

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010253.D
 Acq On : 01 May 2019 19:40
 Operator : SY/VA
 Sample : K2604-10
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ84

Quant Time: May 02 03:46:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 03:31:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	544720	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	451740	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147857	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97975	15.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.40%
7) Chloroethane-d5	2.89	69	93750	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.00%
10) 1,1-Dichloroethene-d2	4.01	63	191842	13.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.84%
20) 2-Butanone-d5	7.08	46	113923	49.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.96%
24) Chloroform-d	7.65	84	325489	23.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	8.31	65	194096	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	8.27	84	559803	23.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.04%
33) 1,2-Dichloropropane-d6	9.27	67	197087	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.76%
37) Toluene-d8	10.32	98	450902	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.52%
38) trans-1,3-Dichloropropene-	10.58	79	74496	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	10.93	63	86133	53.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155049	23.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	114256	20.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.20%

Target Compounds

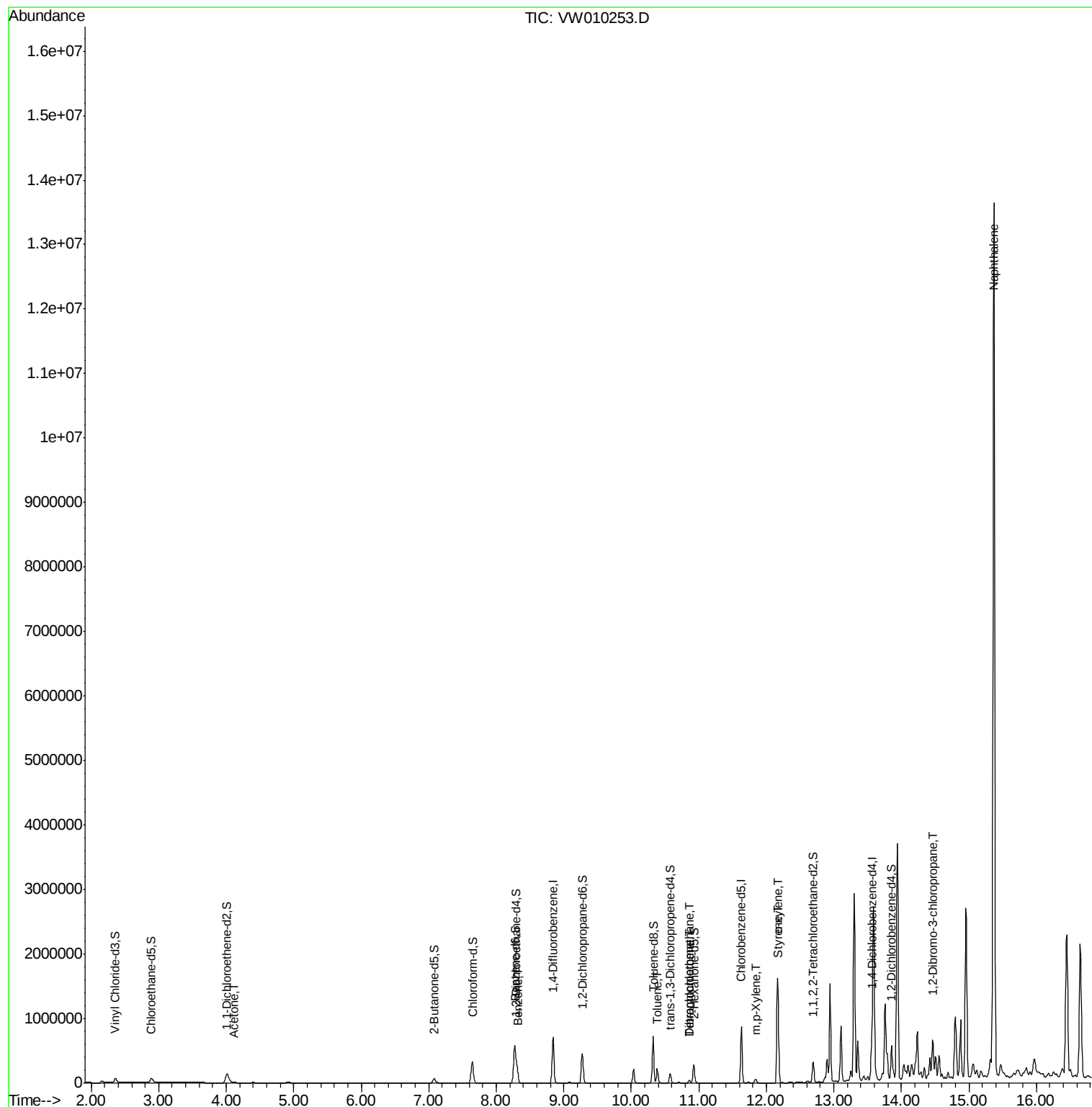
					Ovalue
13) Acetone	4.12	43	12778	7.094	ug/L 74
34) Benzene	8.32	78	19780	0.780	ug/L 100
44) Toluene	10.38	91	157609	5.809	ug/L 97
47) Tetrachloroethene	10.87	164	7815	1.393	ug/L 94
50) Dibromochloromethane	10.86	129	7738	1.267	ug/L # 9
54) m,p-Xylene	11.83	106	16742	1.448	ug/L 88
55) o-xylene	12.16	106	376301	34.435	ug/L 99
56) Styrene	12.18	104	151685	8.015	ug/L 85
66) 1,2-Dibromo-3-chloropropan	14.47	75	11061	15.838	ug/L # 2
69) Naphthalene	15.37	128	11006407	966.058	ug/L 98

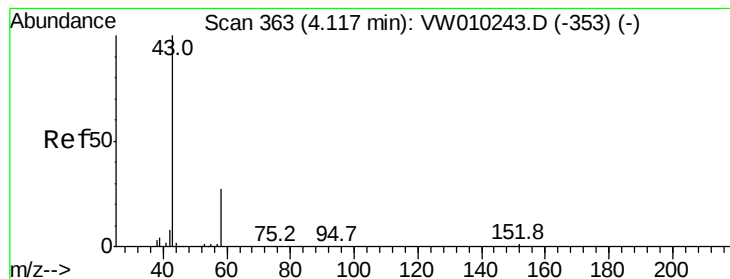
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 03:31:19 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.094 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010253.D

Acq: 01 May 2019 19:40

Instrument :

MSVOA_W

ClientSampled :

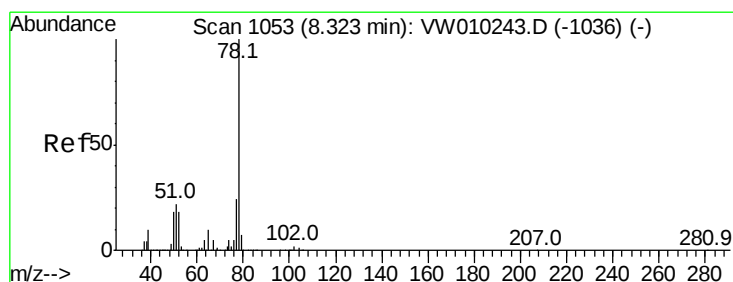
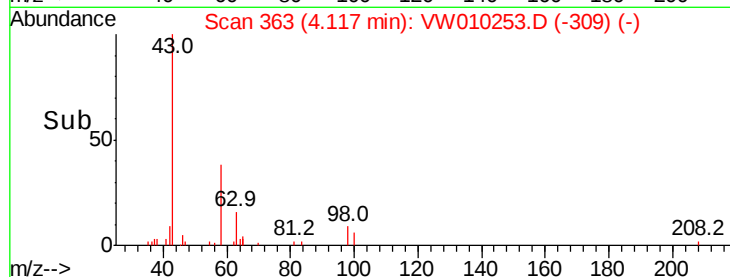
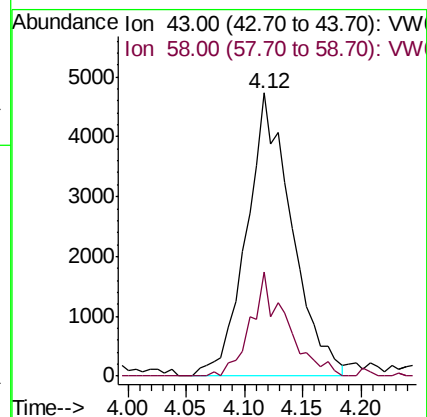
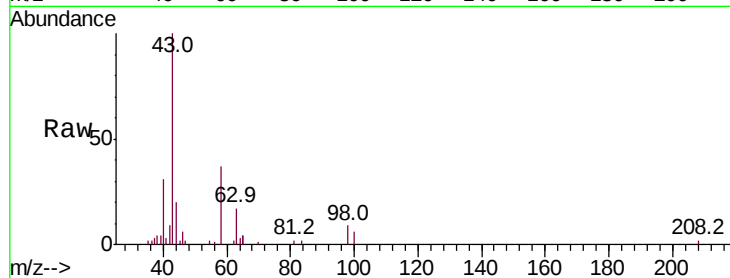
GAJ84

Tot Ion: 43 Resp: 12778

Ion Ratio Lower Upper

43 100

58 16.0 0.0 59.8



#34

Benzene

Concen: 0.780 ug/L

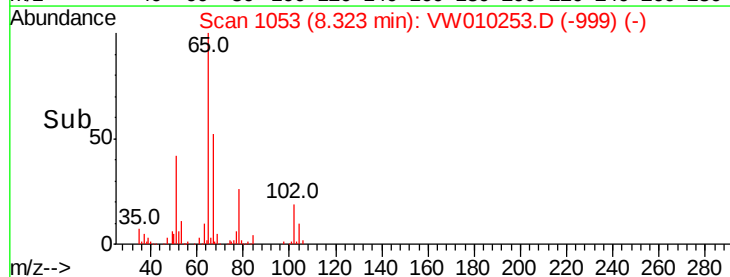
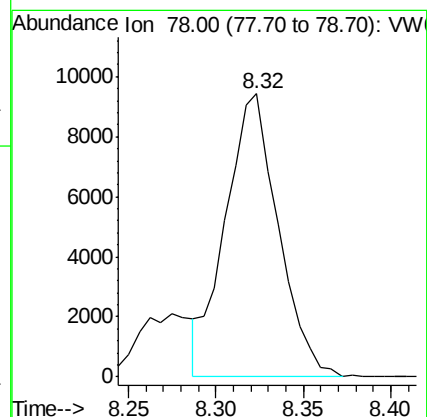
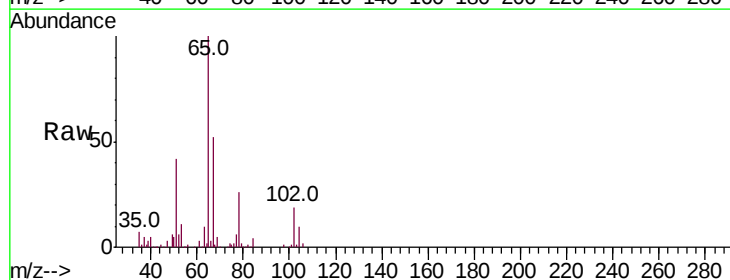
RT: 8.32 min Scan# 1053

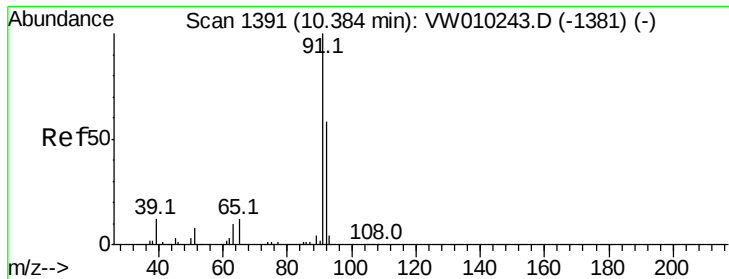
Delta R.T. -0.00 min

Lab File: VW010253.D

Acq: 01 May 2019 19:40

Tgt Ion: 78 Resp: 19780





#44

Toluene

Concen: 5.809 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010253.D

Acq: 01 May 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

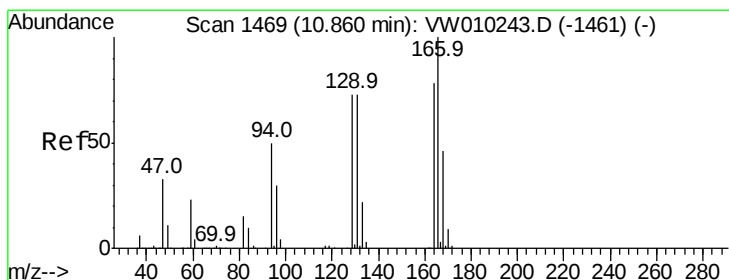
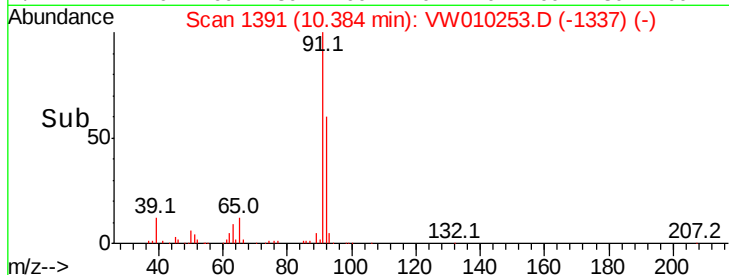
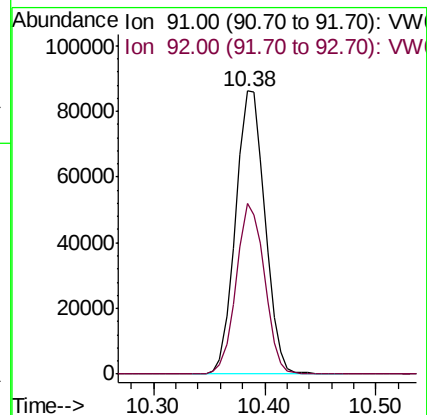
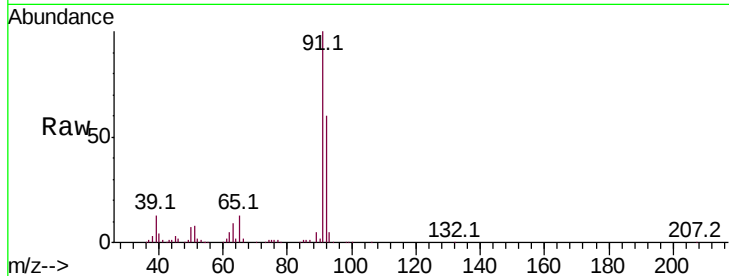
GAJ84

Tot Ion: 91 Resp: 157609

Ion Ratio Lower Upper

91 100

92 60.2 40.4 75.0



#47

Tetrachloroethene

Concen: 1.393 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW010253.D

Acq: 01 May 2019 19:40

Tgt Ion: 164 Resp: 7815

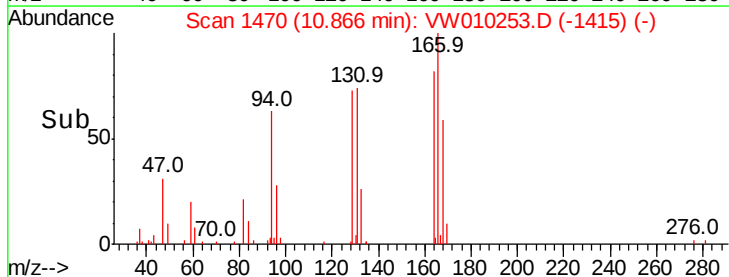
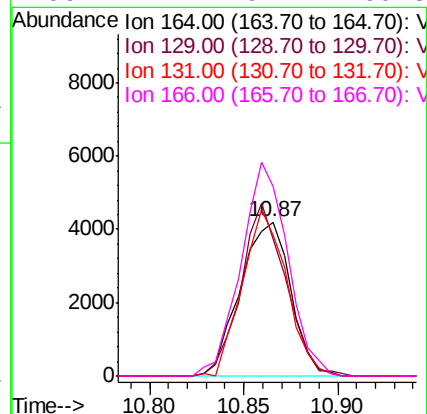
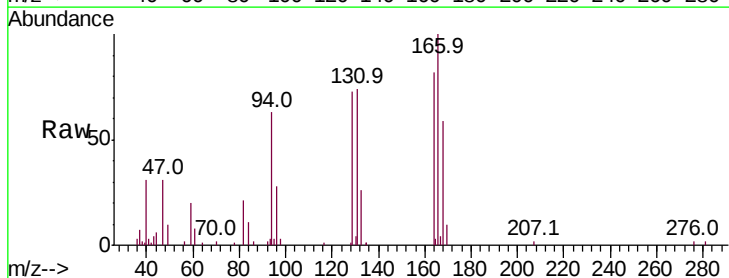
Ion Ratio Lower Upper

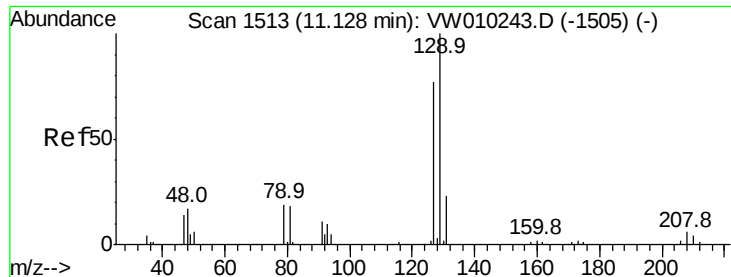
164 100

129 89.1 68.3 126.9

131 91.1 66.8 124.0

166 122.7 91.1 169.3





#50

Dibromochloromethane

Concen: 1.267 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW010253.D

Acq: 01 May 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

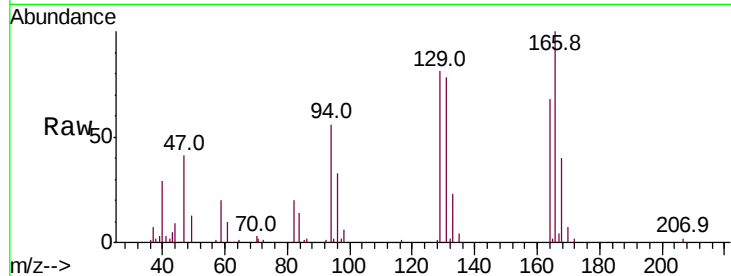
GAJ84

Tot Ion:129 Resp: 7738

Ion Ratio Lower Upper

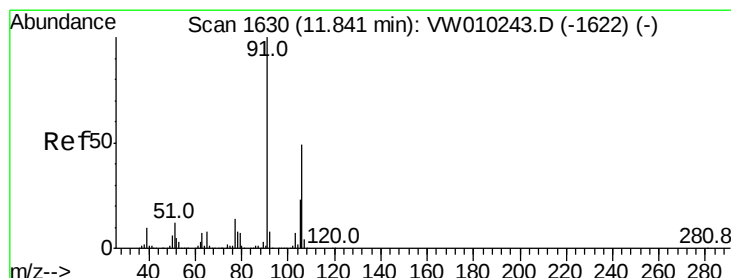
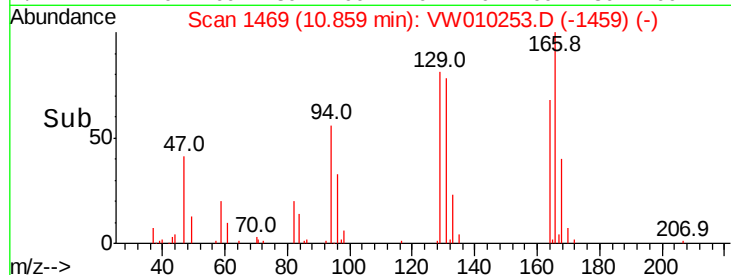
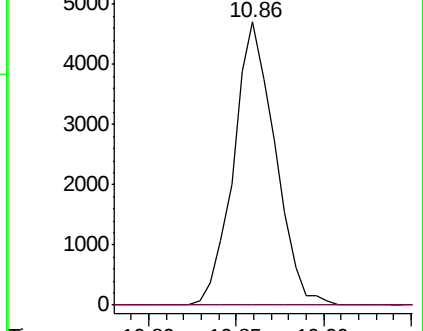
129 100

127 0.0 56.4 104.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

m,p-Xylene

Concen: 1.448 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010253.D

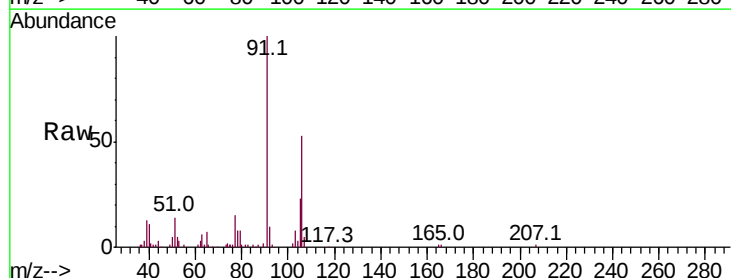
Acq: 01 May 2019 19:40

Tgt Ion:106 Resp: 16742

Ion Ratio Lower Upper

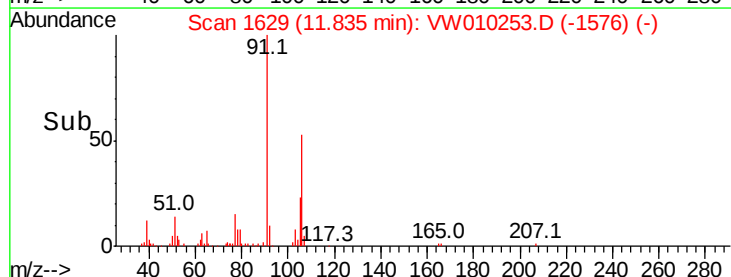
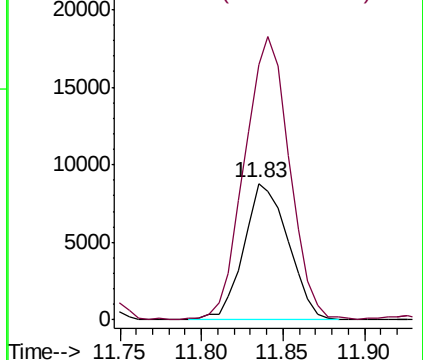
106 100

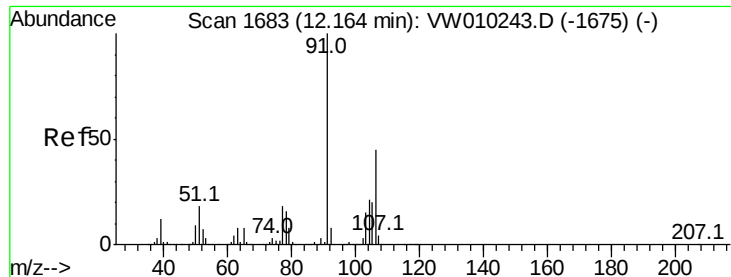
91 187.3 143.8 267.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

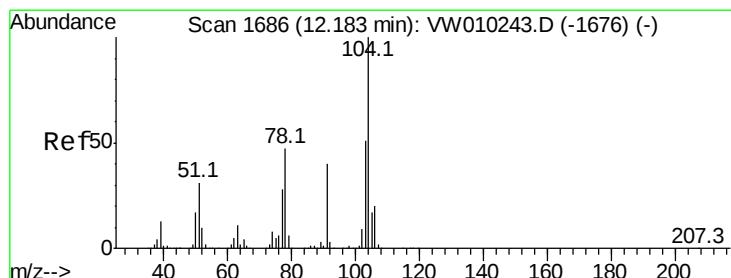
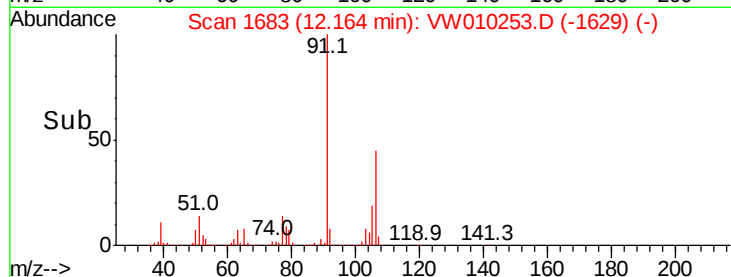
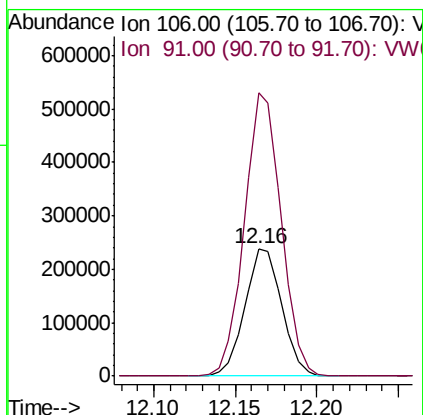
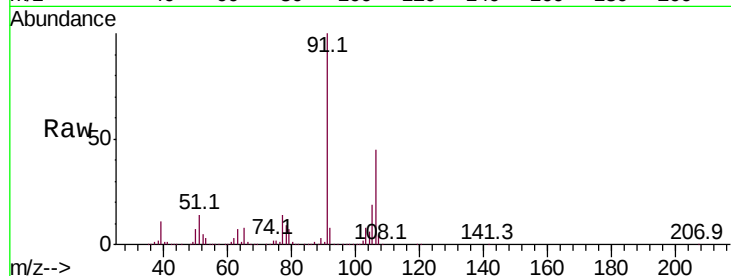




#55
o-xylene
Concen: 34.435 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010253.D
Acq: 01 May 2019 19:40

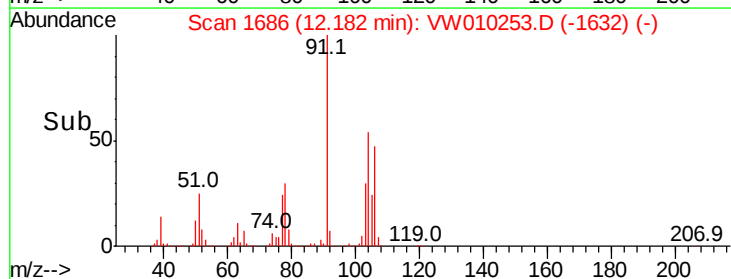
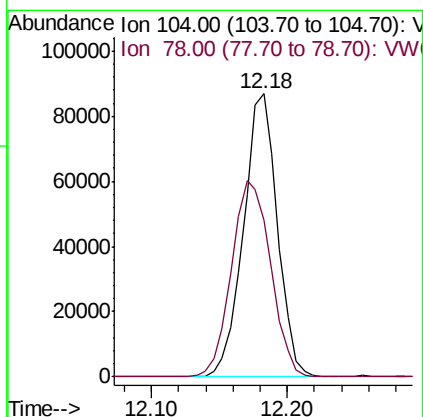
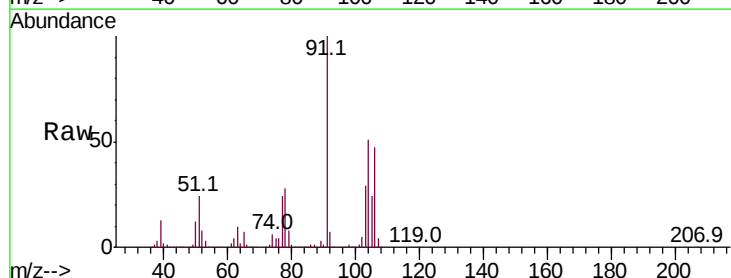
Instrument :
MSVOA_W
ClientSampled :
GAJ84

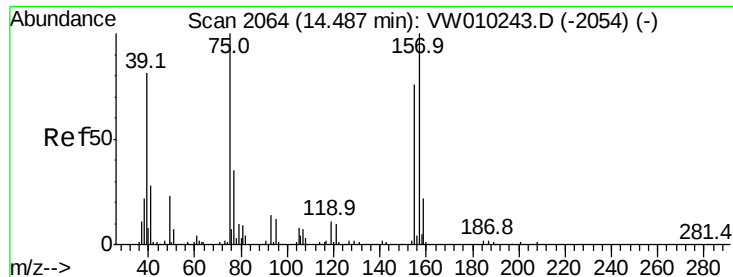
Tot Ion:106 Resp: 376301
Ion Ratio Lower Upper
106 100
91 221.7 156.2 290.2



#56
Styrene
Concen: 8.015 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010253.D
Acq: 01 May 2019 19:40

Tgt Ion:104 Resp: 151685
Ion Ratio Lower Upper
104 100
78 55.4 31.9 59.2





#66

1,2-Dibromo-3-chloropropane

Concen: 15.838 ug/L

RT: 14.47 min Scan# 2061

Delta R.T. -0.02 min

Lab File: VW010253.D

Acq: 01 May 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

GAJ84

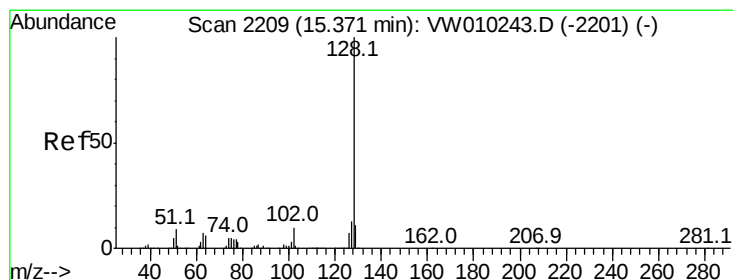
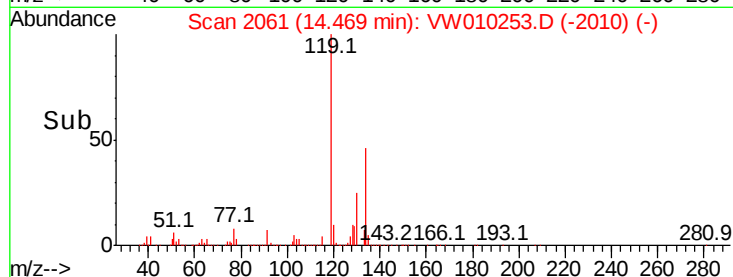
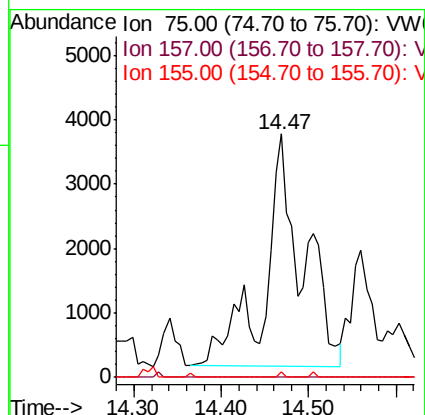
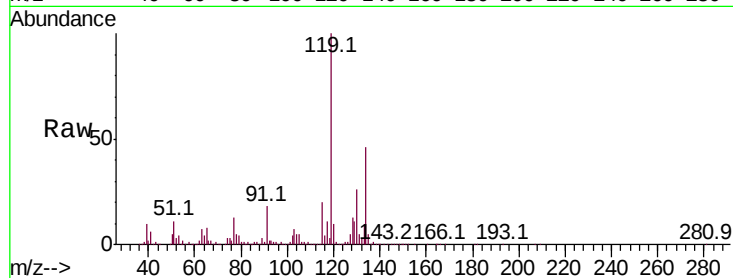
Tot Ion: 75 Resp: 11061

Ion Ratio Lower Upper

75 100

157 0.0 85.7 128.5#

155 2.1 70.8 106.2#



#69

Naphthalene

Concen: 966.058 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010253.D

Acq: 01 May 2019 19:40

Tgt Ion:128 Resp:11006407

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

127 13.7 10.6 15.8

