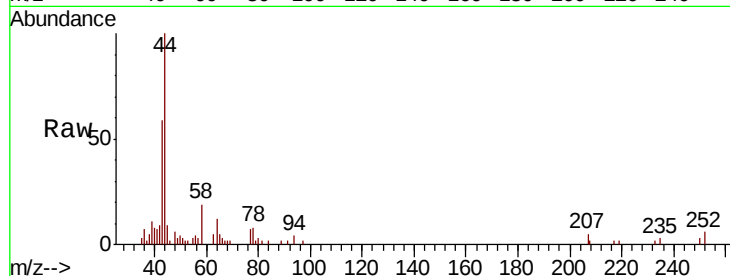
BC6R5

Tot Ion: 43 Resp: 7114

Ion Ratio Lower Upper

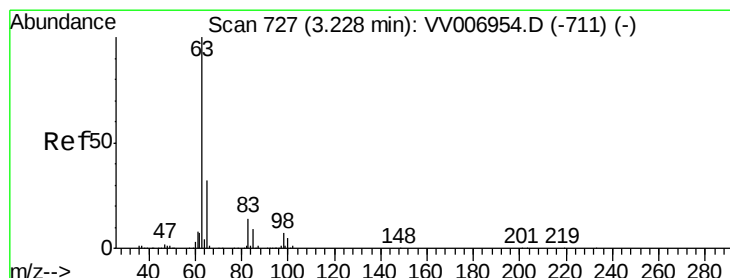
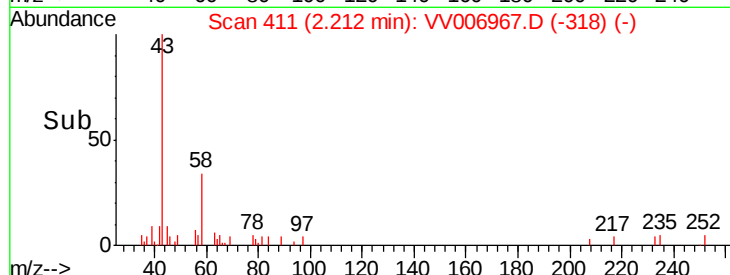
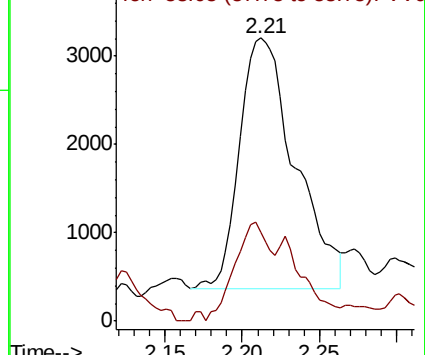
43 100

58 25.3 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) (-)



#19

1,1-Dichloroethane

Concen: 1.24 ug/L

RT: 3.23 min Scan# 727

Delta R.T. 0.00 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

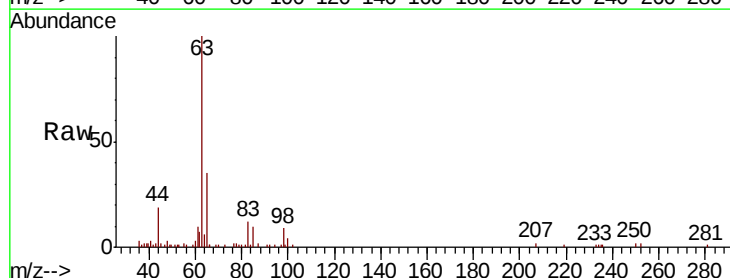
Tgt Ion: 63 Resp: 41354

Ion Ratio Lower Upper

63 100

65 34.7 21.7 40.3

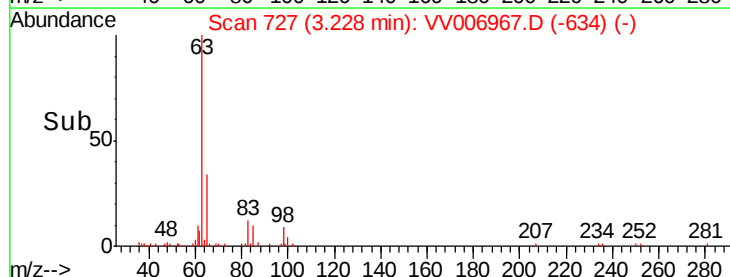
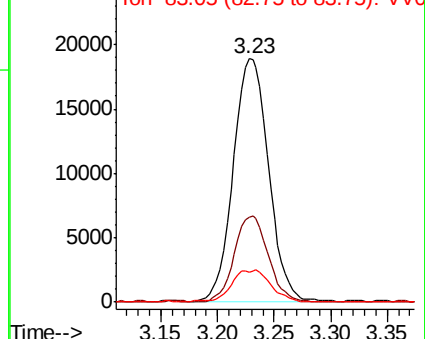
83 12.5 10.0 18.6

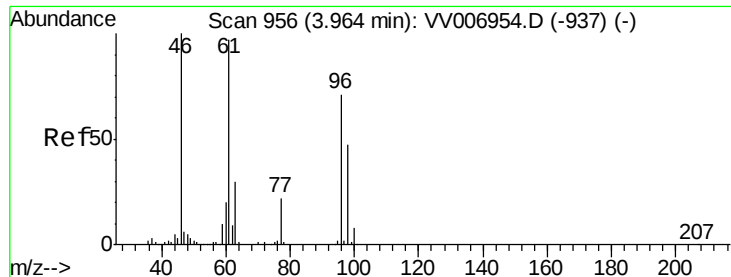


Abundance Ion 63.10 (62.80 to 63.80): VV006954.D (-711) (-)

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

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





#22

cis-1,2-Dichloroethene

Concen: 2.22 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

Instrument :

MSVOA_V

ClientSampleId :

BC6R5

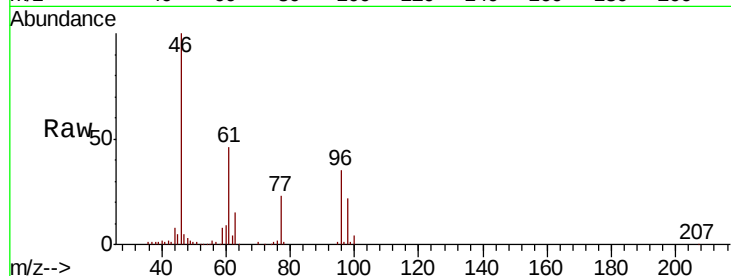
Tot Ion: 96 Resp: 46738

Ion Ratio Lower Upper

96 100

61 131.7 91.1 169.1

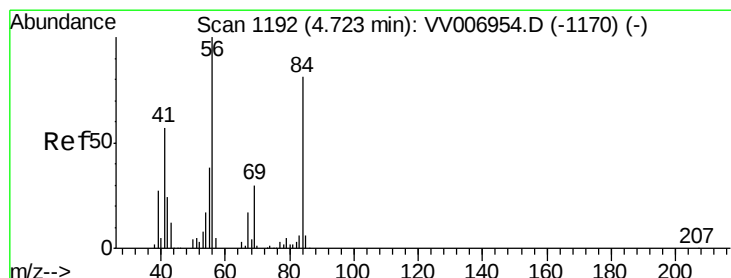
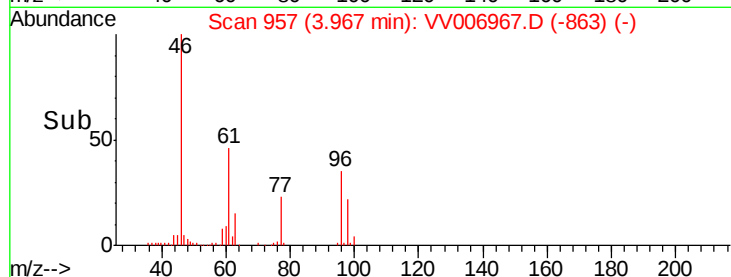
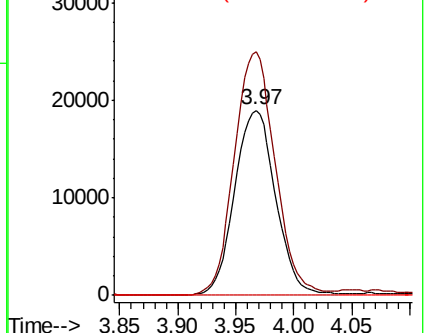
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006954.D (-937) (-)

Ion 61.05 (60.75 to 61.75): VV006954.D (-937) (-)

Ion 68.15 (67.85 to 68.85): VV006954.D (-937) (-)



#30

Cyclohexane

Concen: 0.45 ug/L

RT: 4.72 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

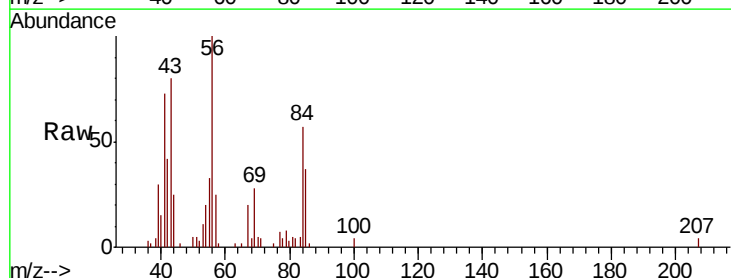
Tgt Ion: 56 Resp: 14191

Ion Ratio Lower Upper

56 100

69 29.2 23.8 35.6

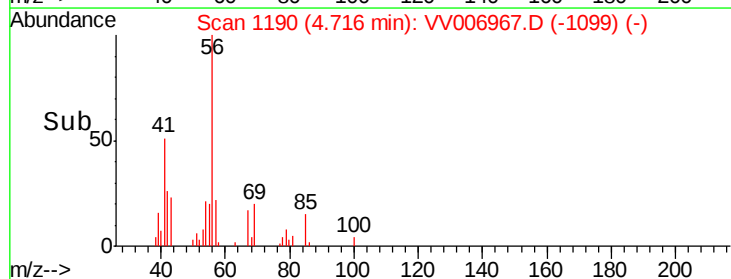
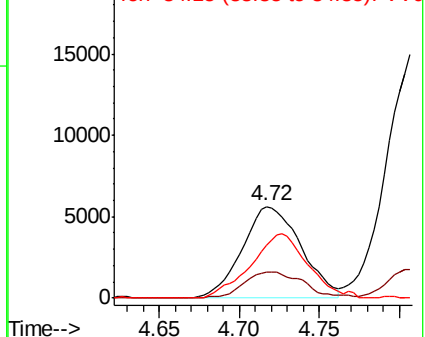
84 68.3 67.9 101.9

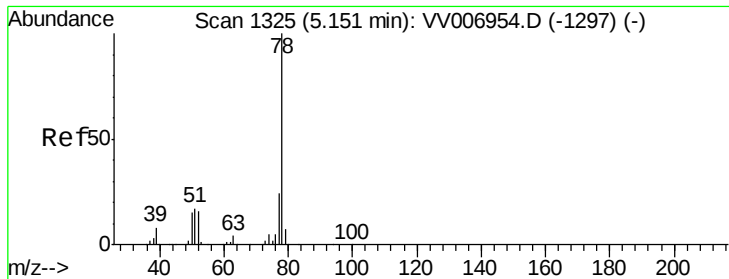


Abundance Ion 56.10 (55.80 to 56.80): VV006954.D (-1170) (-)

Ion 69.15 (68.85 to 69.85): VV006954.D (-1170) (-)

Ion 84.15 (83.85 to 84.85): VV006954.D (-1170) (-)





#33

Benzene

Concen: 6.38 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

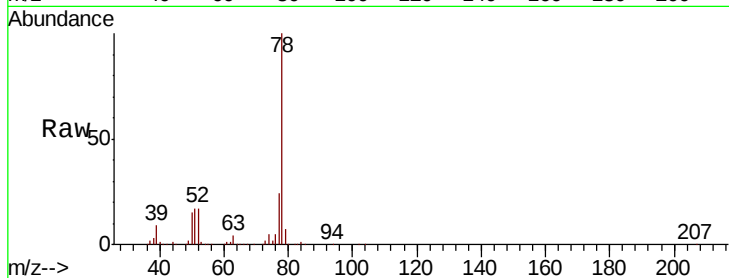
Instrument :

MSVOA_V

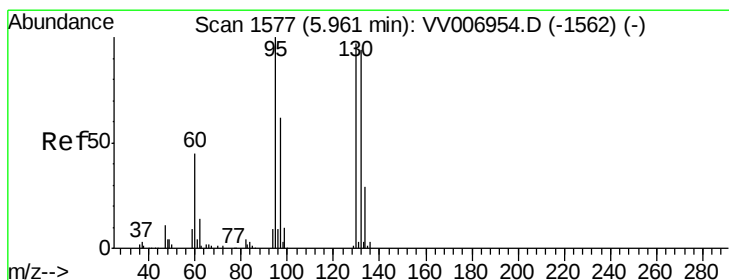
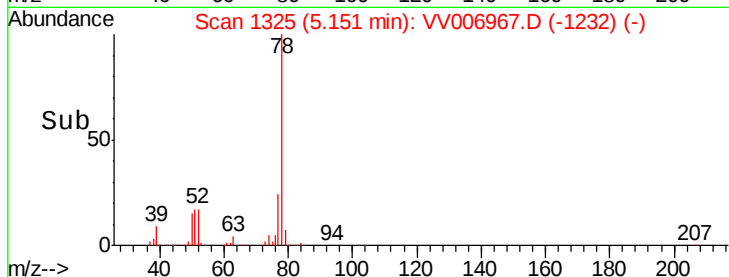
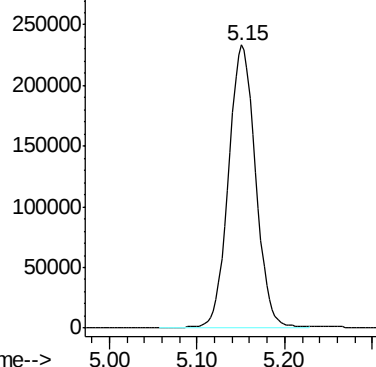
ClientSampleId :

BC6R5

Tgt Ion: 78 Resp: 502421



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.55 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

Tgt Ion: 95 Resp: 10427

Ion	Ratio	Lower	Upper
95	100		
97	70.3	44.8	83.2
132	96.4	65.5	121.6
130	107.5	66.4	123.4

95 100

97 70.3 44.8 83.2

132 96.4 65.5 121.6

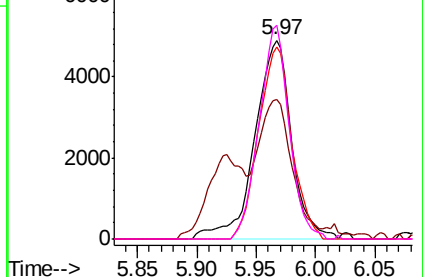
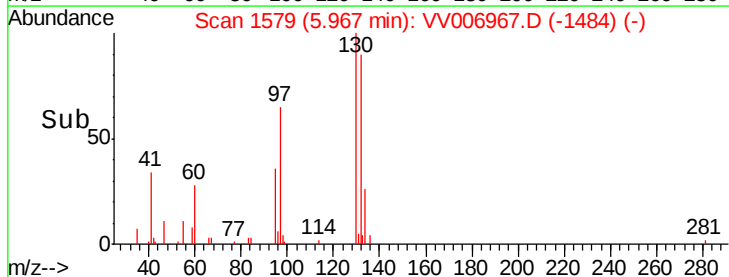
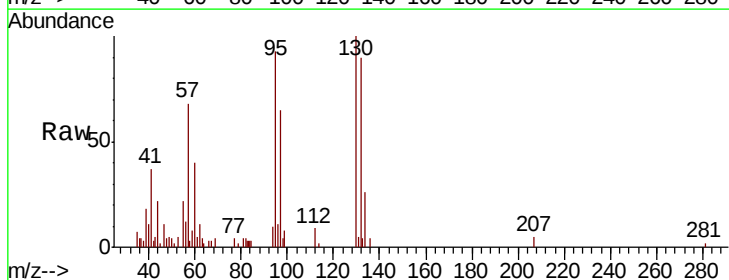
130 107.5 66.4 123.4

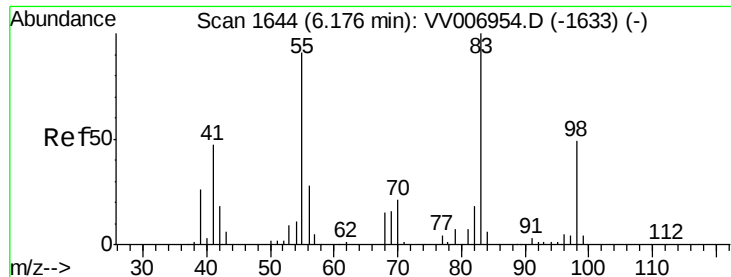
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

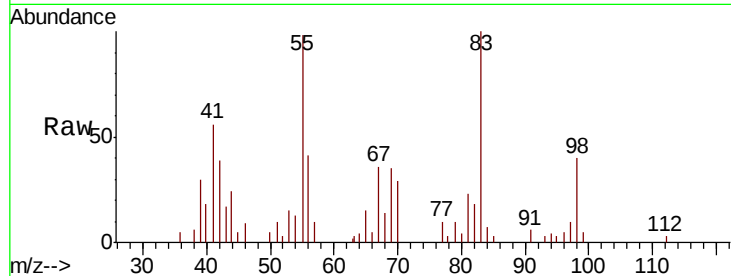




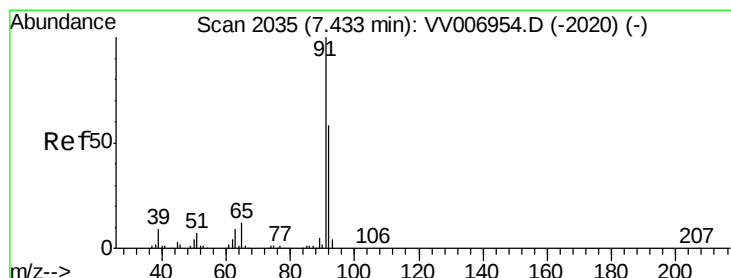
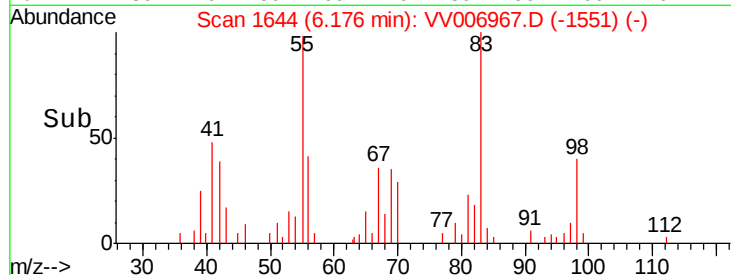
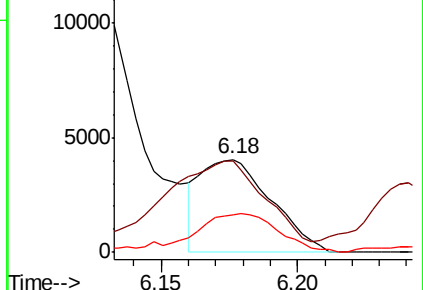
#35
Methvlcvclohexane
Concen: 0.24 ug/L
RT: 6.18 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Instrument :
MSVOA_V
ClientSampleId :
BC6R5

Tot Ion: 83 Resp: 7299
Ion Ratio Lower Upper
83 100
55 131.0 68.1 102.1#
98 51.3 37.9 56.9

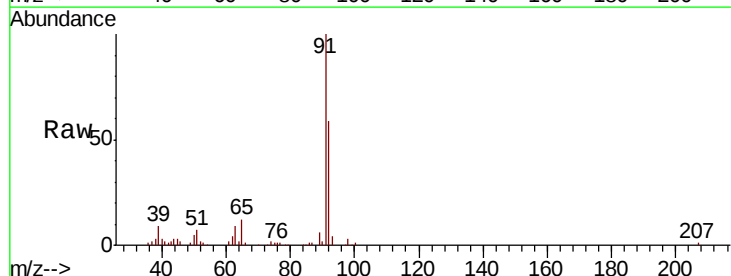


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

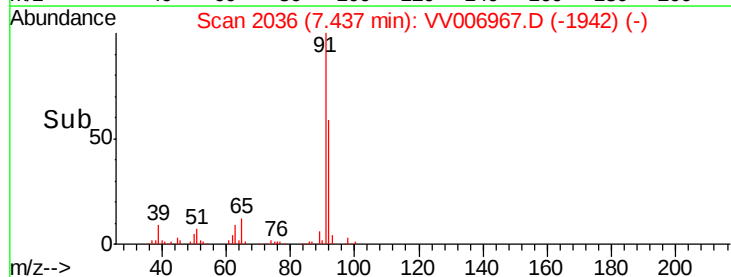
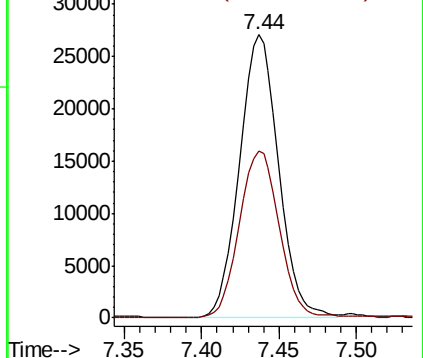


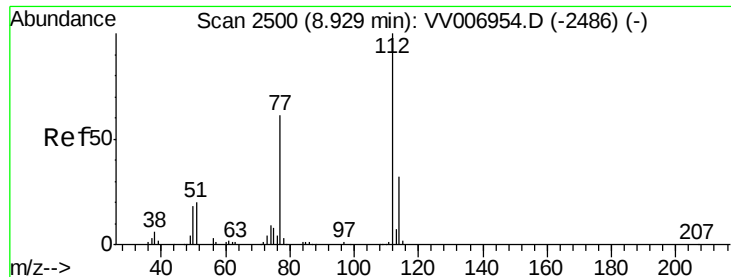
#42
Toluene
Concen: 0.63 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV006967.D
Acq: 09 Aug 2018 23:07

Tgt Ion: 91 Resp: 47732
Ion Ratio Lower Upper
91 100
92 58.8 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 8.40 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

Instrument :

MSVOA_V

ClientSampleId :

BC6R5

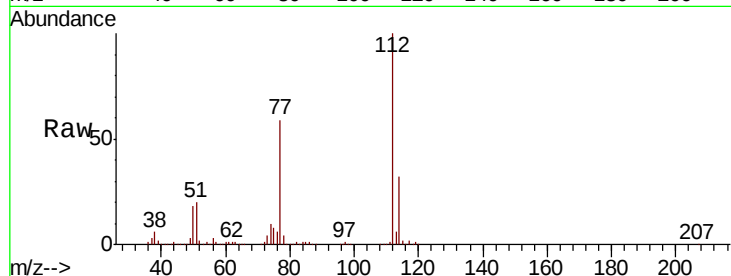
Tot Ion:112 Resp: 405293

Ion Ratio Lower Upper

112 100

114 31.5 21.8 40.6

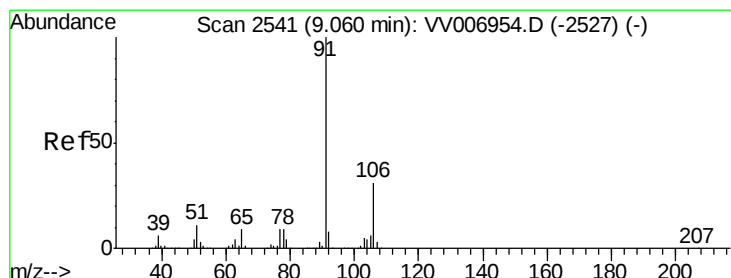
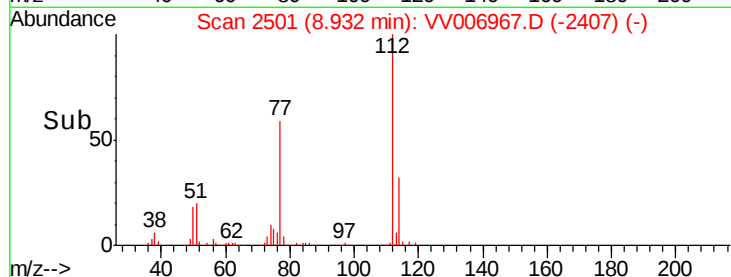
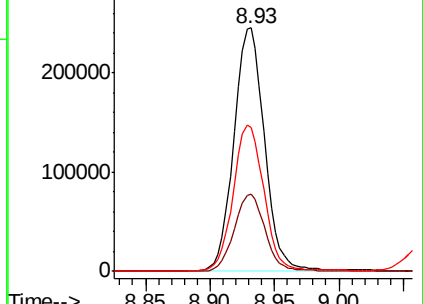
77 58.9 48.0 72.0



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#52

Ethylbenzene

Concen: 4.84 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006967.D

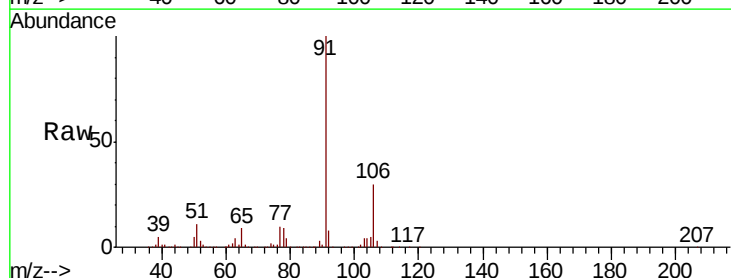
Acq: 09 Aug 2018 23:07

Tgt Ion: 91 Resp: 365731

Ion Ratio Lower Upper

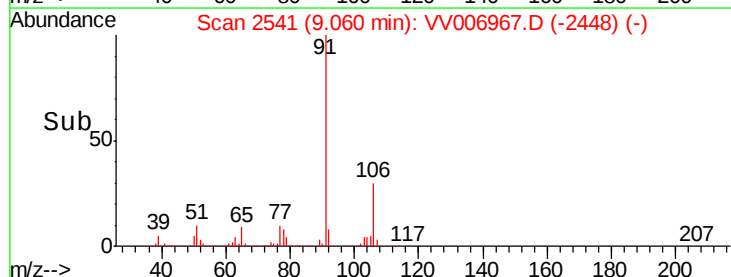
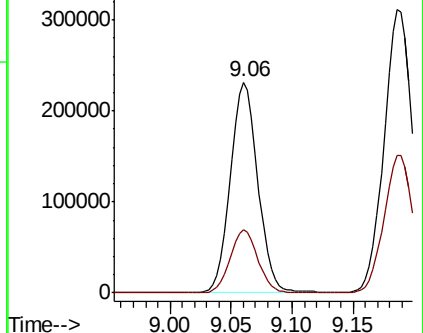
91 100

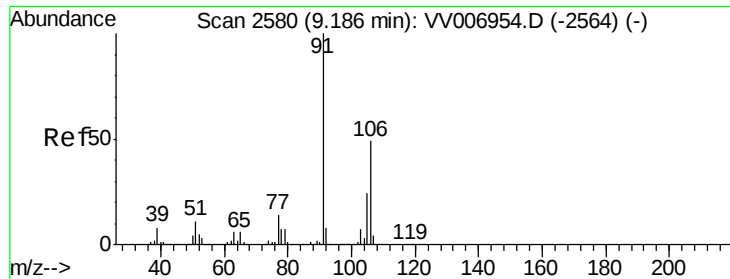
106 29.9 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 8.99 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

Instrument :

MSVOA_V

ClientSampleId :

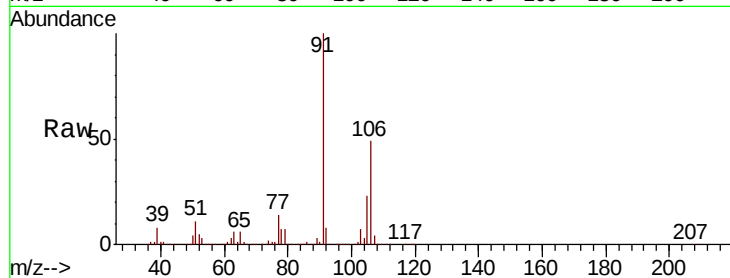
BC6R5

Tot Ion:106 Resp: 253303

Ion Ratio Lower Upper

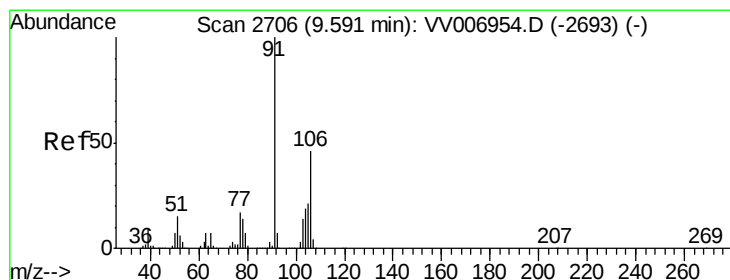
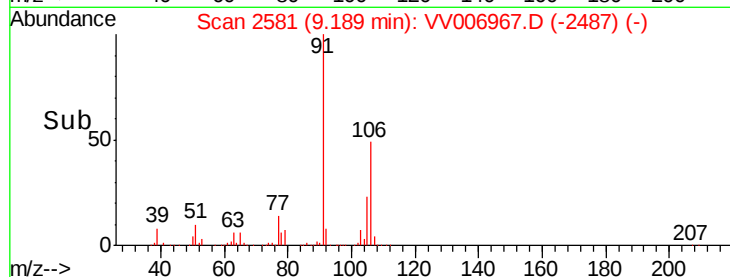
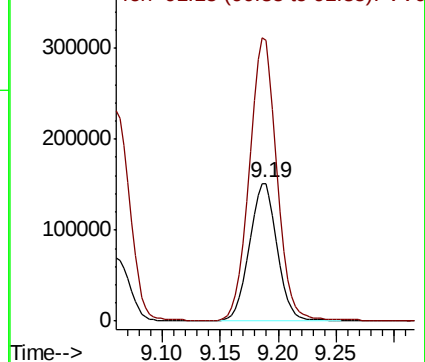
106 100

91 204.0 141.6 263.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 2.61 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006967.D

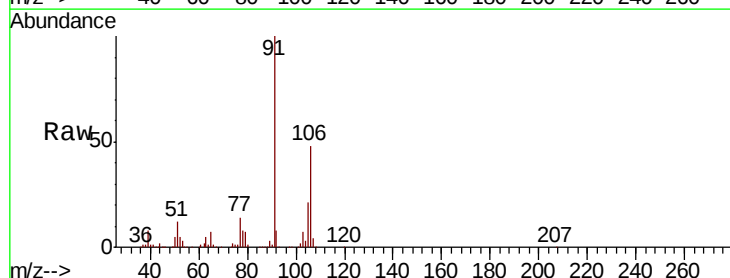
Acq: 09 Aug 2018 23:07

Tgt Ion:106 Resp: 69786

Ion Ratio Lower Upper

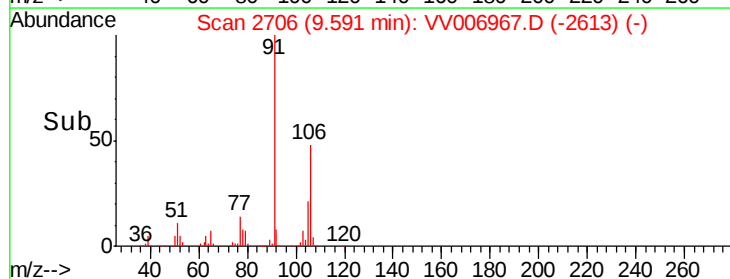
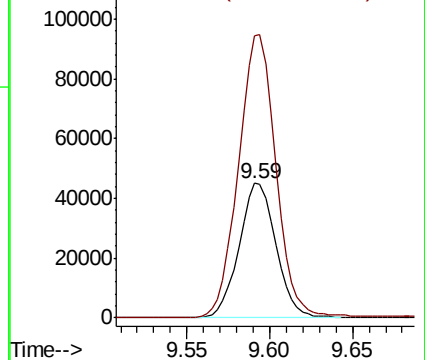
106 100

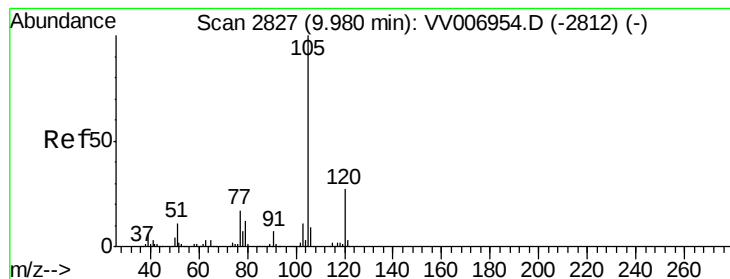
91 209.4 149.8 278.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 0.85 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

Instrument :

MSVOA_V

ClientSampled :

BC6R5

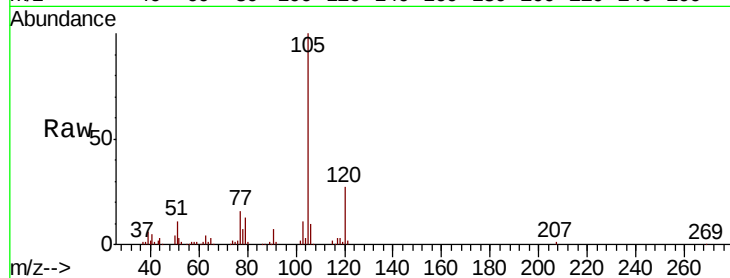
Tot Ion:105 Resp: 59402

Ion Ratio Lower Upper

105 100

120 25.7 21.1 31.7

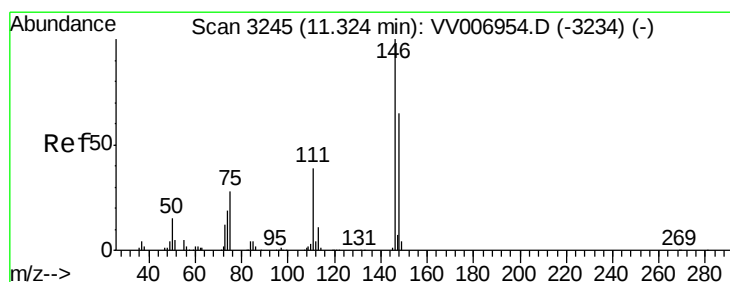
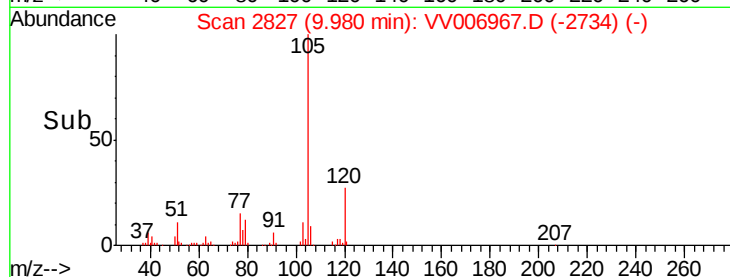
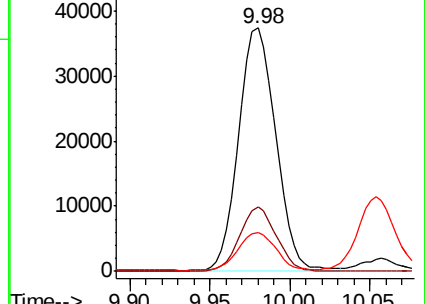
77 15.6 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#63

1,4-Dichlorobenzene

Concen: 0.58 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV006967.D

Acq: 09 Aug 2018 23:07

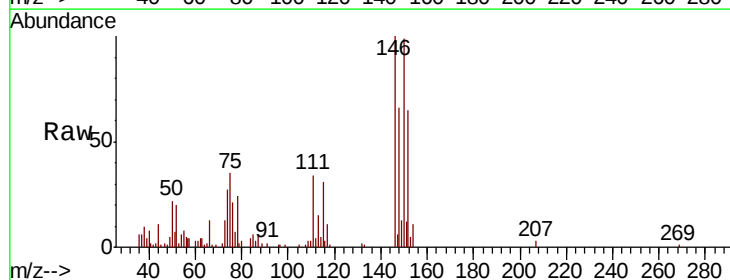
Tgt Ion:146 Resp: 20573

Ion Ratio Lower Upper

146 100

111 34.1 26.6 49.4

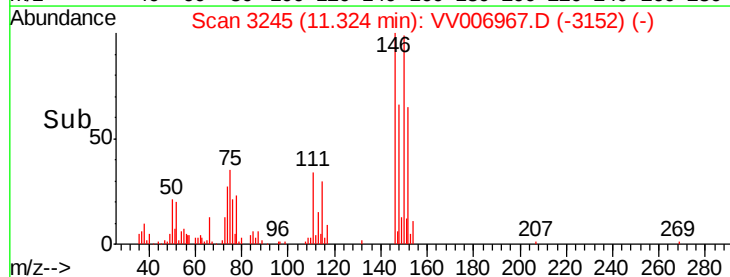
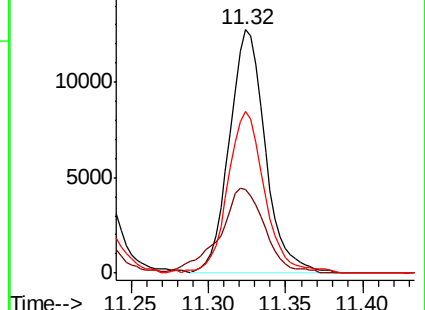
148 66.3 46.4 86.2

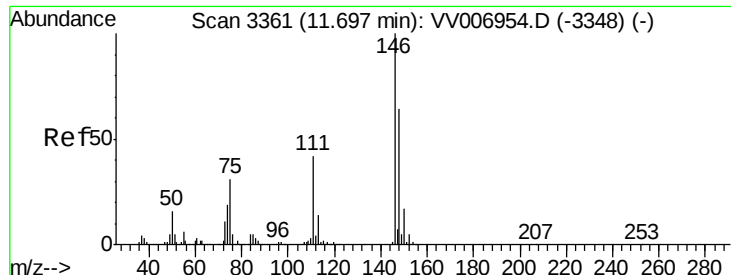


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

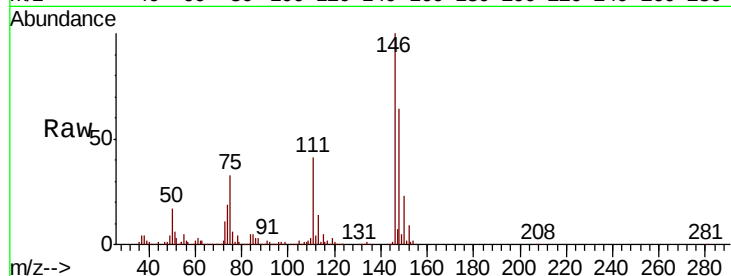




#65
 1,2-Dichlorobenzene
 Concen: 6.77 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006967.D
 Acq: 09 Aug 2018 23:07

Instrument :
 MSVOA_V
 ClientSampleId :
 BC6R5

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.0	49.6
148	63.7	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

