

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082918\
 Data File : VV007256.D
 Acq On : 29 Aug 2018 14:28
 Operator : SY/MD
 Sample : J4649-07MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB91MS

Quant Time: Aug 30 05:11:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 04:42:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	229580	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231591	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102218	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72361	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.58	69	65033	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	143167	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	3.97	46	233214	57.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.62%
24) Chloroform-d	4.41	84	166075	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.09	65	86426	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	310868	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	108542	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.37	98	237232	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	34885	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.15	63	112542	56.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86995	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	103435	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

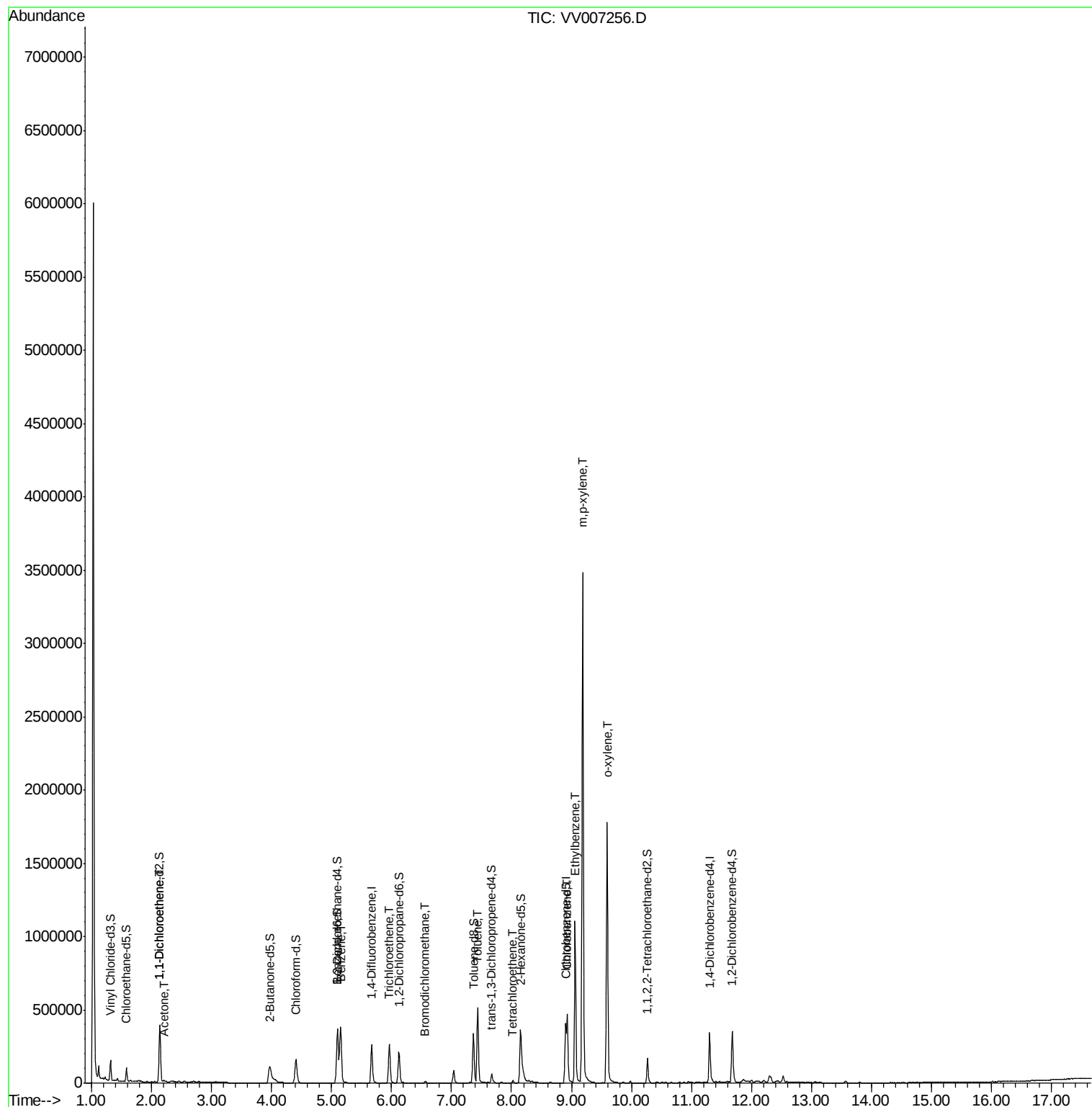
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	85625	6.16	ug/L	96
13) Acetone	2.21	43	8762	4.29	ug/L	89
33) Benzene	5.15	78	400853	5.84	ug/L	100
34) Trichloroethene	5.96	95	94184	5.44	ug/L	98
38) Bromodichloromethane	6.56	83	9480	0.43	ug/L #	93
42) Toluene	7.44	91	380047	5.64	ug/L	98
47) Tetrachloroethene	8.02	164	3894	0.27	ug/L	93
51) Chlorobenzene	8.93	112	250559	5.47	ug/L	99
52) Ethylbenzene	9.06	91	772139	11.41	ug/L	100
53) m,p-xylene	9.19	106	1020999	39.62	ug/L	99
54) o-xylene	9.59	106	495440	20.66	ug/L	99

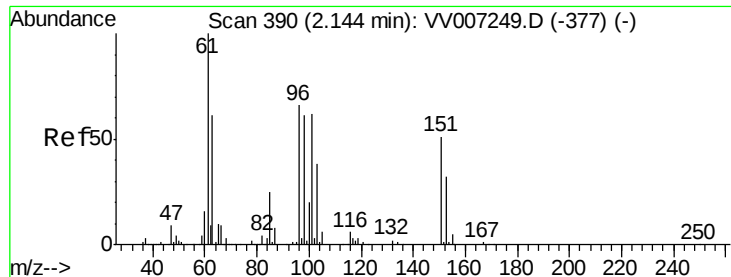
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 30 04:42:02 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.16 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007256.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_V

ClientSampleId :

GAB91MS

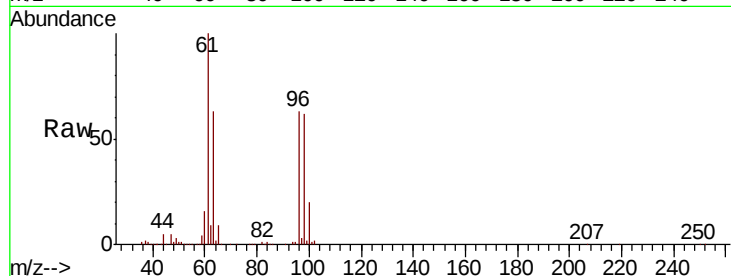
Tot Ion: 96 Resp: 85625

Ion Ratio Lower Upper

96 100

61 158.2 112.3 208.5

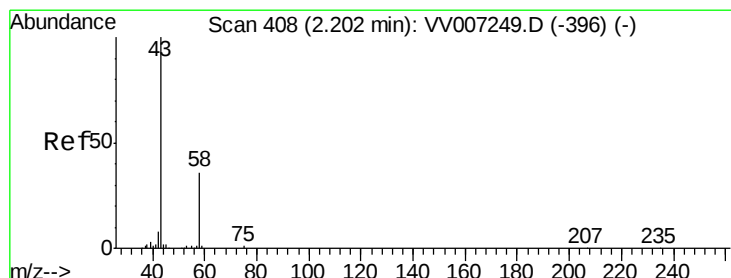
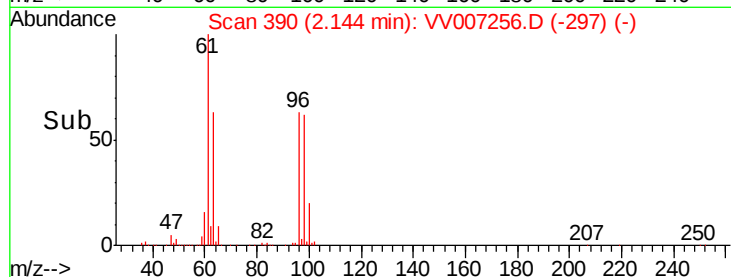
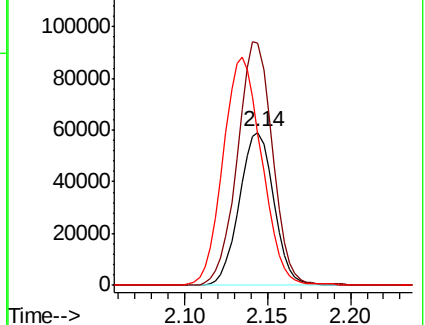
63 99.2 75.4 140.0



Abundance Ion 96.00 (95.70 to 96.70): VV007249.D (-377) (-)

Ion 61.05 (60.75 to 61.75): VV007249.D (-377) (-)

Ion 63.00 (62.70 to 63.70): VV007249.D (-377) (-)



#13

Acetone

Concen: 4.29 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV007256.D

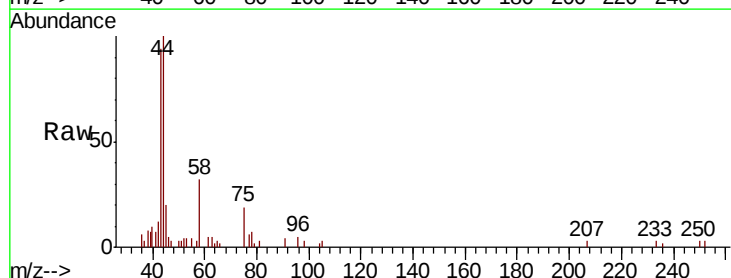
Acq: 29 Aug 2018 14:28

Tgt Ion: 43 Resp: 8762

Ion Ratio Lower Upper

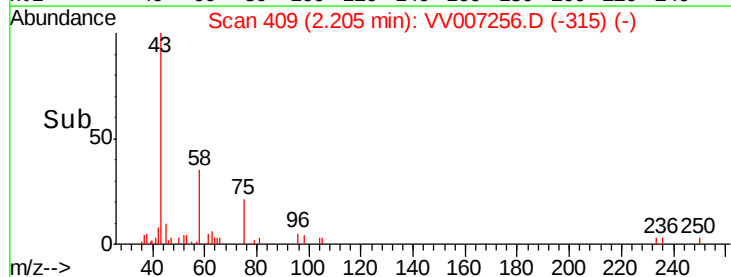
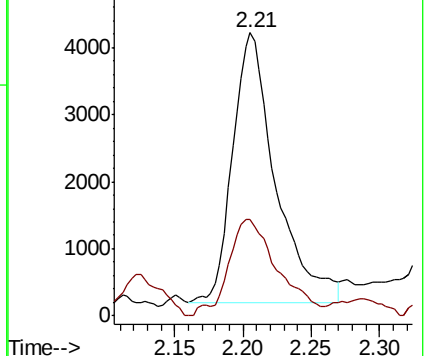
43 100

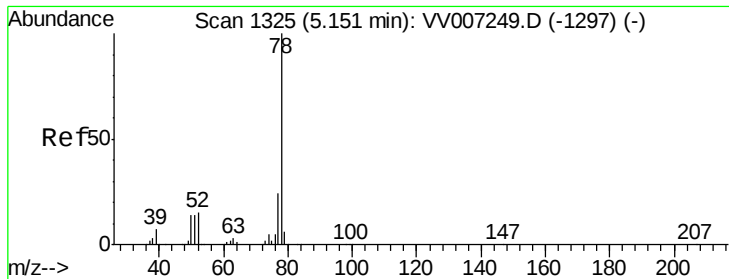
58 41.3 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VV007249.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007249.D (-396) (-)





#33

Benzene

Concen: 5.84 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV007256.D

Acq: 29 Aug 2018 14:28

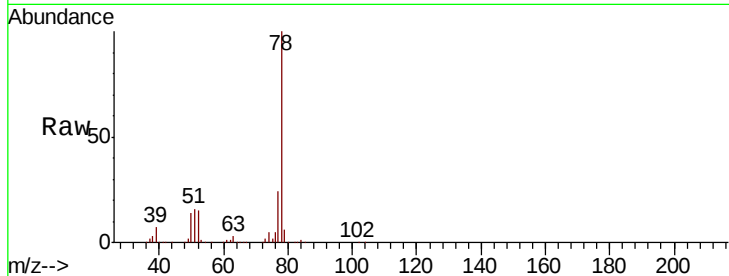
Instrument :

MSVOA_V

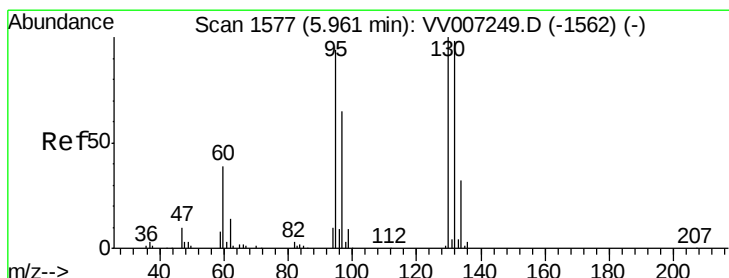
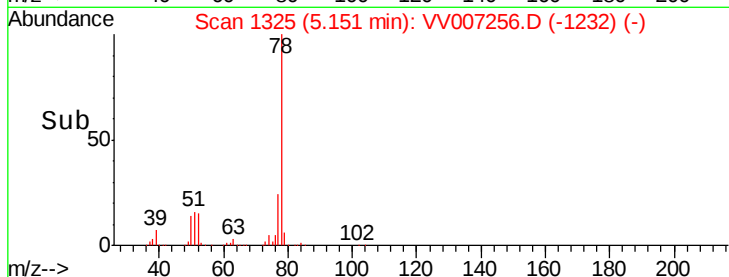
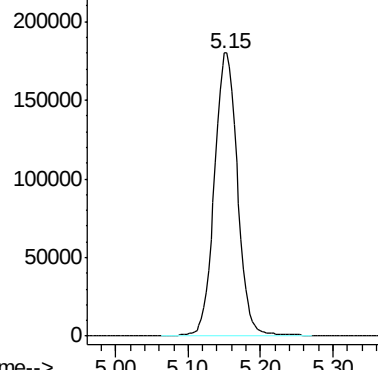
ClientSampleId :

GAB91MS

Tgt Ion: 78 Resp: 400853



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.44 ug/L

RT: 5.96 min Scan# 1578

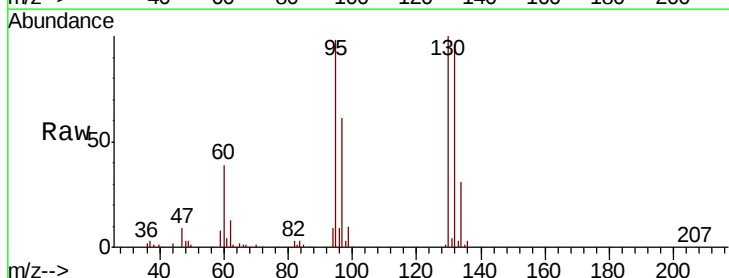
Delta R.T. 0.00 min

Lab File: VV007256.D

Acq: 29 Aug 2018 14:28

Tgt Ion: 95 Resp: 94184

Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.2	82.2
132	98.0	71.3	132.3
130	102.2	72.8	135.2

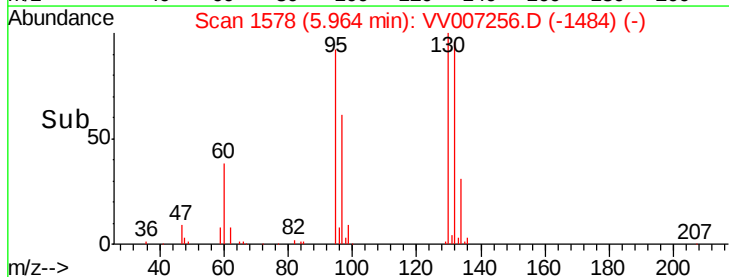
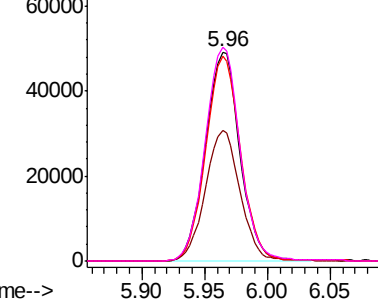


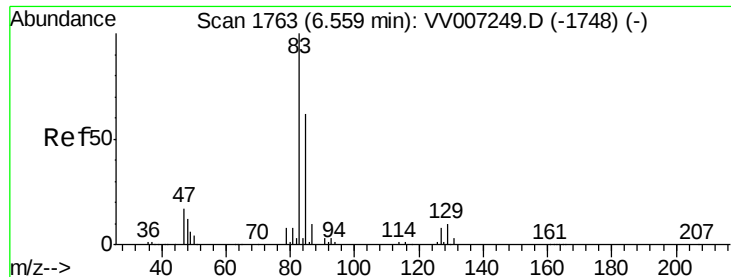
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#38

Bromodichloromethane

Concen: 0.43 ug/L

RT: 6.56 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VV007256.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_V

ClientSampleId :

GAB91MS

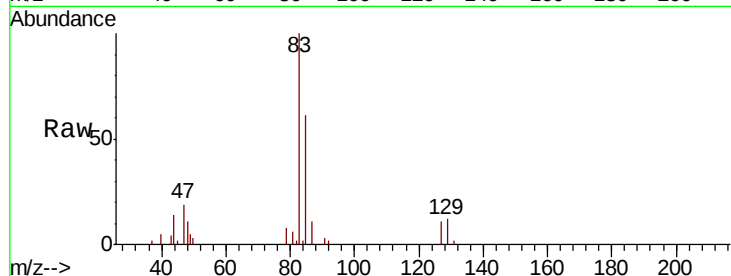
Tot Ion: 83 Resp: 9480

Ion Ratio Lower Upper

83 100

85 61.0 46.5 86.5

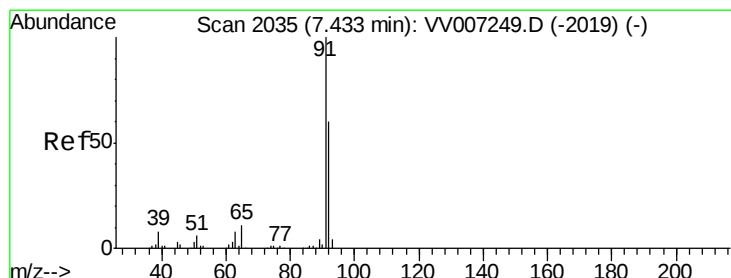
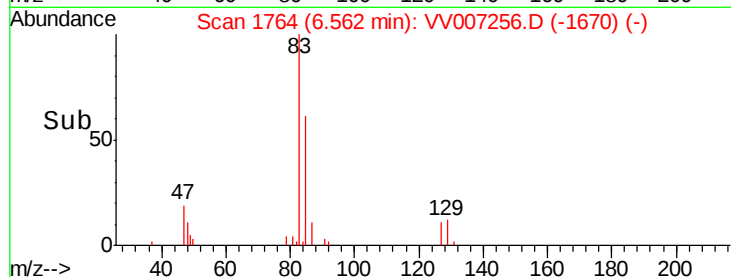
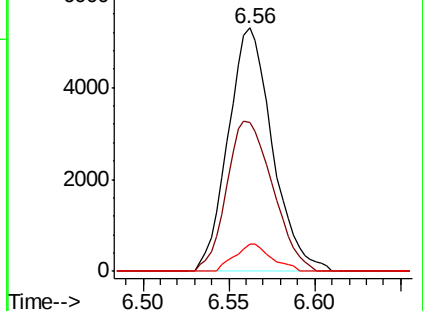
127 11.2 6.6 10.0#



Abundance Ion 82.95 (82.65 to 83.65): VV007249.D (-1748) (-)

Ion 85.00 (84.70 to 85.70): VV007249.D (-1748) (-)

Ion 126.90 (126.60 to 127.60): VV007249.D (-1748) (-)



#42

Toluene

Concen: 5.64 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007256.D

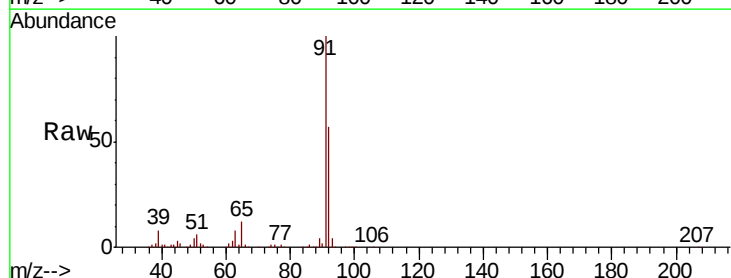
Acq: 29 Aug 2018 14:28

Tgt Ion: 91 Resp: 380047

Ion Ratio Lower Upper

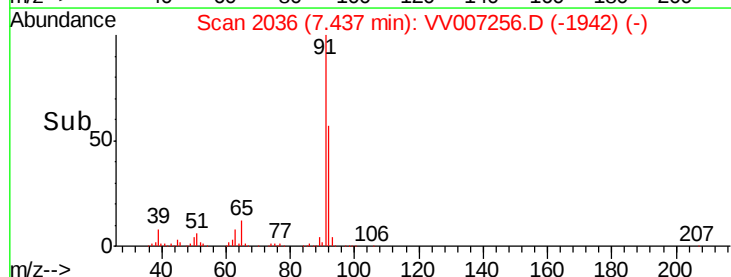
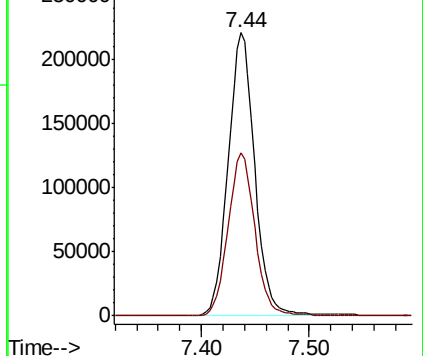
91 100

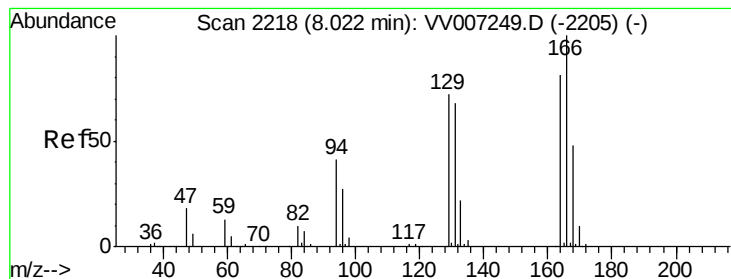
92 57.4 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV007249.D (-2019) (-)

Ion 92.15 (91.85 to 92.85): VV007249.D (-2019) (-)





#47

Tetrachloroethene

Concen: 0.27 ug/L

RT: 8.02 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV007256.D

Acq: 29 Aug 2018 14:28

Instrument :
MSVOA_V
ClientSampleId :
GAB91MS

Tot Ion:164 Resp: 3894

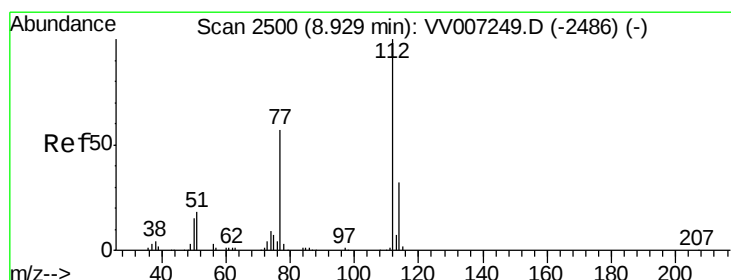
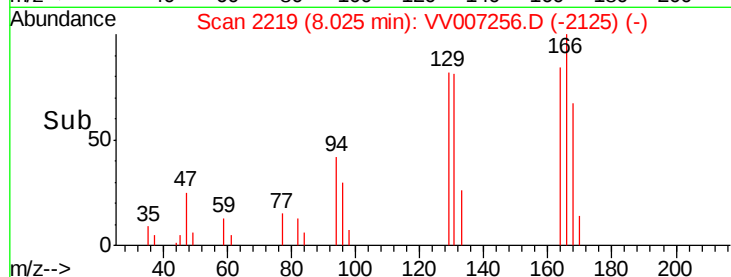
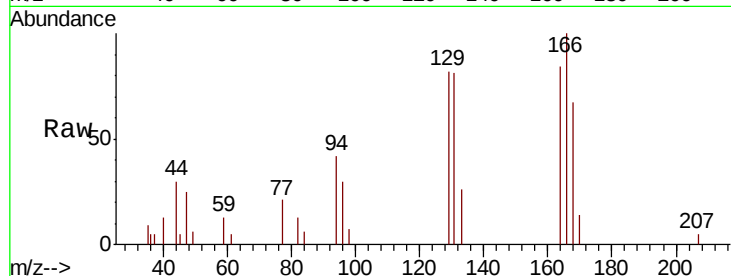
Ion Ratio Lower Upper

164 100

129 97.7 62.7 116.5

131 96.7 60.1 111.7

166 119.4 86.4 160.4



#51

Chlorobenzene

Concen: 5.47 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV007256.D

Acq: 29 Aug 2018 14:28

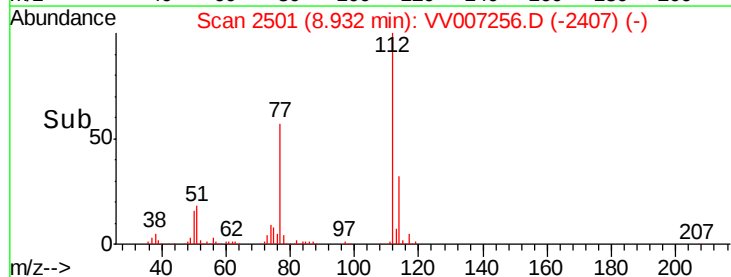
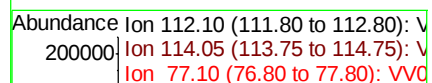
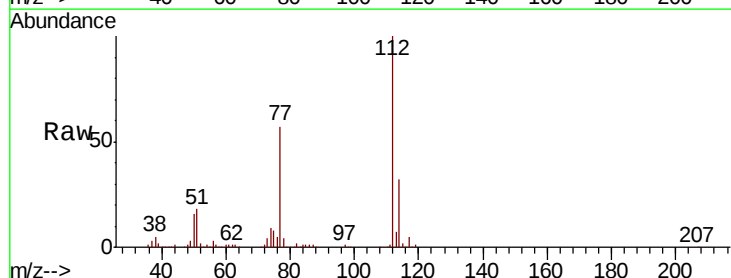
Tgt Ion:112 Resp: 250559

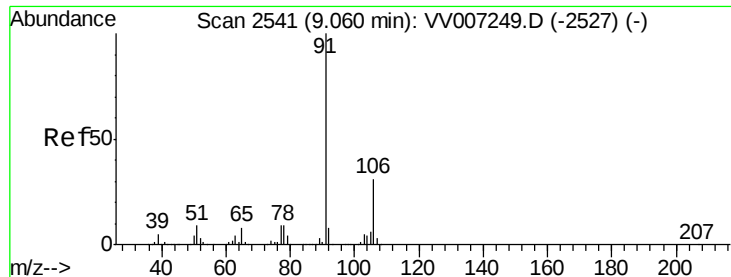
Ion Ratio Lower Upper

112 100

114 32.3 22.0 41.0

77 57.0 45.9 68.9





#52

Ethylbenzene

Concen: 11.41 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV007256.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_V

ClientSampleId :

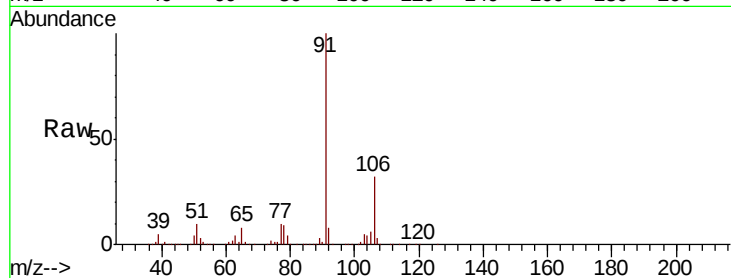
GAB91MS

Tot Ion: 91 Resp: 772139

Ion Ratio Lower Upper

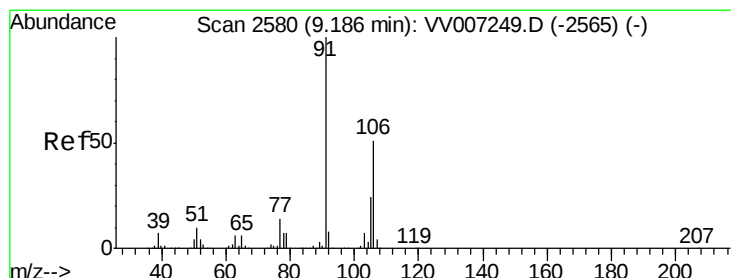
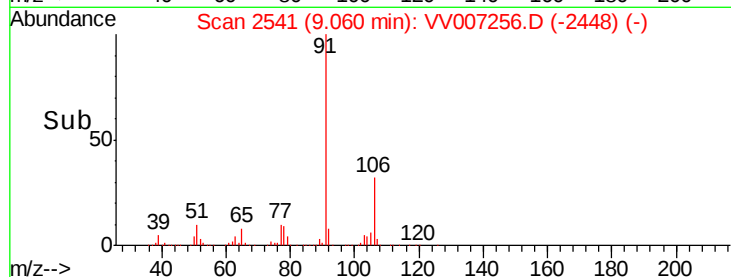
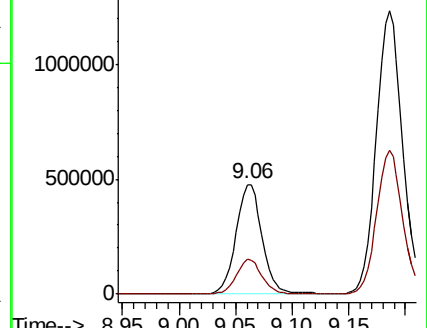
91 100

106 31.5 22.3 41.3



Abundance Ion 91.15 (90.85 to 91.85): VV007249.D (-2527) (-)

Ion 106.15 (105.85 to 106.85): VV007249.D (-2527) (-)



#53

m,p-xylene

Concen: 39.62 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV007256.D

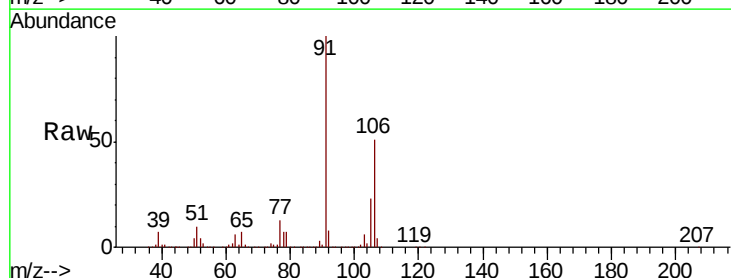
Acq: 29 Aug 2018 14:28

Tgt Ion: 106 Resp: 1020999

Ion Ratio Lower Upper

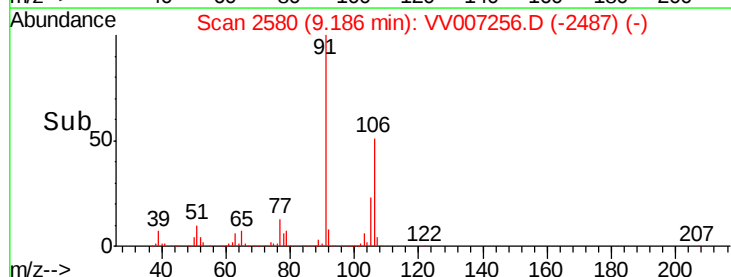
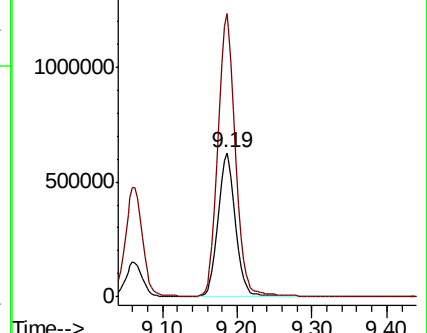
106 100

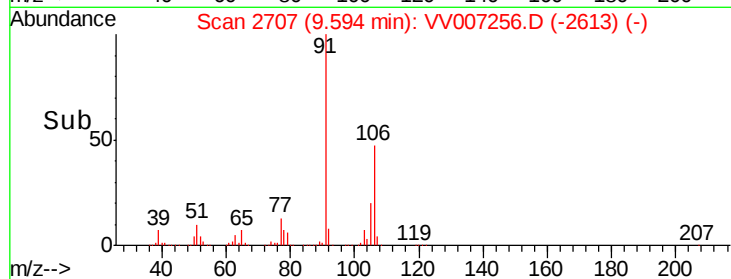
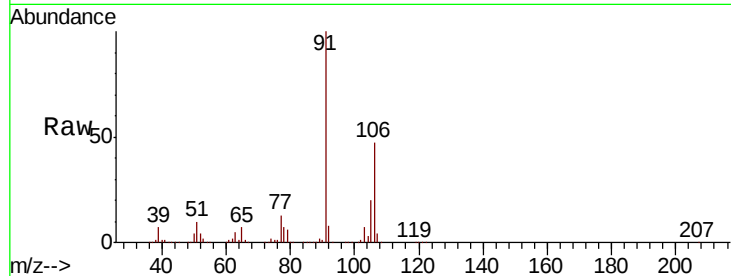
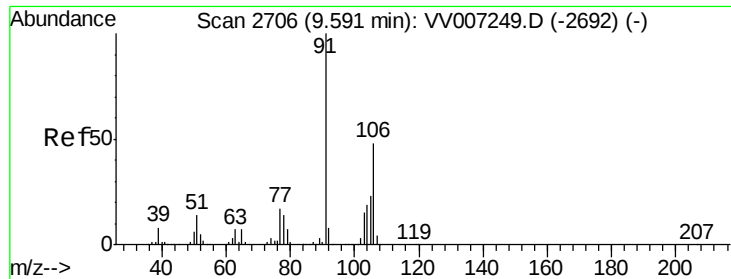
91 196.2 138.4 257.0



Abundance Ion 106.15 (105.85 to 106.85): VV007249.D (-2527) (-)

Ion 91.15 (90.85 to 91.85): VV007249.D (-2527) (-)





#54

o-xylene

Concen: 20.66 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV007256.D

Acq: 29 Aug 2018 14:28

Instrument :

MSVOA_V

ClientSampleId :

GAB91MS

Tot Ion:106 Resp: 495440

Ion Ratio Lower Upper

106 100

91 211.0 146.9 272.7

