

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010239.D
 Acq On : 01 May 2019 06:09
 Operator : SY/VA
 Sample : K2604-10
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ84

Manual Integrations
 APPROVED

sam
 5/7/2019 9:20:05 AM

Quant Time: May 02 22:38:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 03:52:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	548162	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	437203	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145781	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97890	15.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.96%
7) Chloroethane-d5	2.89	69	85240	16.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.88%
10) 1,1-Dichloroethene-d2	4.01	63	181960	13.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.64%
20) 2-Butanone-d5	7.07	46	93336	40.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.38%
24) Chloroform-d	7.65	84	335237	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	8.30	65	196130	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.12%
29) Benzene-d6	8.27	84	566279	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.27	67	202214	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	10.32	98	407314	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.12%
38) trans-1,3-Dichloropropene-	10.58	79	70869	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.64%
39) 2-Hexanone-d5	10.93	63	81165	52.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159651	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	110204	20.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	10702	5.904	ug/L	75
16) Methylene chloride	4.90	84	17106m	1.875	ug/L	
34) Benzene	8.32	78	21838	0.890	ug/L	100
44) Toluene	10.38	91	161572	6.153	ug/L	98
47) Tetrachloroethene	10.87	164	8919	1.643	ug/L	88
54) m,p-Xylene	11.84	106	16651	1.488	ug/L	97
55) o-xylene	12.17	106	505983	47.841	ug/L	95
56) Styrene	12.18	104	186749	10.196	ug/L	81

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

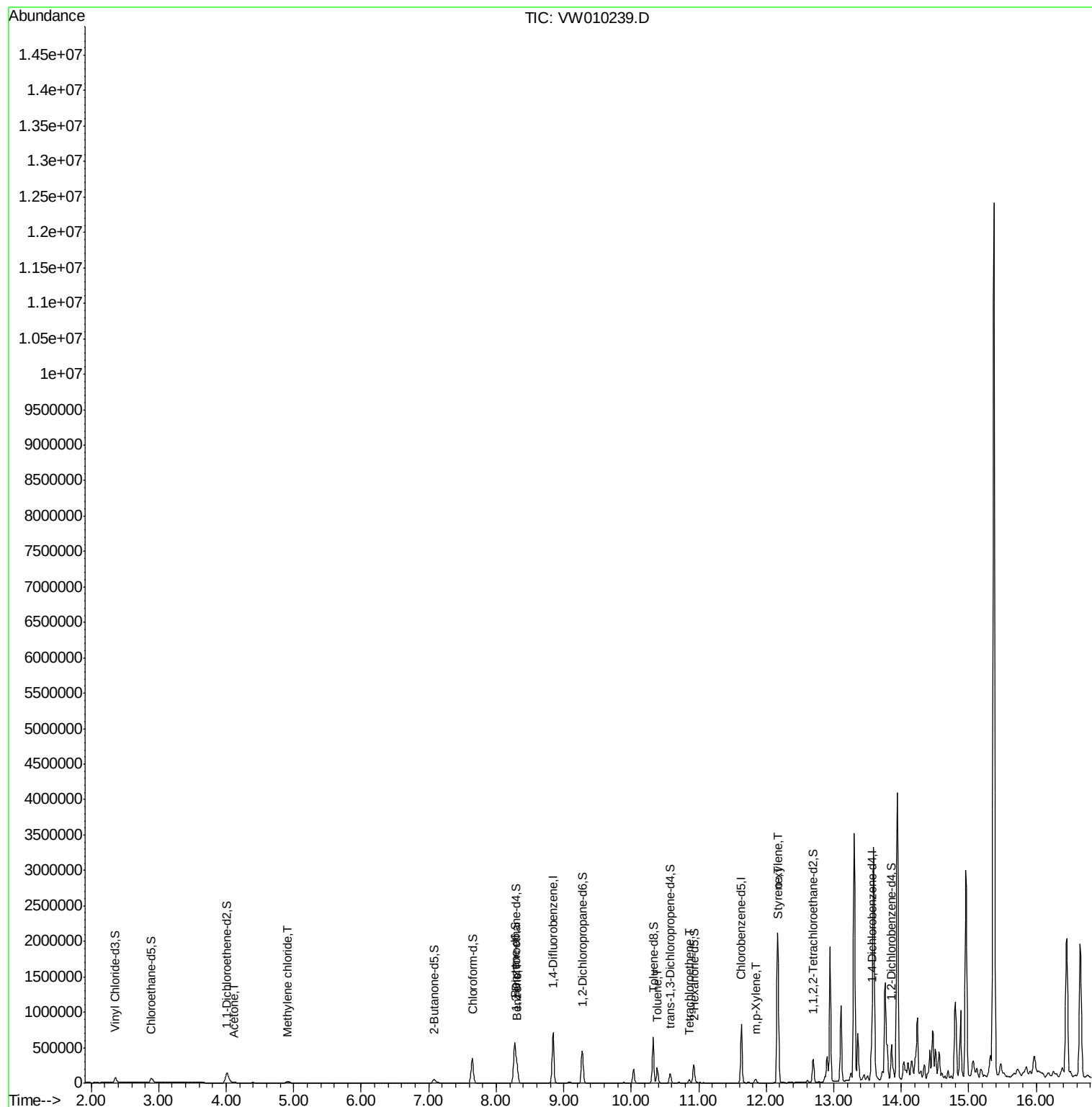
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010239.D
Acq On : 01 May 2019 06:09
Operator : SY/VA
Sample : K2604-10
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ALS Vial : 1 Sample Multiplier: 1

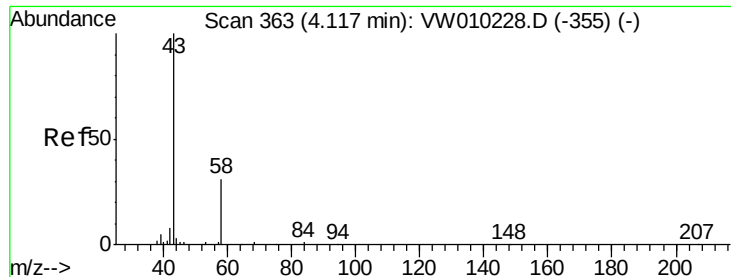
Instrument :
MSVOA_W
ClientSampleId :
GAJ84

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Quant Time: May 02 22:38:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.904 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010239.D

Acq: 01 May 2019 06:09

Instrument :

MSVOA_W

ClientSampled :

GAJ84

Tot Ion: 43 Resp: 10702

Ion Ratio Lower Upper

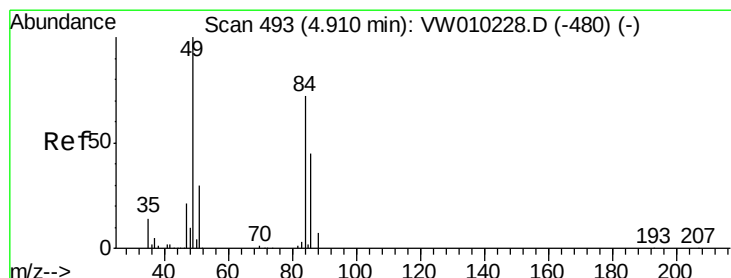
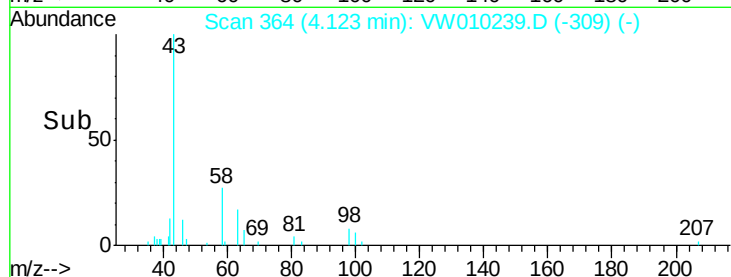
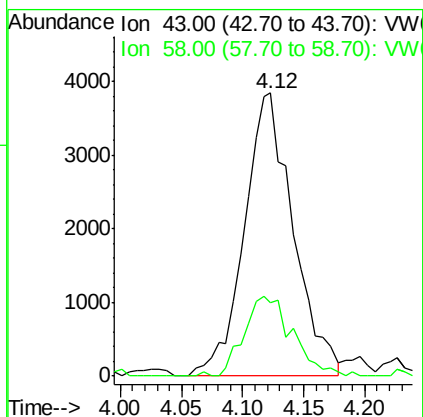
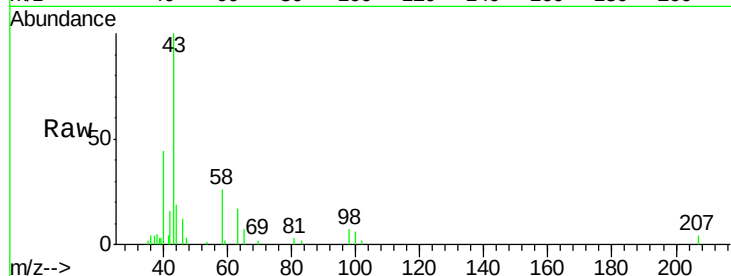
43 100

58 16.3 0.0 59.8

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#16

Methylene chloride

Concen: 1.875 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW010239.D

Acq: 01 May 2019 06:09

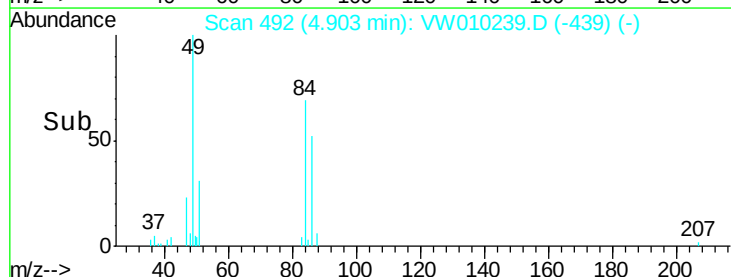
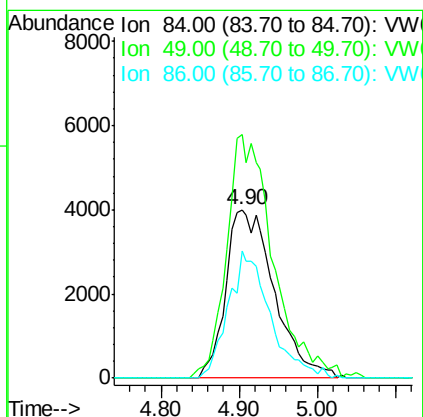
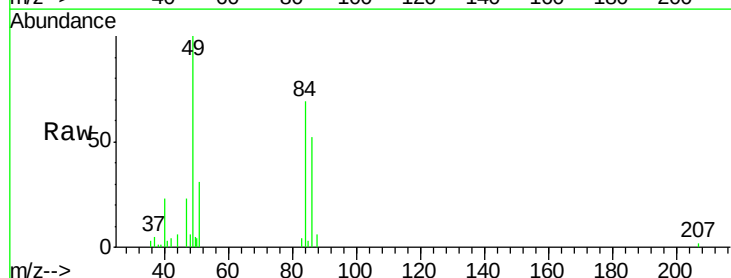
Tgt Ion: 84 Resp: 17106

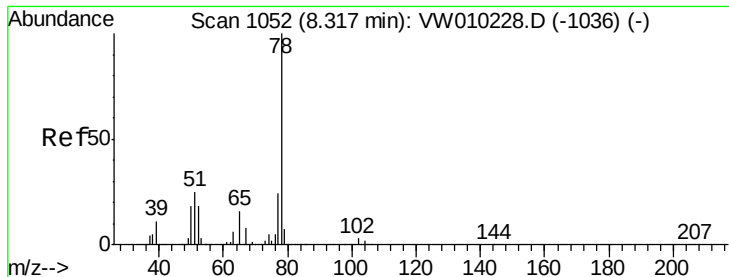
Ion Ratio Lower Upper

84 100

49 144.6 90.2 167.6

86 75.6 46.3 86.1





#34

Benzene

Concen: 0.890 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW010239.D

Acq: 01 May 2019 06:09

Instrument :

MSVOA_W

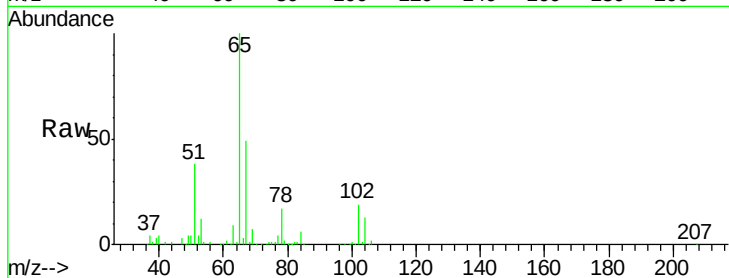
ClientSampled :

GAJ84

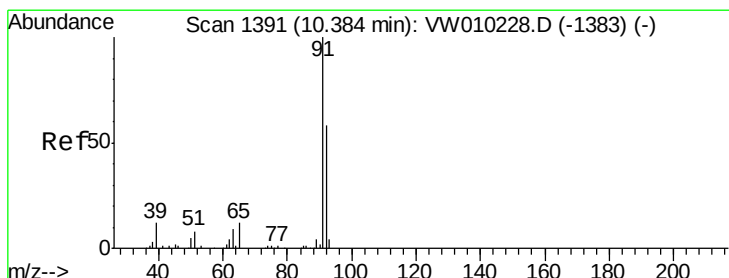
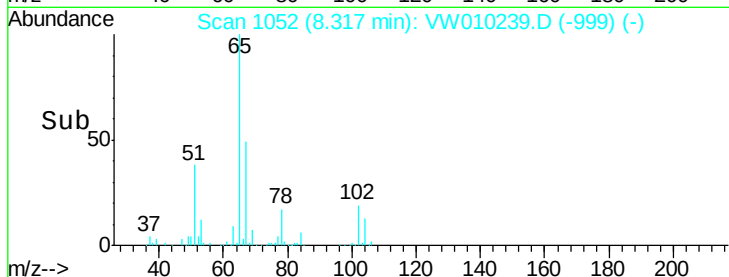
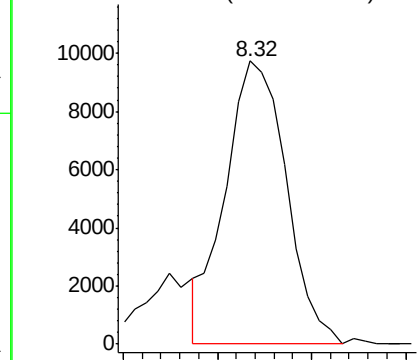
Tgt Ion: 78 Resp: 21838

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Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 6.153 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010239.D

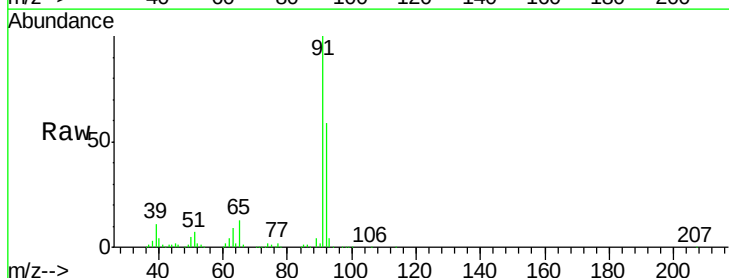
Acq: 01 May 2019 06:09

Tgt Ion: 91 Resp: 161572

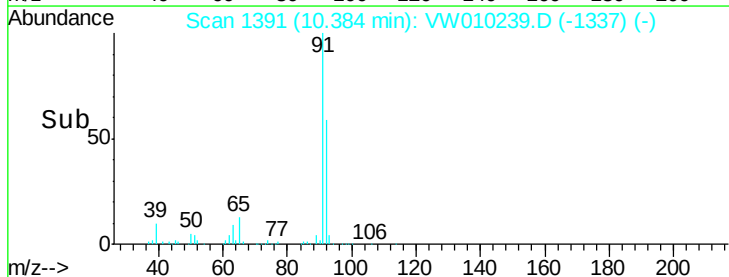
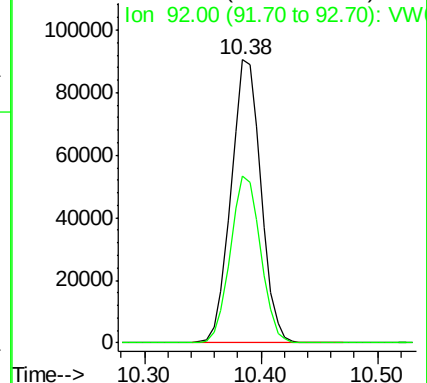
Ion Ratio Lower Upper

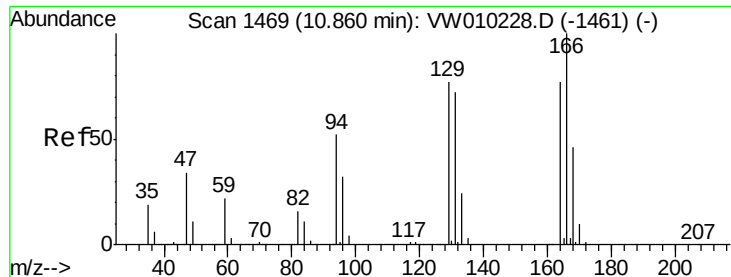
91 100

92 58.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VW





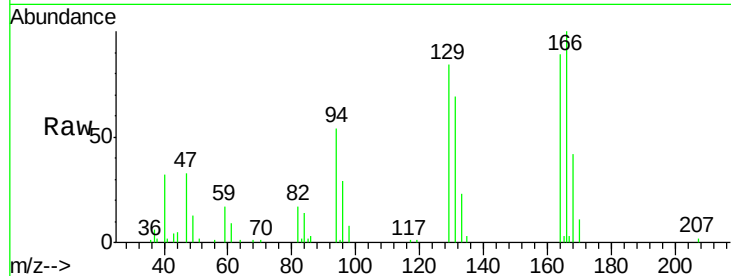
#47
Tetrachloroethene
Concen: 1.643 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010239.D
Acq: 01 May 2019 06:09

Instrument :
MSVOA_W
ClientSampled :
GAJ84

Tot Ion	Ratio	Lower	Upper
164	100		
129	94.7	68.3	126.9
131	77.5	66.8	124.0
166	112.3	91.1	169.3

Manual Integrations
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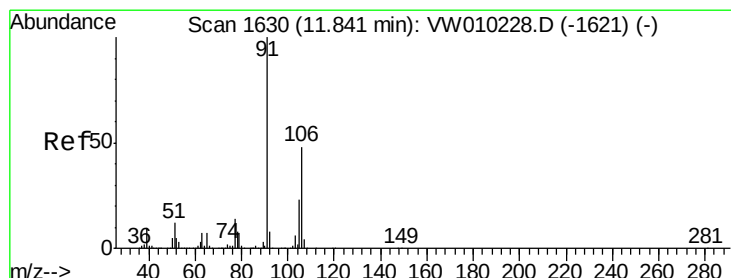
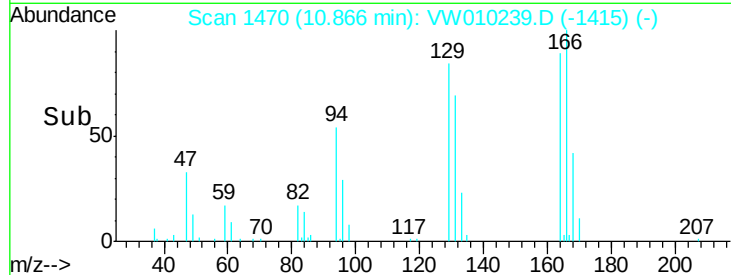
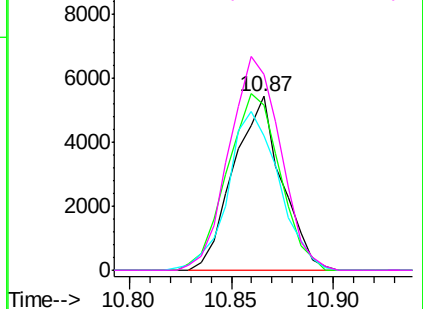
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

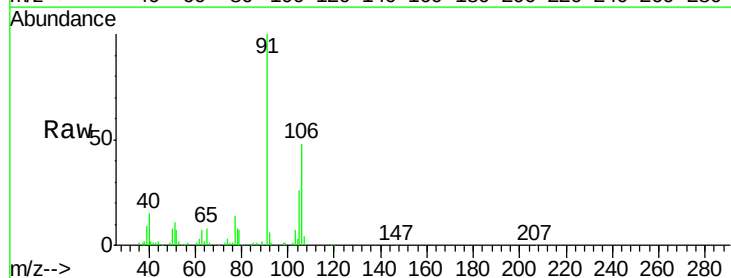
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#54
m,p-Xylene
Concen: 1.488 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010239.D
Acq: 01 May 2019 06:09

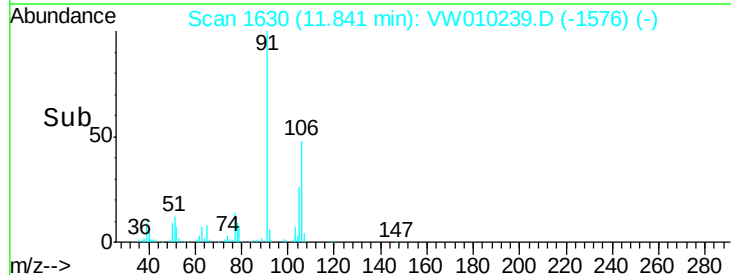
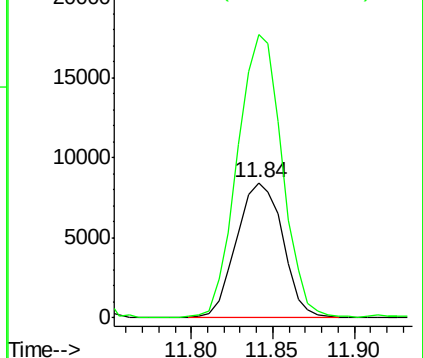
Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.3	143.8	267.0

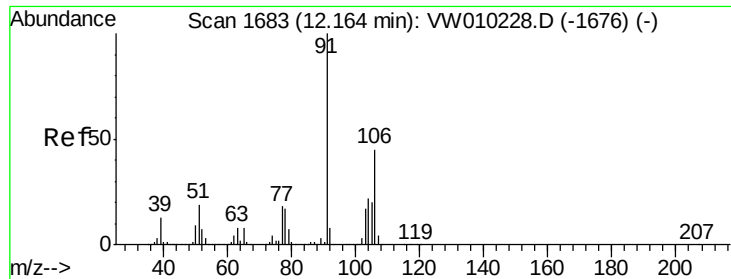


Abundance

Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





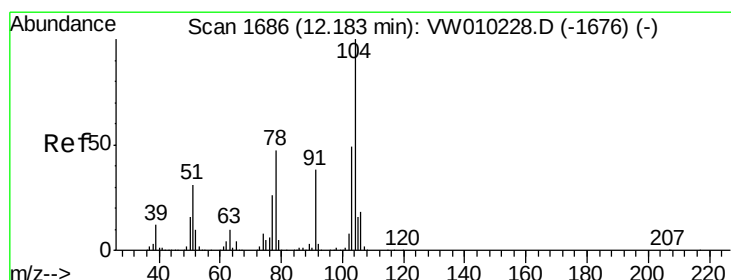
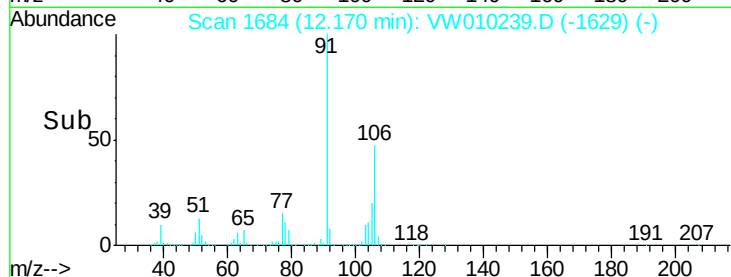
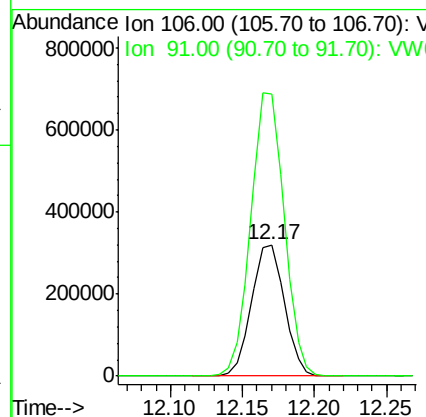
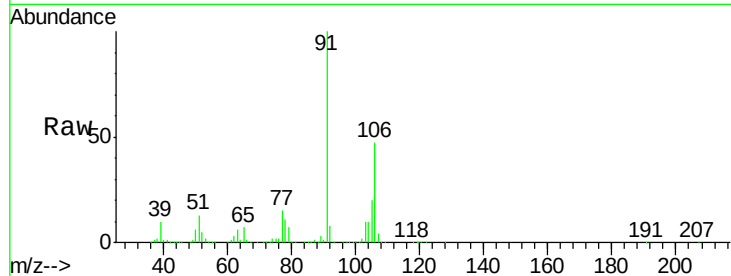
#55
o-xylene
Concen: 47.841 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW010239.D
Acq: 01 May 2019 06:09

Instrument :
MSVOA_W
ClientSampled :
GAJ84

Tot Ion:106 Resp: 505983
Ion Ratio Lower Upper
106 100
91 214.6 156.2 290.2

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#56
Styrene
Concen: 10.196 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010239.D
Acq: 01 May 2019 06:09

Tgt Ion:104 Resp: 186749
Ion Ratio Lower Upper
104 100
78 57.7 31.9 59.2

