

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010116.D
 Acq On : 24 Apr 2019 17:44
 Operator : SY/VA
 Sample : K2481-07
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW2RE

Quant Time: Apr 25 01:39:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	510805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407536	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	101176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60606	12.41	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.64%
7) Chloroethane-d5	2.89	69	65620	16.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.04%
10) 1,1-Dichloroethene-d2	4.00	63	119910	8.37	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.48%#
20) 2-Butanone-d5	7.10	46	147697	64.05	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.10%
24) Chloroform-d	7.64	84	315822	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	211715	26.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.48%
29) Benzene-d6	8.27	84	554905	24.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.16%
33) 1,2-Dichloropropane-d6	9.27	67	196491	27.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.24%
37) Toluene-d8	10.32	98	420217	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.16%
38) trans-1,3-Dichloropropene-	10.58	79	75167	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.68%
39) 2-Hexanone-d5	10.93	63	101919	67.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130538	21.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	78638	20.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.96%

Target Compounds

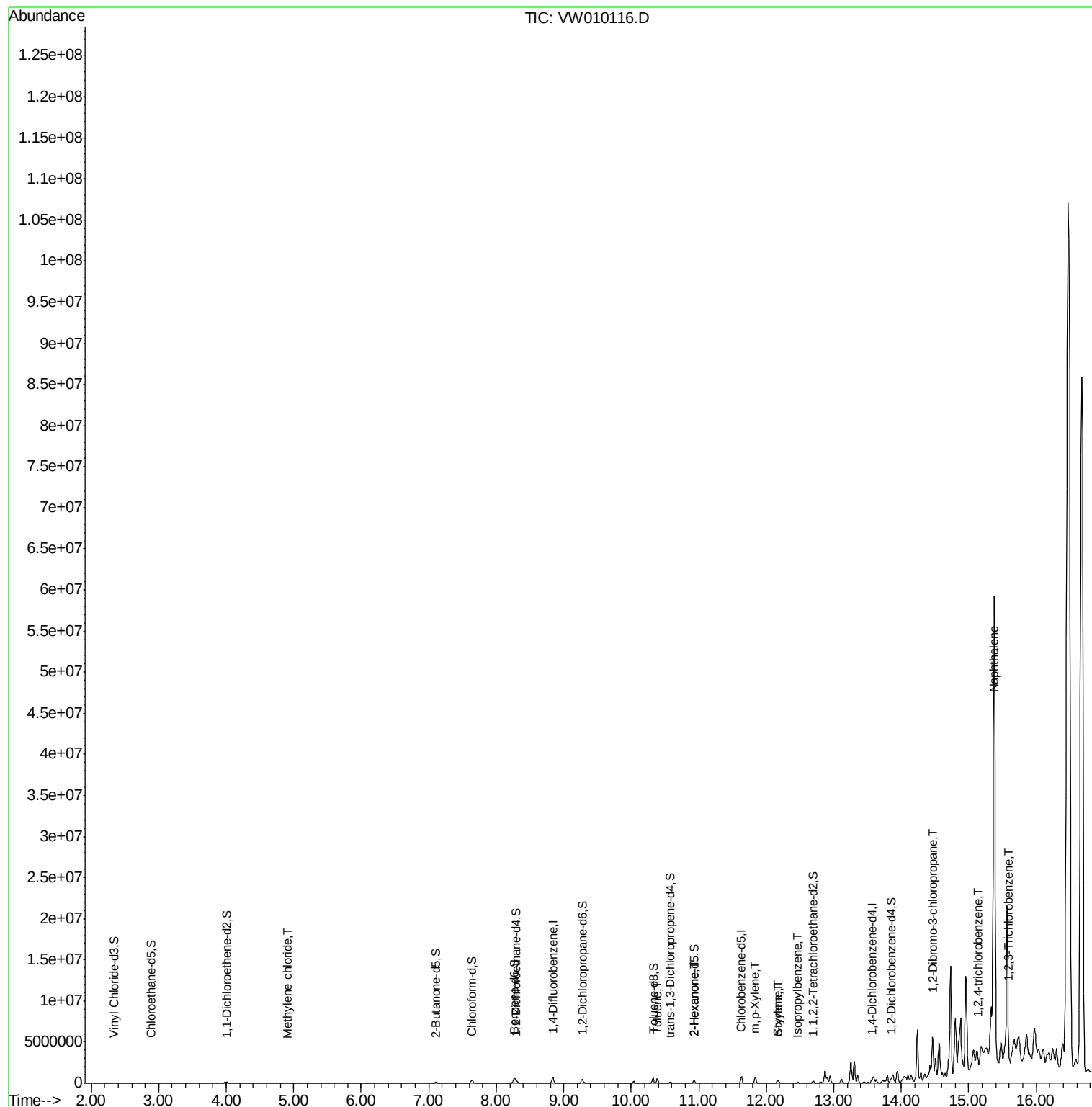
					Qvalue
16) Methylene chloride	4.90	84	13208	1.845	ug/L 91
44) Toluene	10.38	91	382873	14.591	ug/L 99
49) 2-Hexanone	10.93	43	13852	3.976	ug/L # 68
54) m,p-Xylene	11.84	106	183030	16.801	ug/L 97
55) o-xylene	12.16	106	62875	6.086	ug/L 90
56) Styrene	12.18	104	55469	3.157	ug/L 97
57) Isopropylbenzene	12.46	105	40672	1.447	ug/L 98
66) 1,2-Dibromo-3-chloropropan	14.47	75	62232	112.441	ug/L # 6
68) 1,2,4-trichlorobenzene	15.15	180	2190	0.570	ug/L # 1
69) Naphthalene	15.36	128	2731910	288.017	ug/L # 1
70) 1,2,3-Trichlorobenzene	15.59	180	12556	3.492	ug/L # 1

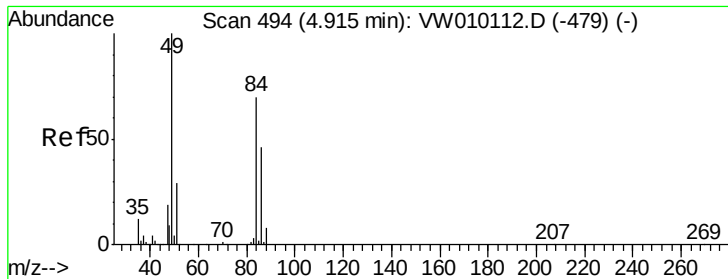
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010116.D
Acq On : 24 Apr 2019 17:44
Operator : SY/VA
Sample : K2481-07
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHW2RE

Quant Time: Apr 25 01:39:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 01:36:45 2019
Response via : Initial Calibration

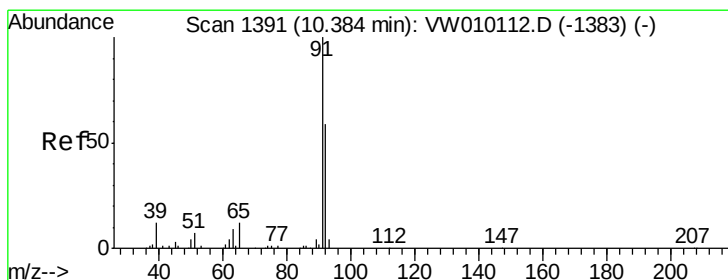
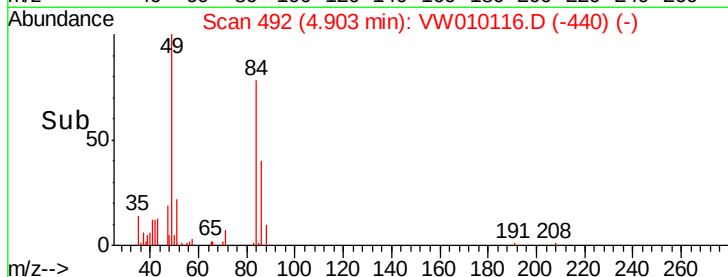
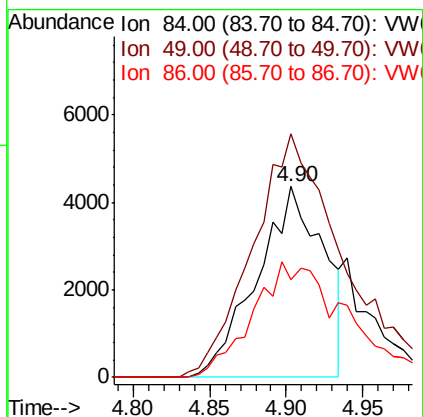
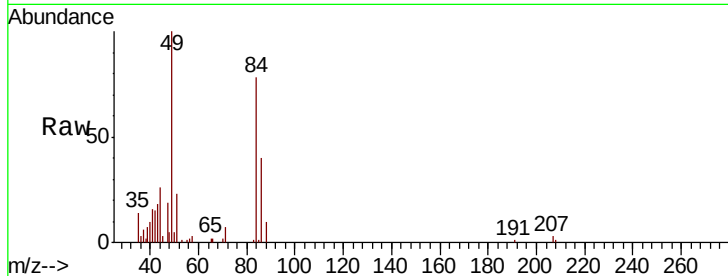




#16
Methylene chloride
Concen: 1.845 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010116.D
Acq: 24 Apr 2019 17:44

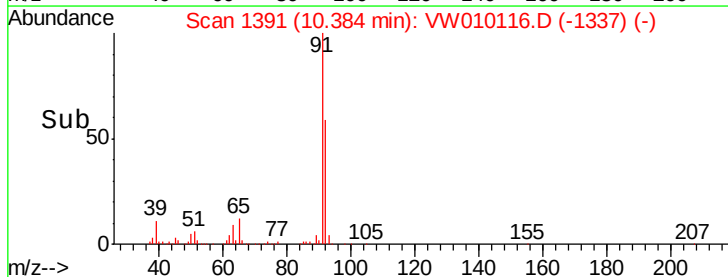
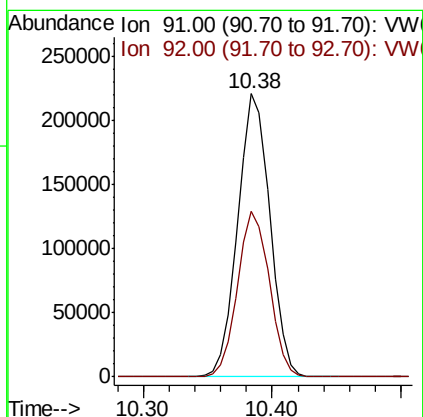
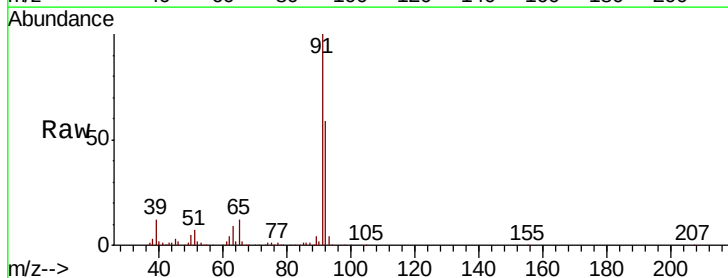
Instrument :
MSVOA_W
ClientSampled :
GAHW2RE

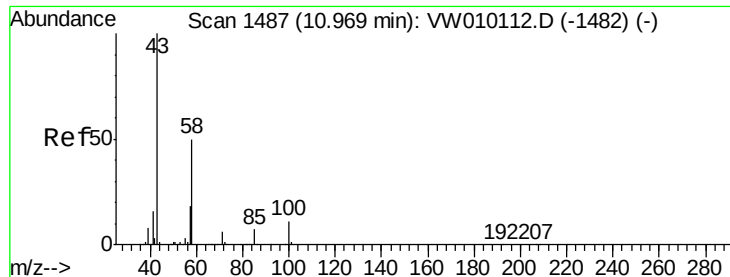
Tgt Ion: 84 Resp: 13208
Ion Ratio Lower Upper
84 100
49 127.7 93.5 173.7
86 51.1 44.9 83.5



#44
Toluene
Concen: 14.591 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW010116.D
Acq: 24 Apr 2019 17:44

Tgt Ion: 91 Resp: 382873
Ion Ratio Lower Upper
91 100
92 58.6 40.3 74.9





#49

2-Hexanone

Concen: 3.976 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW010116.D

Acq: 24 Apr 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

GAHW2RE

Tgt Ion: 43 Resp: 13852

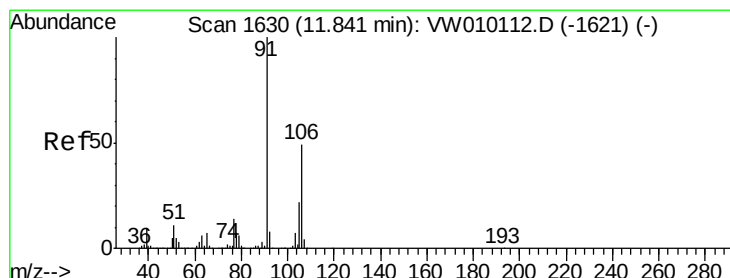
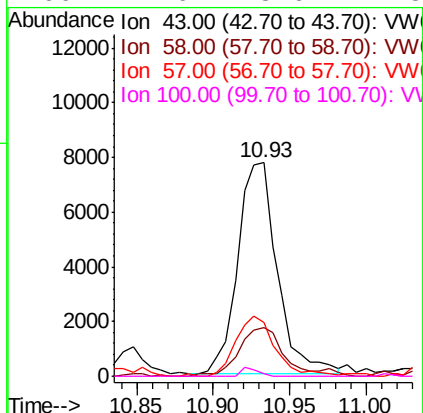
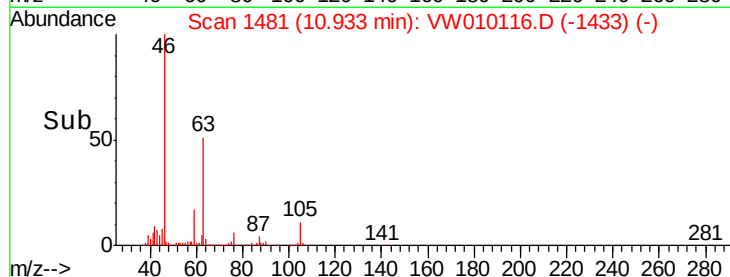
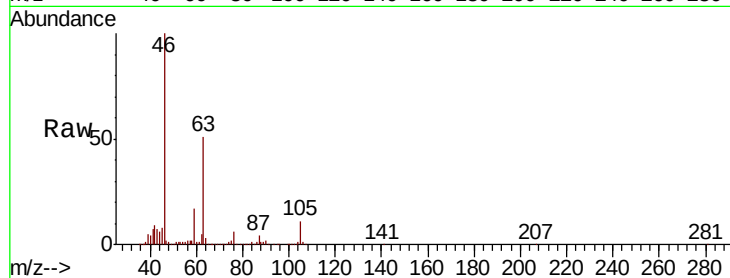
Ion Ratio Lower Upper

43 100

58 24.4 39.9 59.9#

57 27.4 14.3 21.5#

100 1.6 8.6 12.8#



#54

m,p-Xylene

Concen: 16.801 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010116.D

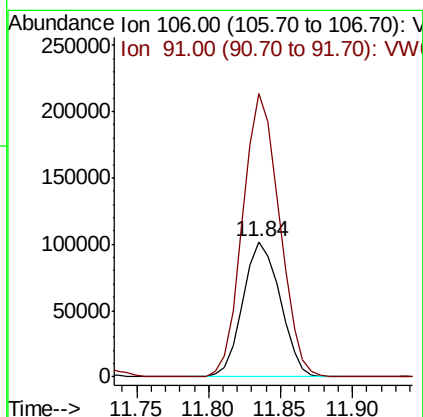
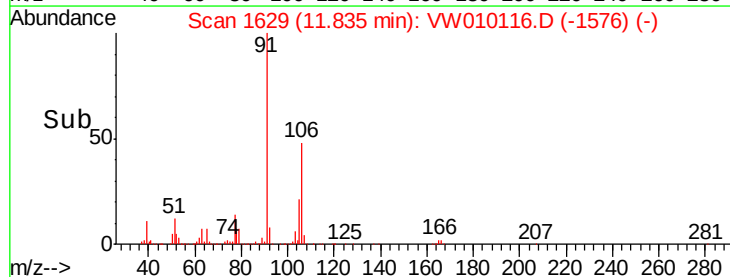
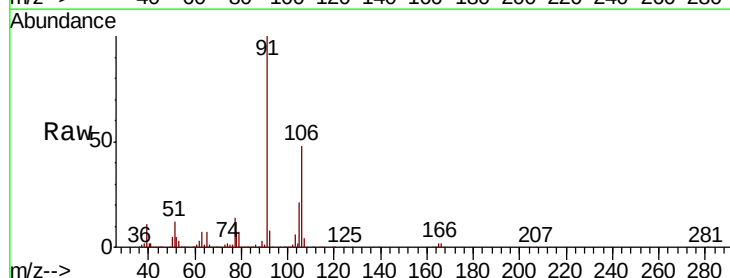
Acq: 24 Apr 2019 17:44

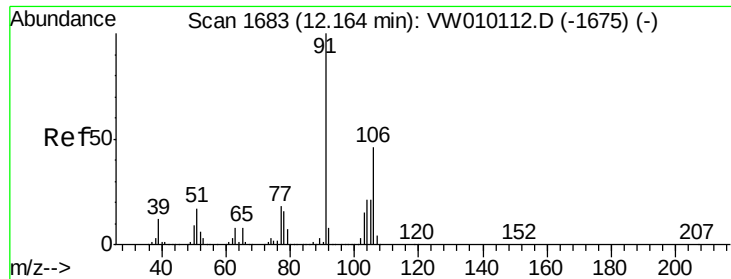
Tgt Ion: 106 Resp: 183030

Ion Ratio Lower Upper

106 100

91 209.0 143.4 266.4

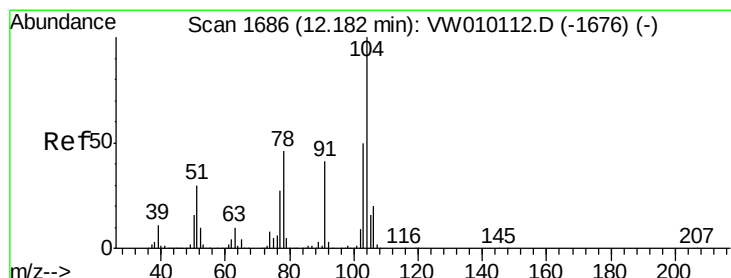
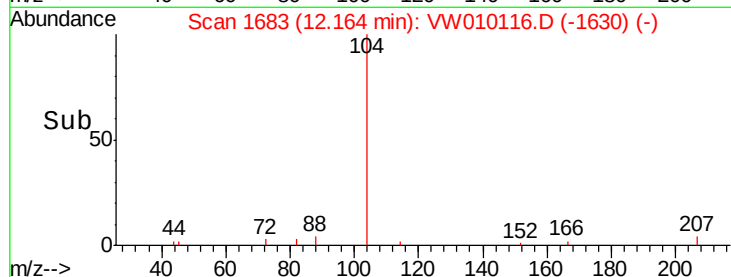
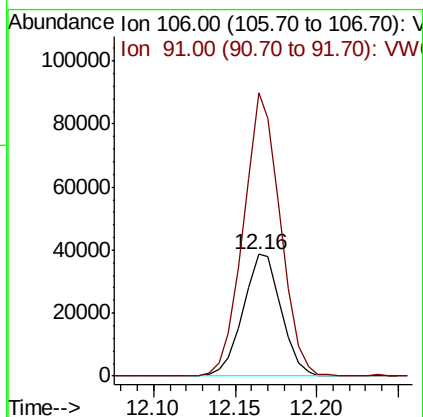
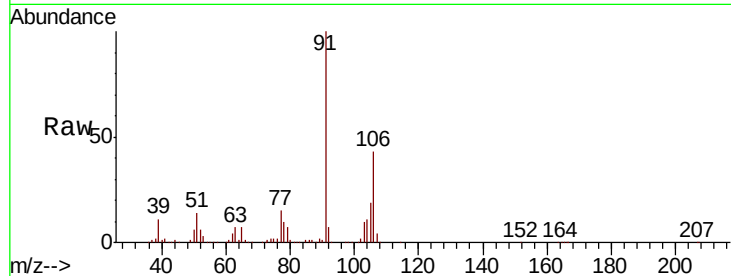




#55
o-xylene
Concen: 6.086 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010116.D
Acq: 24 Apr 2019 17:44

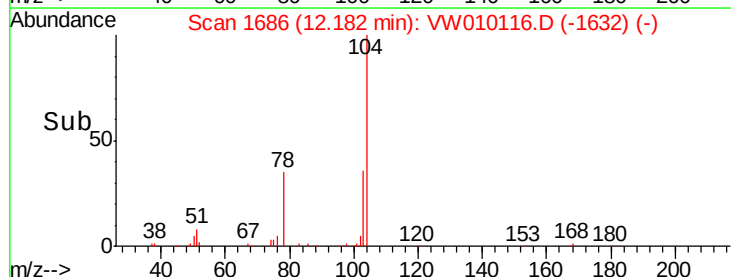
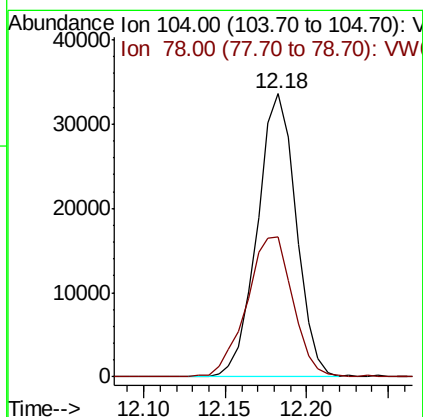
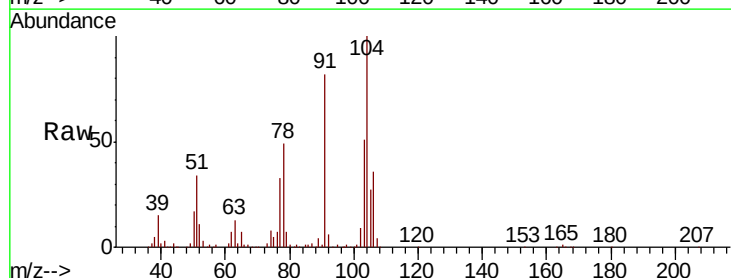
Instrument :
MSVOA_W
ClientSampled :
GAHW2RE

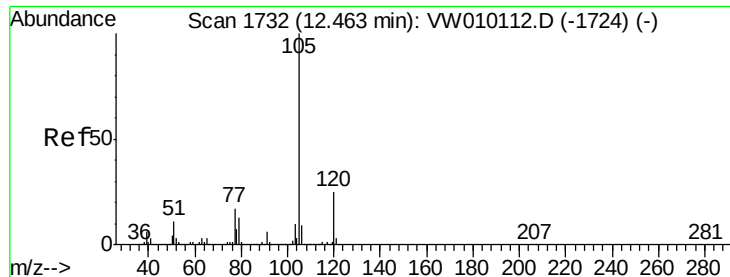
Tgt Ion:106 Resp: 62875
Ion Ratio Lower Upper
106 100
91 232.2 151.4 281.2



#56
Styrene
Concen: 3.157 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010116.D
Acq: 24 Apr 2019 17:44

Tgt Ion:104 Resp: 55469
Ion Ratio Lower Upper
104 100
78 49.4 33.4 62.0





#57

Isopropylbenzene

Concen: 1.447 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010116.D

Acq: 24 Apr 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

GAHW2RE

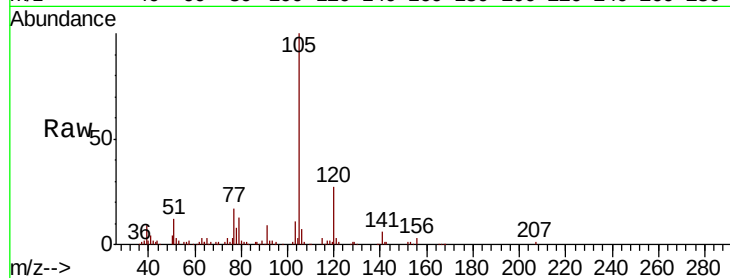
Tgt Ion: 105 Resp: 40672

Ion Ratio Lower Upper

105 100

120 27.6 20.8 31.2

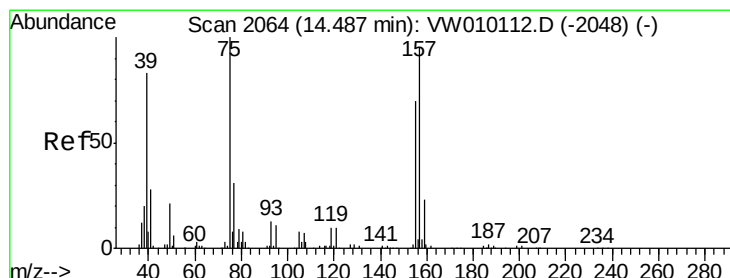
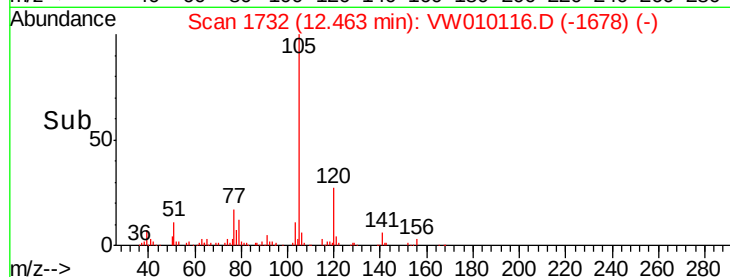
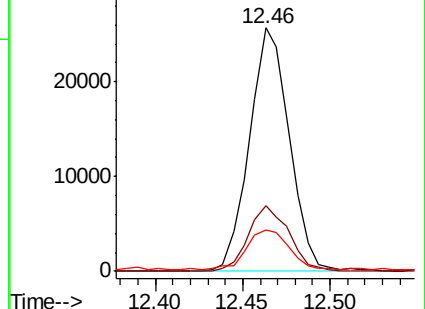
77 17.2 13.3 19.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 112.441 ug/L

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW010116.D

Acq: 24 Apr 2019 17:44

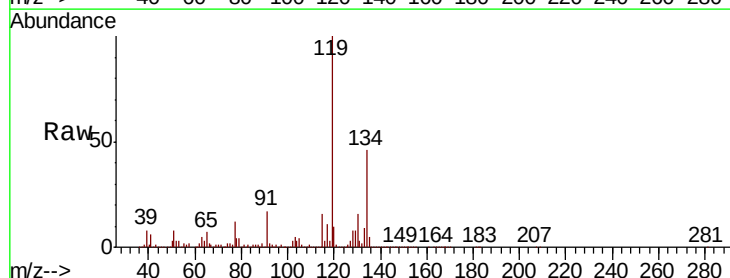
Tgt Ion: 75 Resp: 62232

Ion Ratio Lower Upper

75 100

157 0.0 78.4 117.6#

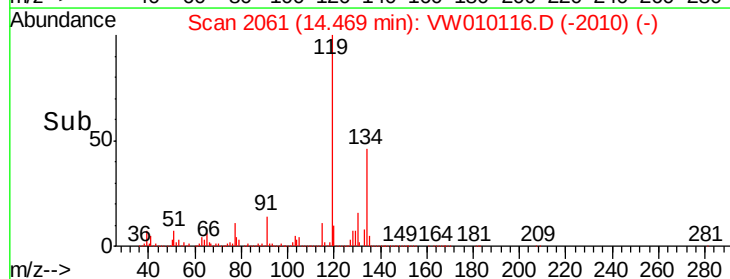
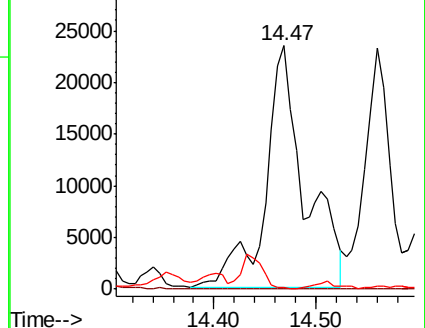
155 0.5 60.2 90.2#

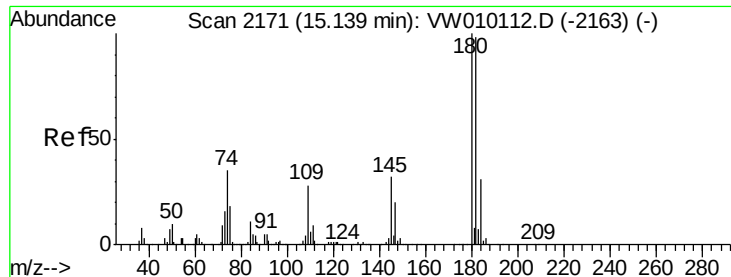


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V





#68

1,2,4-trichlorobenzene

Concen: 0.570 ug/L

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW010116.D

Acq: 24 Apr 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

GAHW2RE

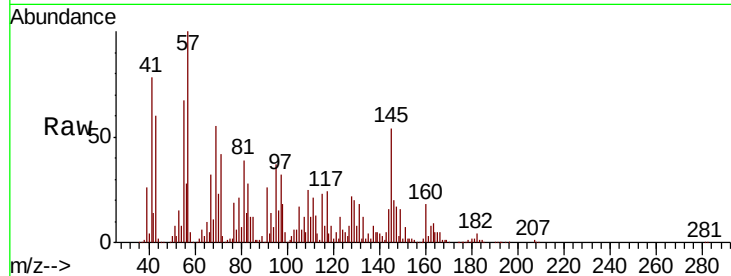
Tgt Ion:180 Resp: 2190

Ion Ratio Lower Upper

180 100

182 437.6 75.0 112.4#

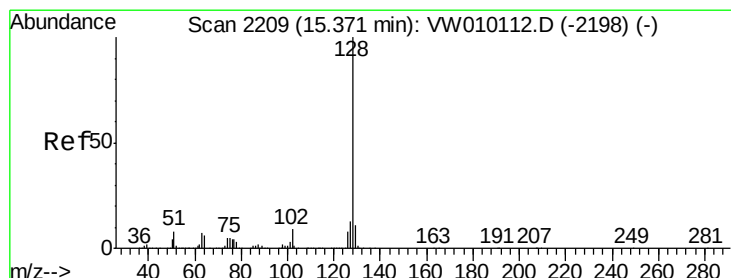
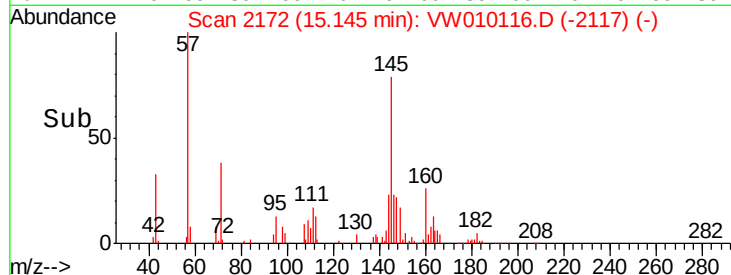
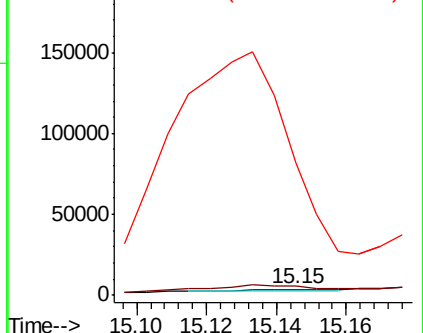
145 15581.9 24.4 36.6#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#69

Naphthalene

Concen: 288.017 ug/L

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW010116.D

Acq: 24 Apr 2019 17:44

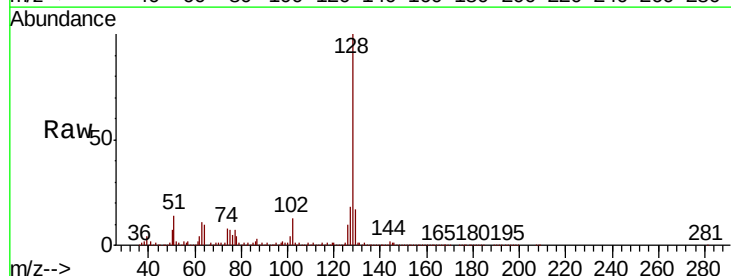
Tgt Ion:128 Resp: 2731910

Ion Ratio Lower Upper

128 100

129 272.3 8.6 13.0#

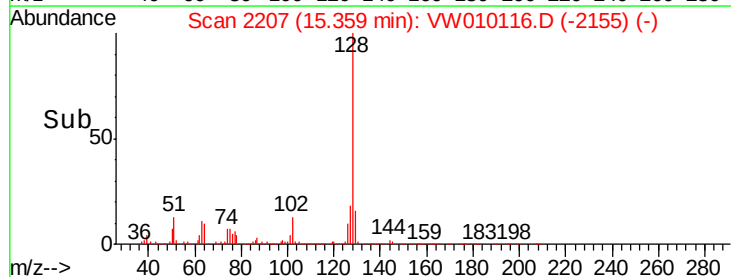
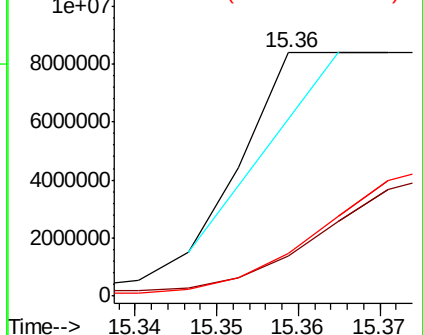
127 301.9 10.8 16.2#

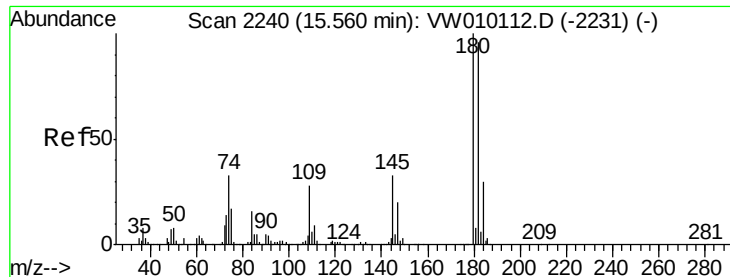


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 3.492 ug/L
 RT: 15.59 min Scan# 2245
 Delta R.T. 0.03 min
 Lab File: VW010116.D
 Acq: 24 Apr 2019 17:44

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW2RE

Tgt Ion:180 Resp: 12556
 Ion Ratio Lower Upper
 180 100
 182 59.8 75.2 112.8#
 145 967.3 26.1 39.1#

