

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082918\
 Data File : VV007257.D
 Acq On : 29 Aug 2018 14:55
 Operator : SY/MD
 Sample : J4649-08MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB91MSD

Quant Time: Aug 30 05:14:05 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	217172	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	219326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69068	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	62857	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	138393	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.80%
20) 2-Butanone-d5	3.97	46	230061	59.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.54%
24) Chloroform-d	4.41	84	160264	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.09	65	84037	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.10	84	299930	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	105295	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	227125	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.67	79	33111	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.15	63	108817	57.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84317	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	97272	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

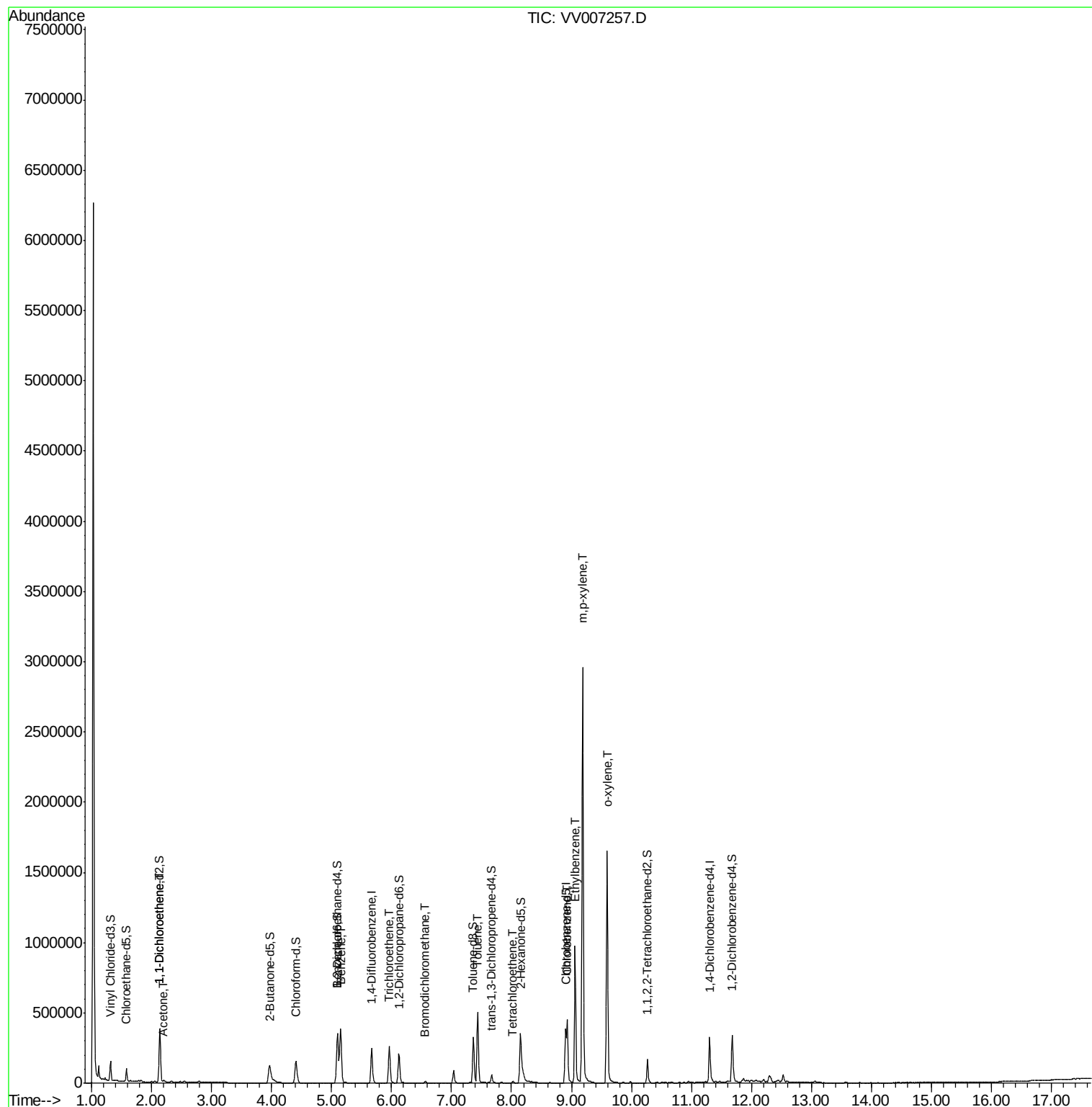
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	85460	6.50	ug/L	93
13) Acetone	2.21	43	10051	5.21	ug/L	90
33) Benzene	5.15	78	395486	6.09	ug/L	100
34) Trichloroethene	5.96	95	91179	5.56	ug/L	99
38) Bromodichloromethane	6.56	83	9005	0.44	ug/L	98
42) Toluene	7.44	91	376137	5.90	ug/L	99
47) Tetrachloroethene	8.03	164	3132	0.23	ug/L	94
51) Chlorobenzene	8.93	112	246685	5.69	ug/L	99
52) Ethylbenzene	9.06	91	677179	10.57	ug/L	100
53) m,p-xylene	9.19	106	862302	35.34	ug/L	100
54) o-xylene	9.59	106	455887	20.07	ug/L	100

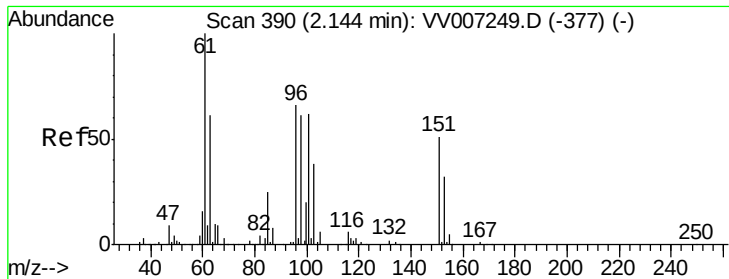
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.50 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007257.D

Acq: 29 Aug 2018 14:55

Instrument :

MSVOA_V

ClientSampleId :

GAB91MSD

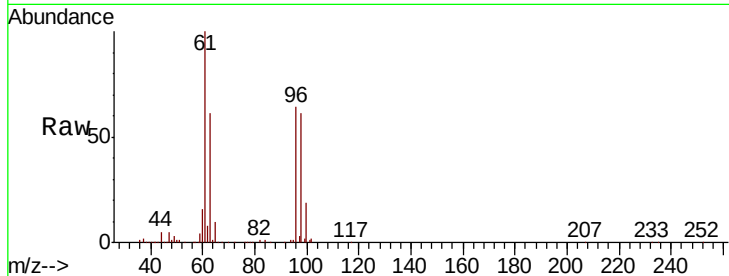
Tot Ion: 96 Resp: 85460

Ion Ratio Lower Upper

96 100

61 155.1 112.3 208.5

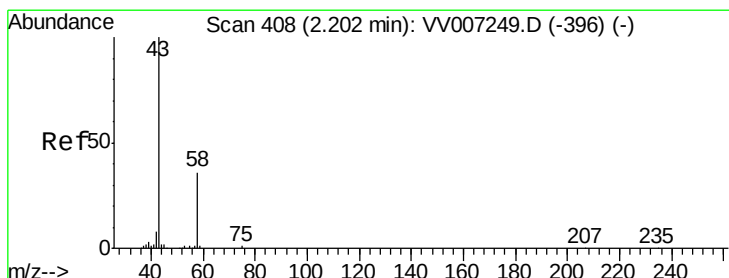
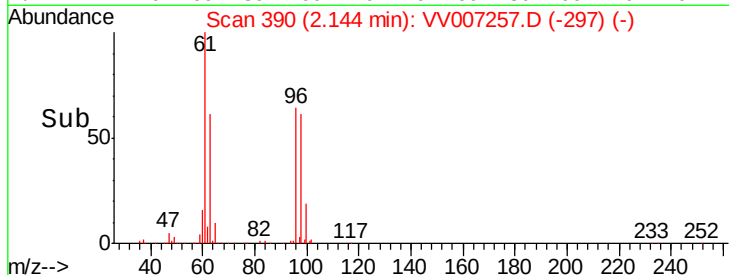
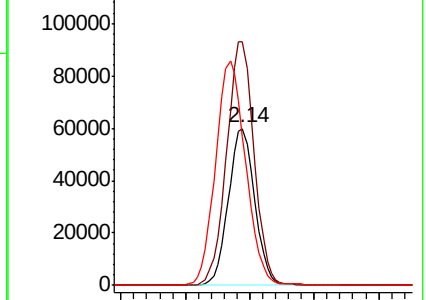
63 94.7 75.4 140.0



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: 5.21 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV007257.D

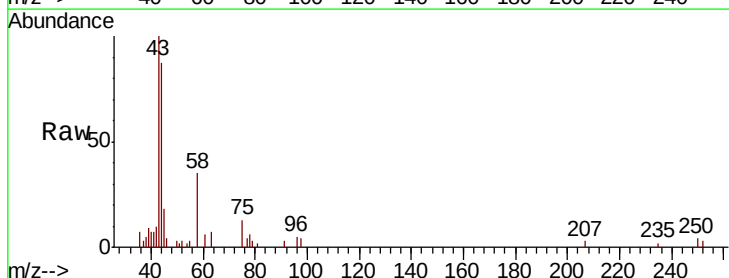
Acq: 29 Aug 2018 14:55

Tgt Ion: 43 Resp: 10051

Ion Ratio Lower Upper

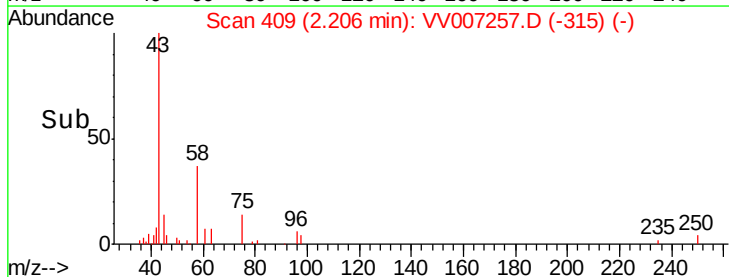
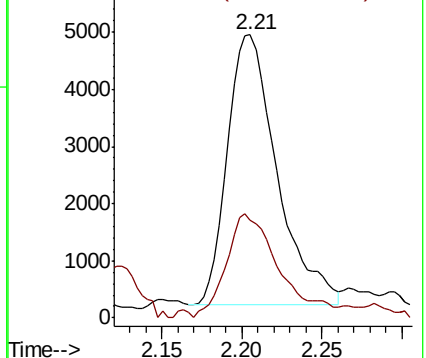
43 100

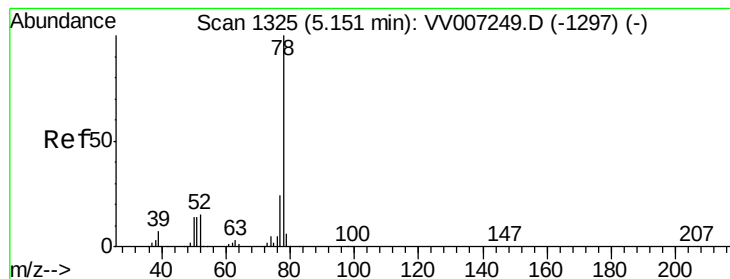
58 41.1 0.0 70.2



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: 6.09 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VV007257.D

Acq: 29 Aug 2018 14:55

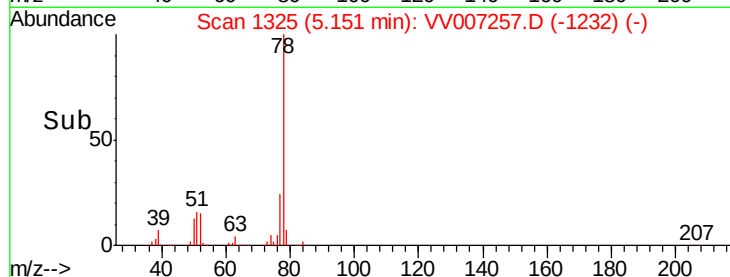
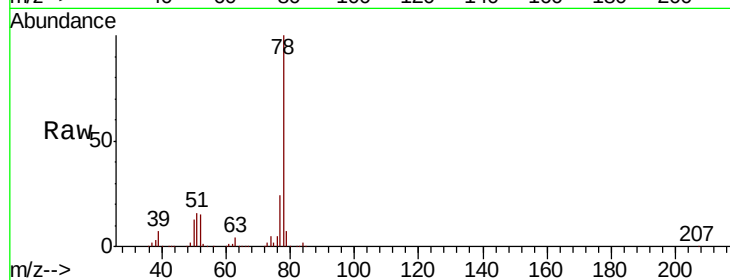
Instrument :

MSVOA_V

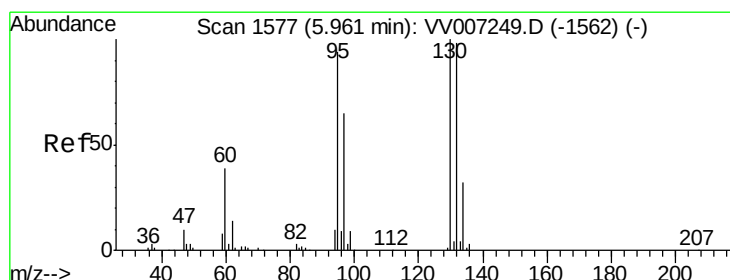
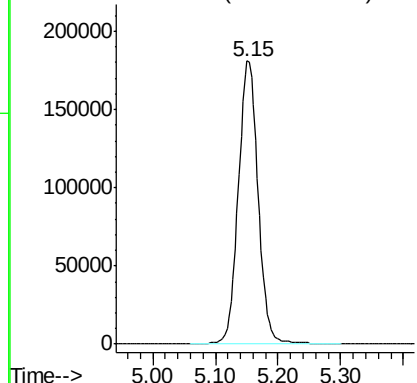
ClientSampleId :

GAB91MSD

Tgt Ion: 78 Resp: 395486



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.56 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007257.D

Acq: 29 Aug 2018 14:55

Tgt Ion: 95 Resp: 91179

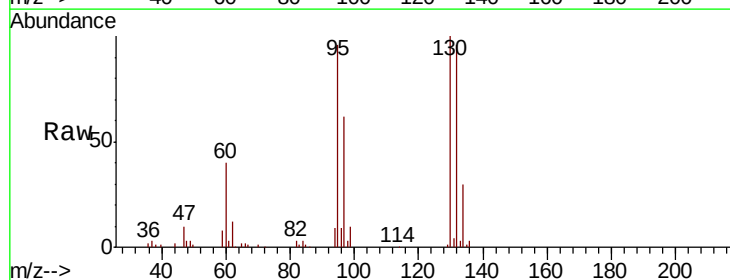
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.2	82.2
132	100.3	71.3	132.3
130	104.0	72.8	135.2

95 100

97 64.7 44.2 82.2

132 100.3 71.3 132.3

130 104.0 72.8 135.2

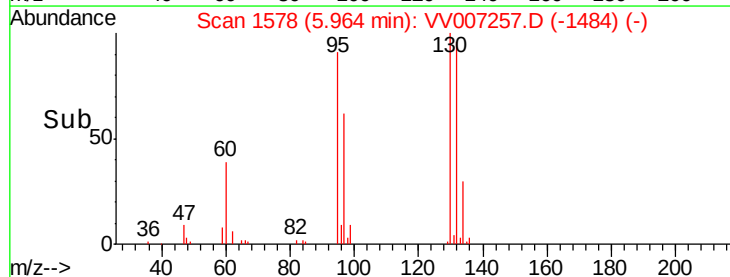
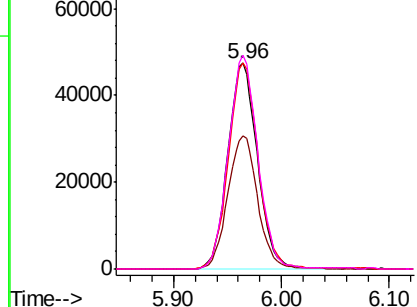


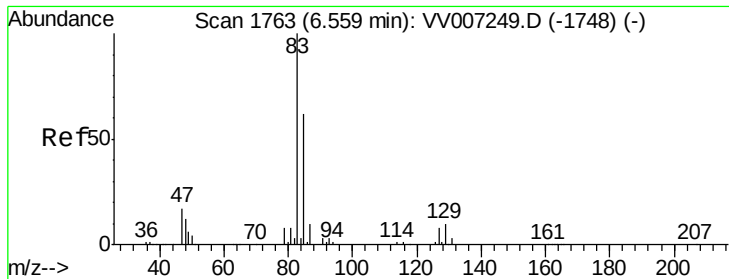
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

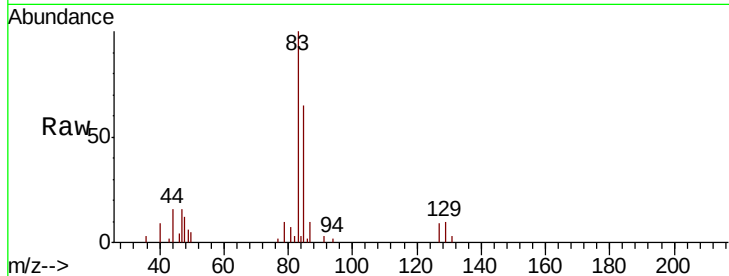




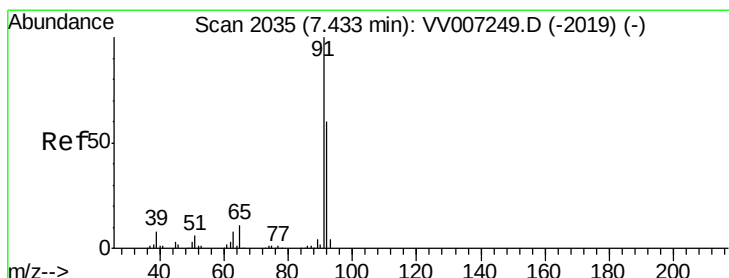
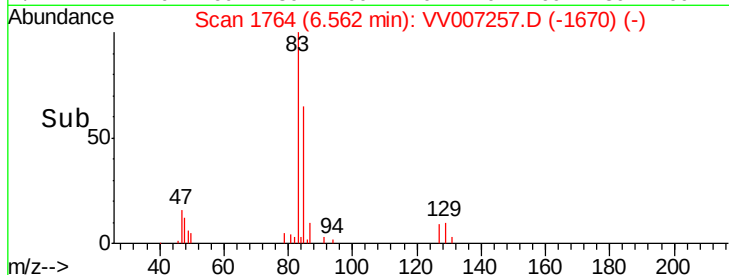
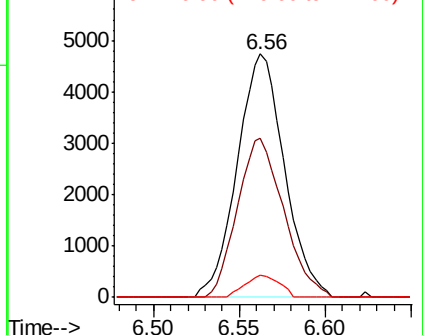
#38
 Bromodichloromethane
 Concen: 0.44 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV007257.D
 Acq: 29 Aug 2018 14:55

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB91MSD

Tot Ion: 83 Resp: 9005
 Ion Ratio Lower Upper
 83 100
 85 65.2 46.5 86.5
 127 9.2 6.6 10.0

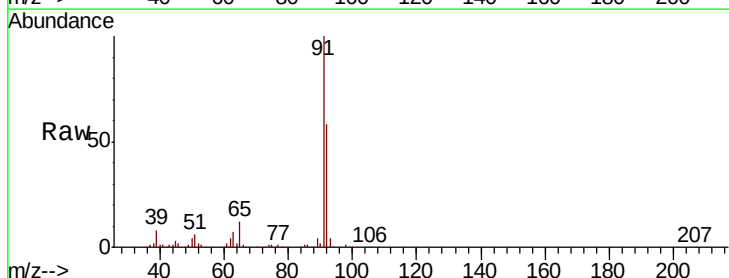


Abundance Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0
 Ion 126.90 (126.60 to 127.60): V

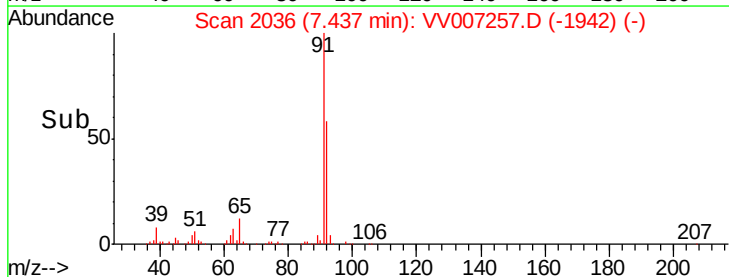
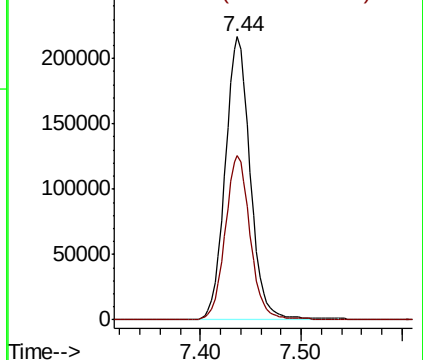


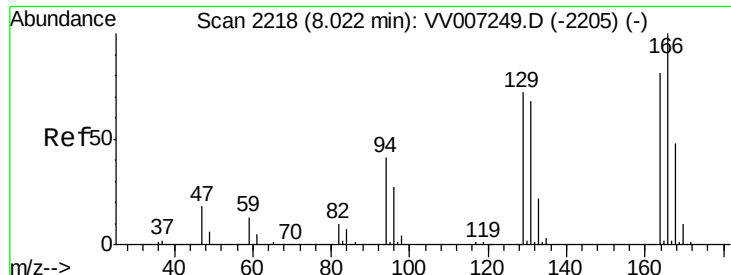
#42
 Toluene
 Concen: 5.90 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV007257.D
 Acq: 29 Aug 2018 14:55

Tgt Ion: 91 Resp: 376137
 Ion Ratio Lower Upper
 91 100
 92 58.3 41.1 76.3



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

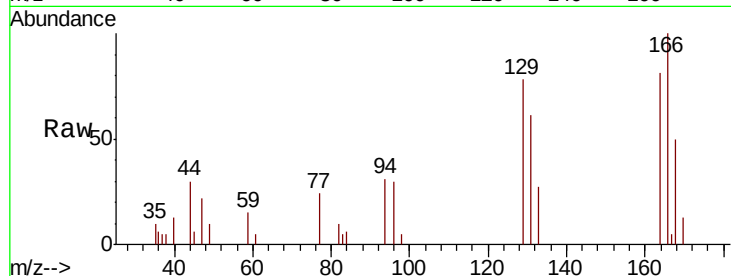




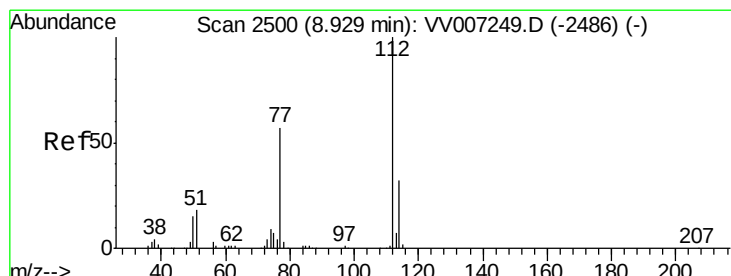
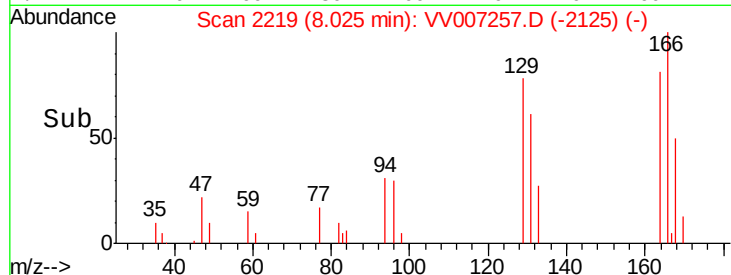
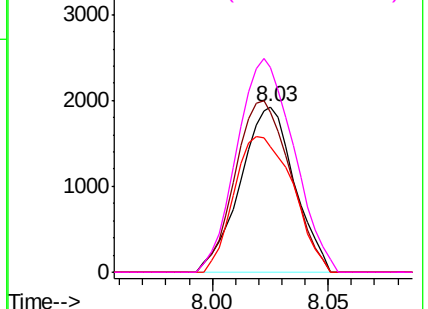
#47
Tetrachloroethene
 Concen: 0.23 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV007257.D
 Acq: 29 Aug 2018 14:55

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB91MSD

Tot Ion:164 Resp: 3132
 Ion Ratio Lower Upper
 164 100
 129 96.7 62.7 116.5
 131 75.5 60.1 111.7
 166 124.0 86.4 160.4

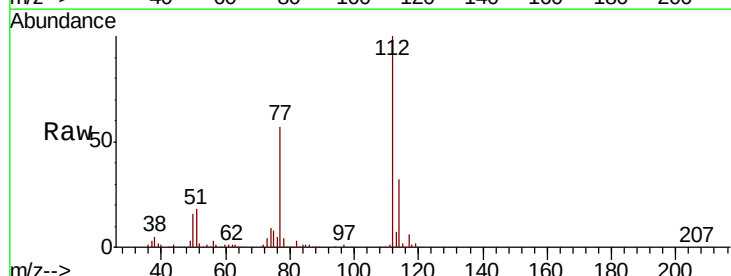


Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

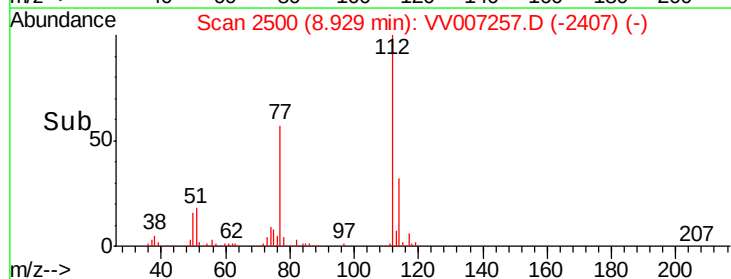
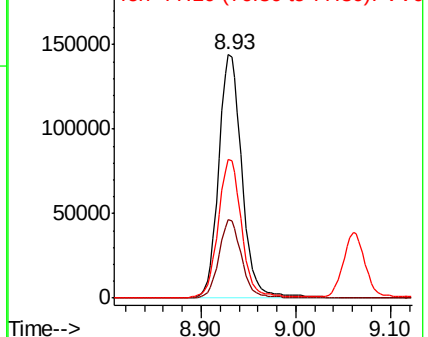


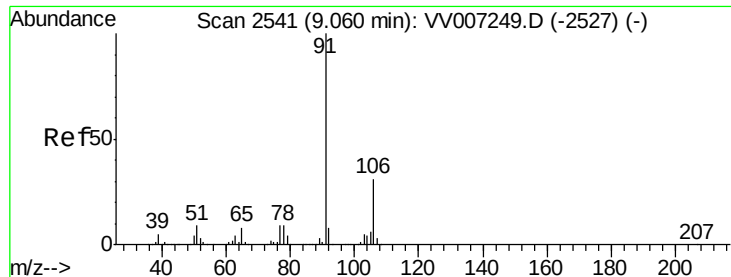
#51
Chlorobenzene
 Concen: 5.69 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VV007257.D
 Acq: 29 Aug 2018 14:55

Tgt Ion:112 Resp: 246685
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.0 41.0
 77 56.9 45.9 68.9



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: 10.57 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV007257.D

Acq: 29 Aug 2018 14:55

Instrument :

MSVOA_V

ClientSampleId :

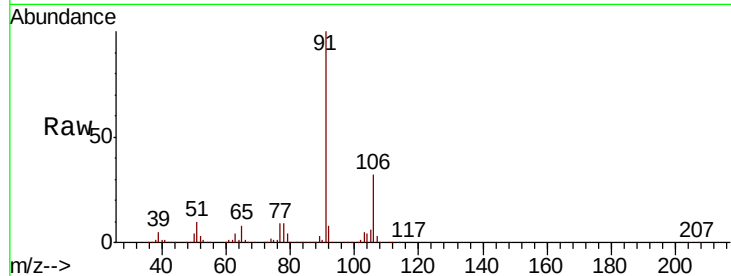
GAB91MSD

Tot Ion: 91 Resp: 677179

Ion Ratio Lower Upper

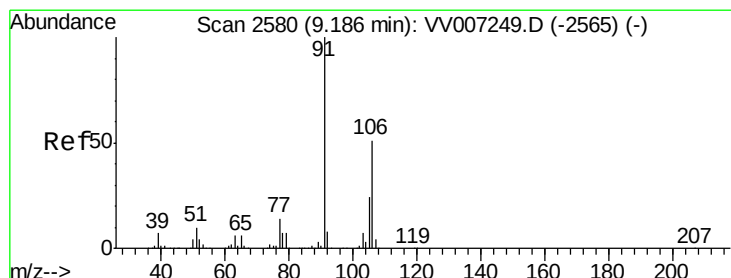
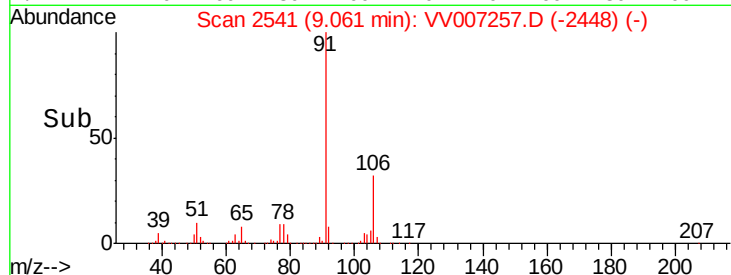
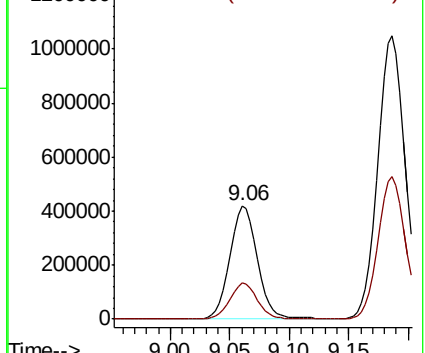
91 100

106 31.7 22.3 41.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 35.34 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV007257.D

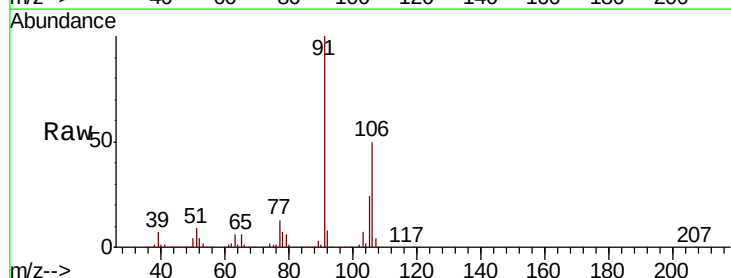
Acq: 29 Aug 2018 14:55

Tgt Ion: 106 Resp: 862302

Ion Ratio Lower Upper

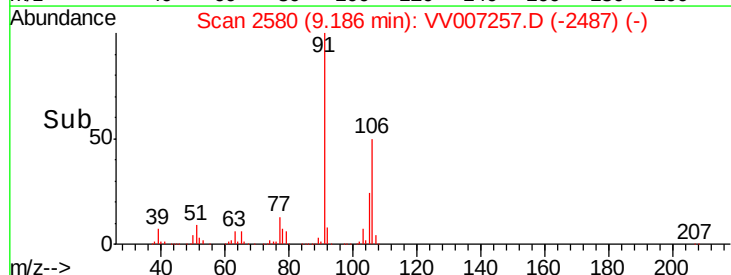
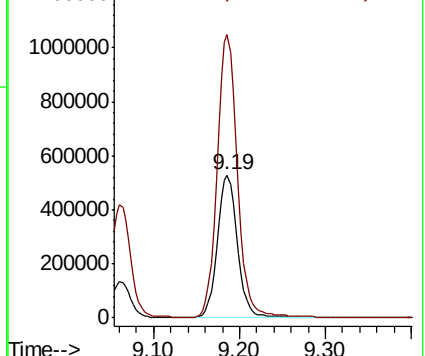
106 100

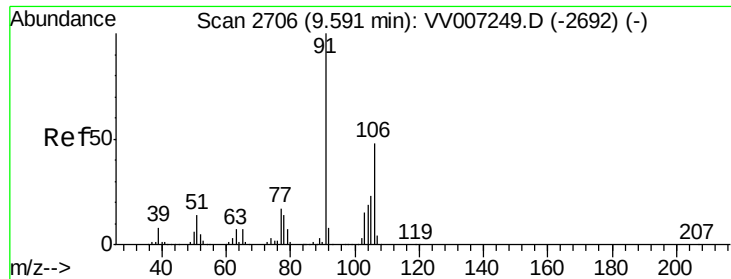
91 198.3 138.4 257.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#54
 o-xylene
 Concen: 20.07 ug/L
 RT: 9.59 min Scan# 2707
 Delta R.T. 0.00 min
 Lab File: VV007257.D
 Acq: 29 Aug 2018 14:55

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB91MSD

Tot Ion:106 Resp: 455887
 Ion Ratio Lower Upper
 106 100
 91 210.2 146.9 272.7

