

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010194.D
 Acq On : 29 Apr 2019 21:48
 Operator : SY/VA
 Sample : K2606-13MS
 Misc : 6.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 04:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	560633	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	546435	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	268202	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106882	16.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.20%
7) Chloroethane-d5	2.89	69	90287	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.24%
10) 1,1-Dichloroethene-d2	4.03	63	261999	18.53	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.12%
20) 2-Butanone-d5	7.07	46	155969	66.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.98%
24) Chloroform-d	7.65	84	303422	20.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.52%
26) 1,2-Dichloroethane-d4	8.31	65	194245	23.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.08%
29) Benzene-d6	8.27	84	542437	18.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.76%
33) 1,2-Dichloropropane-d6	9.27	67	188371	20.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.96%
37) Toluene-d8	10.32	98	469342	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.16%
38) trans-1,3-Dichloropropene-	10.58	79	87380	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.52%
39) 2-Hexanone-d5	10.93	63	137629	71.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.50%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	231982	29.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	228583	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

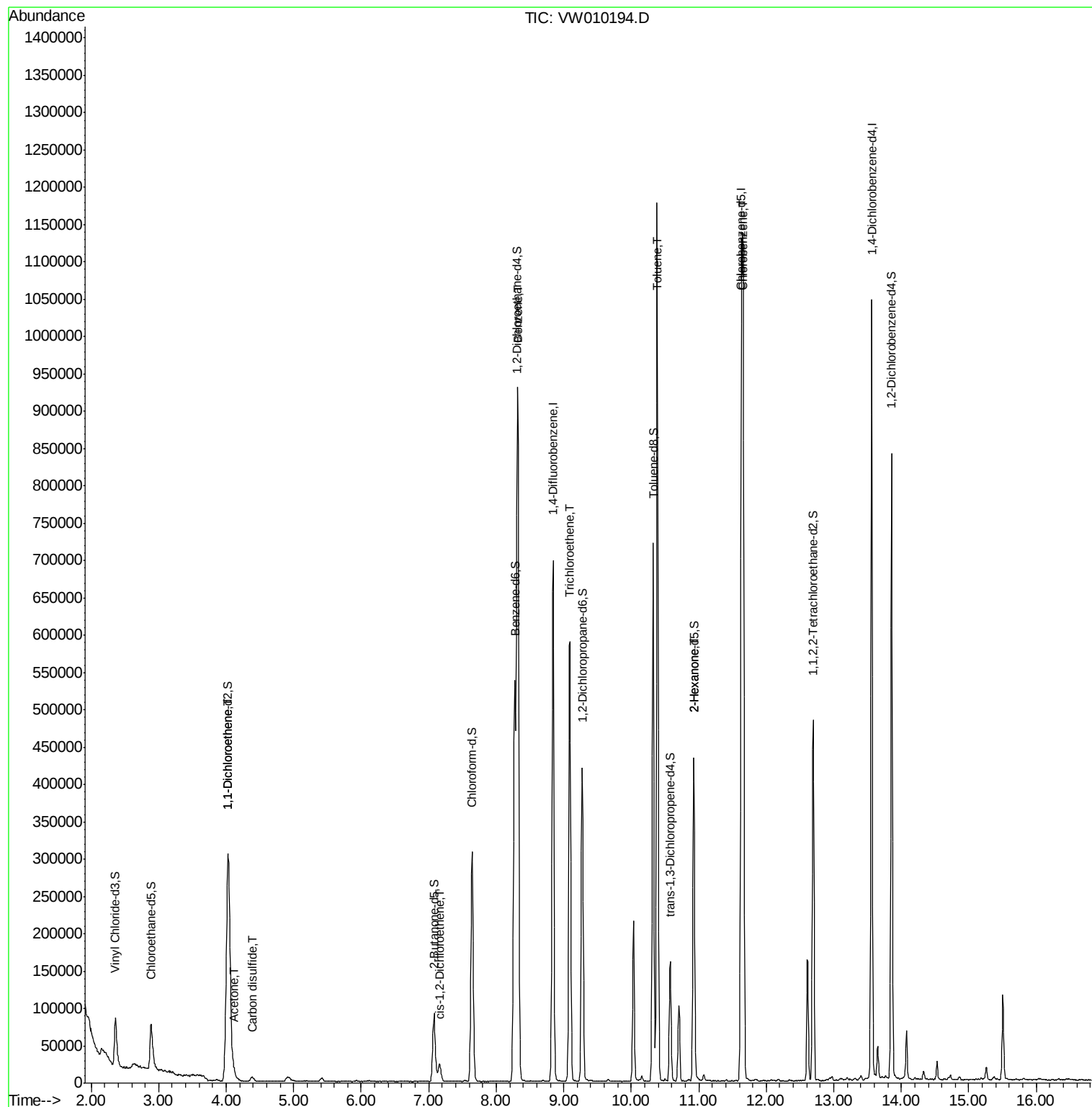
					Ovalue
12) 1,1-Dichloroethene	4.03	96	82898	12.179 ug/L	92
13) Acetone	4.12	43	9135	4.928 ug/L	98
14) Carbon disulfide	4.38	76	11092	0.566 ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	10765	1.384 ug/L	97
34) Benzene	8.32	78	789479	25.747 ug/L	100
35) Trichloroethene	9.09	95	201702	24.670 ug/L	100
44) Toluene	10.38	91	851500	25.946 ug/L	99
49) 2-Hexanone	10.93	43	18581	4.635 ug/L #	71
52) Chlorobenzene	11.66	112	567899	26.416 ug/L	99

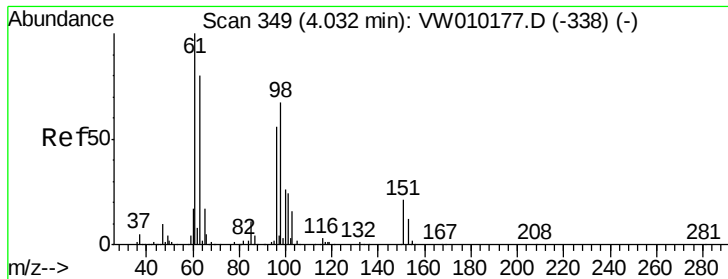
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 12.179 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW010194.D

Acq: 29 Apr 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

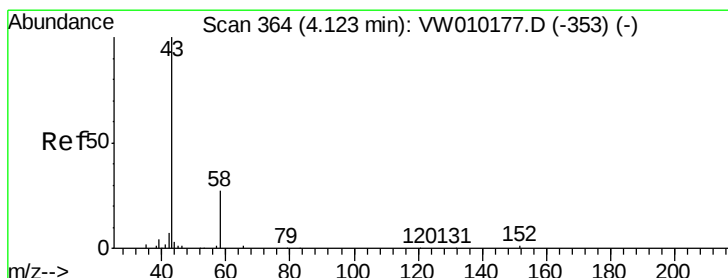
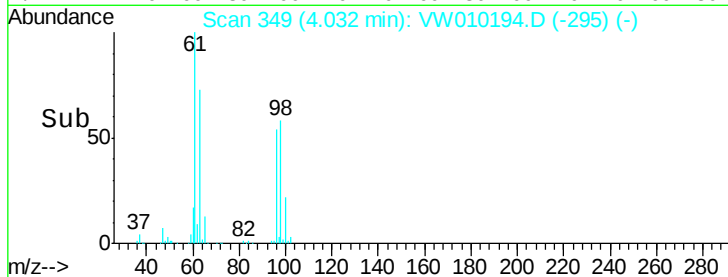
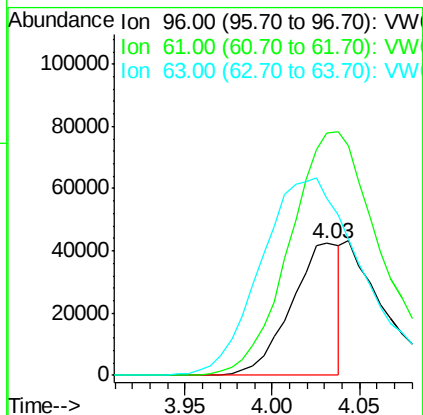
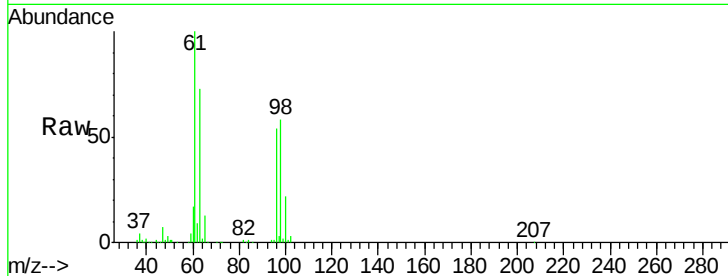
Tot Ion: 96 Resp: 82898

Ion Ratio Lower Upper

96 100

61 183.5 125.2 232.6

63 134.6 106.3 197.3



#13

Acetone

Concen: 4.928 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010194.D

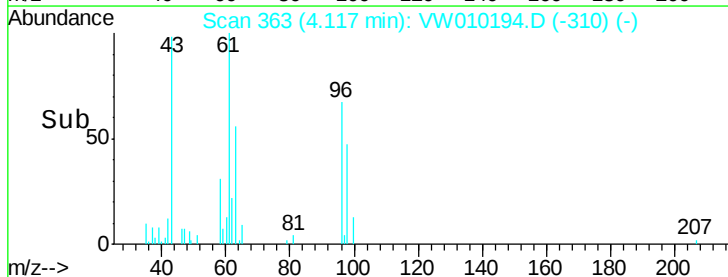
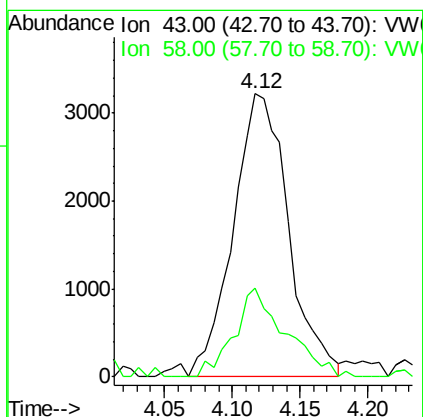
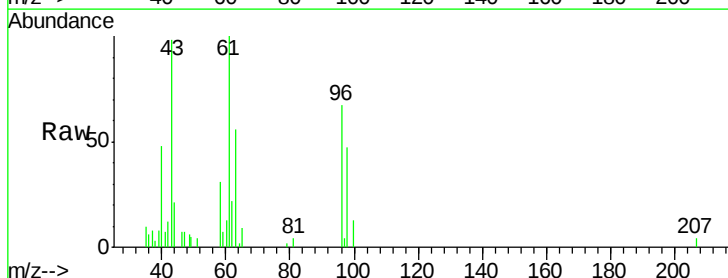
Acq: 29 Apr 2019 21:48

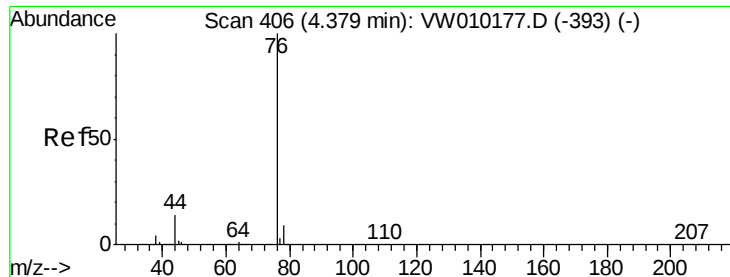
Tgt Ion: 43 Resp: 9135

Ion Ratio Lower Upper

43 100

58 28.9 0.0 59.8





#14

Carbon disulfide

Concen: 0.566 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW010194.D

Acq: 29 Apr 2019 21:48

Instrument :

MSVOA_W

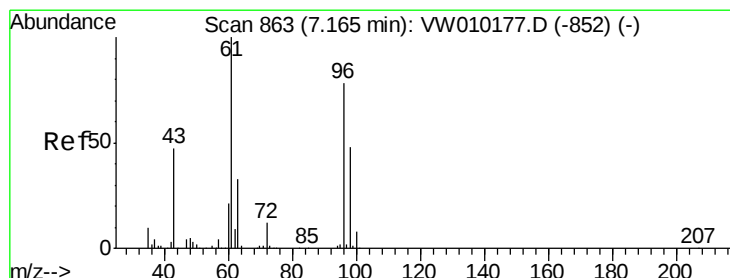
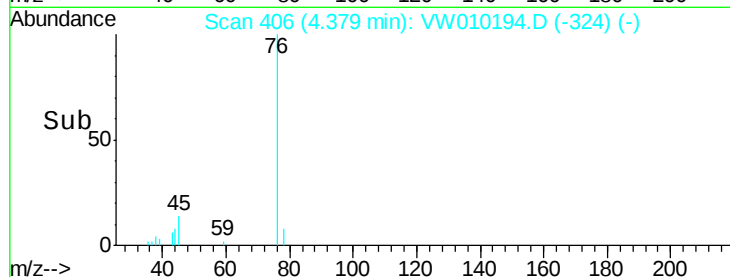
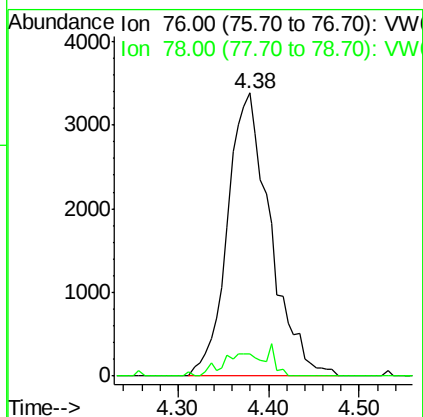
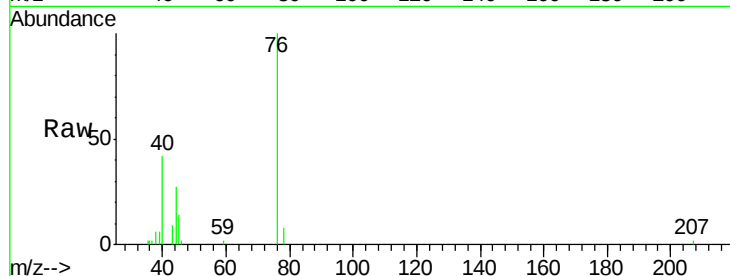
ClientSampleId :

Tot Ion: 76 Resp: 11092

Ion Ratio Lower Upper

76 100

78 7.7 7.3 10.9



#22

cis-1,2-Dichloroethene

Concen: 1.384 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010194.D

Acq: 29 Apr 2019 21:48

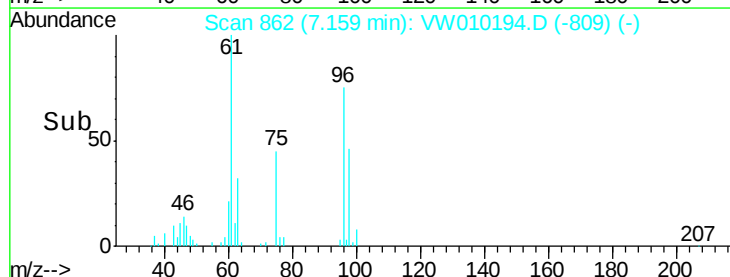
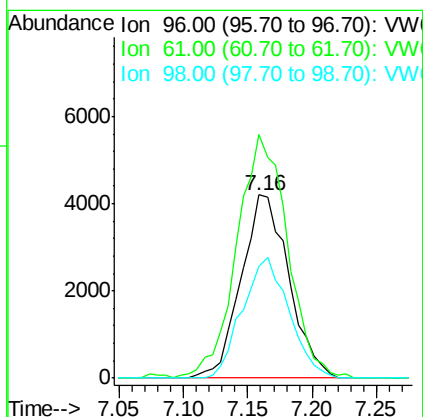
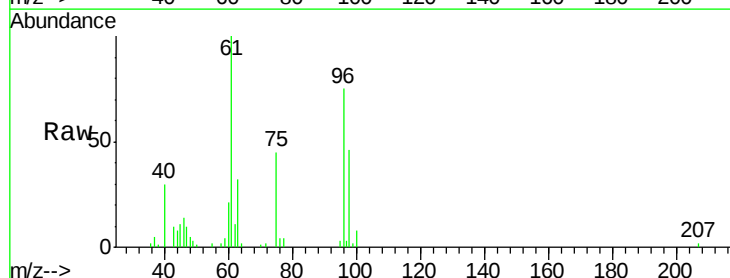
Tgt Ion: 96 Resp: 10765

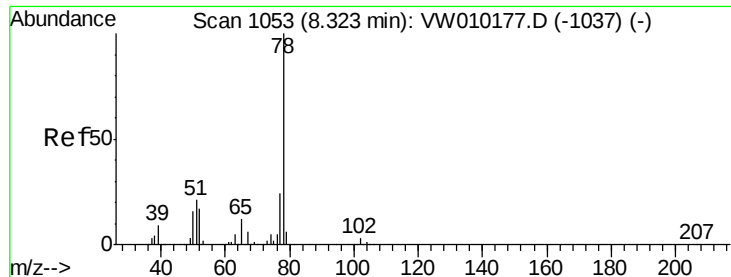
Ion Ratio Lower Upper

96 100

61 133.1 90.0 167.2

98 61.0 42.8 79.6





#34

Benzene

Concen: 25.747 ug/L

RT: 8.32 min Scan# 1052

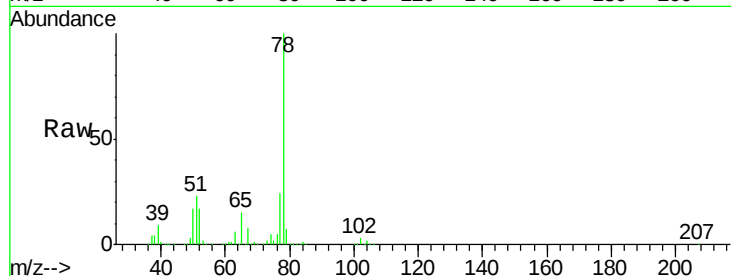
Delta R.T. -0.01 min

Lab File: VW010194.D

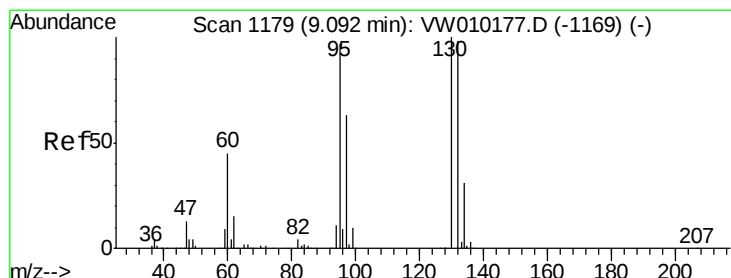
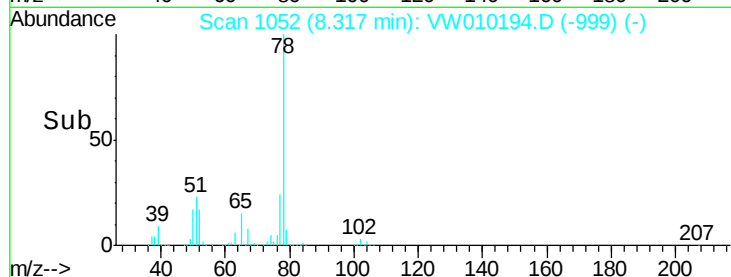
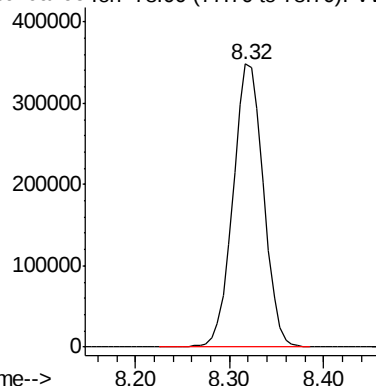
Acq: 29 Apr 2019 21:48

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 789479



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.670 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW010194.D

Acq: 29 Apr 2019 21:48

Tgt Ion: 95 Resp: 201702

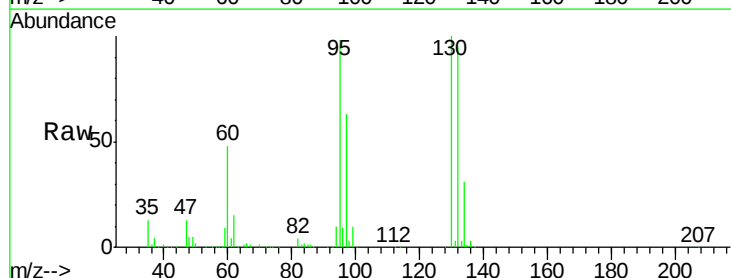
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.4	84.2
132	98.4	69.2	128.6
130	103.1	72.2	134.2

Abundance Ion 95.00 (94.70 to 95.70): VW

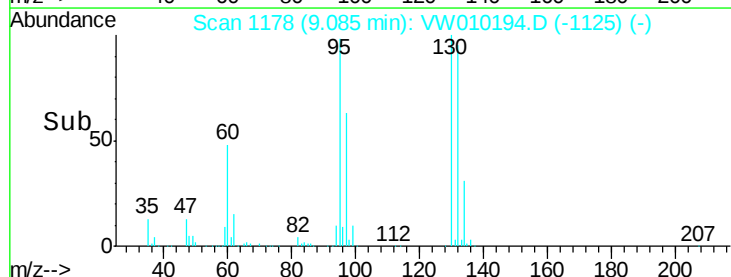
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

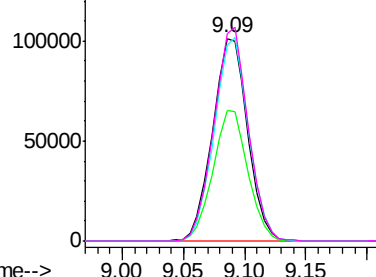
Ion 130.00 (129.70 to 130.70): V

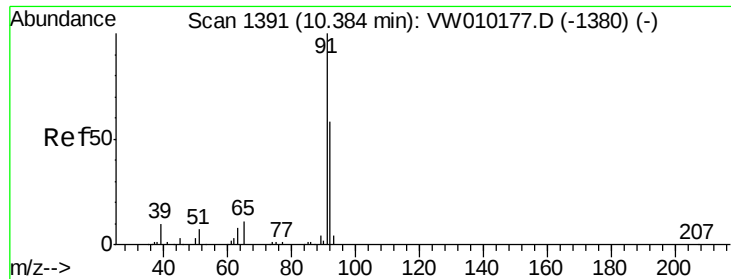


Abundance Scan 1178 (9.085 min): VW010194.D (-1125) (-)



Time-->





#44

Toluene

Concen: 25.946 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010194.D

Acq: 29 Apr 2019 21:48

Instrument :

MSVOA_W

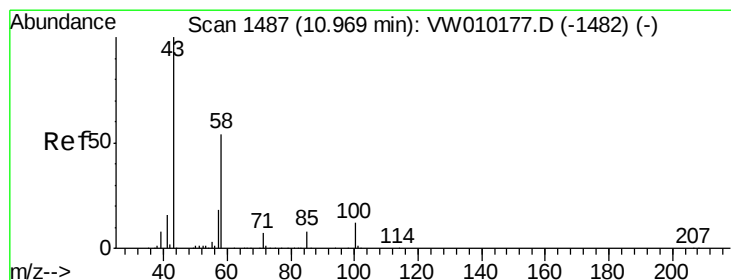
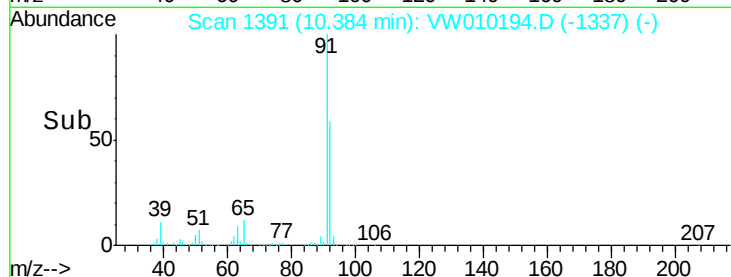
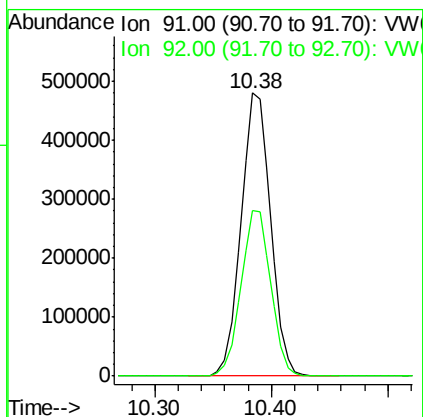
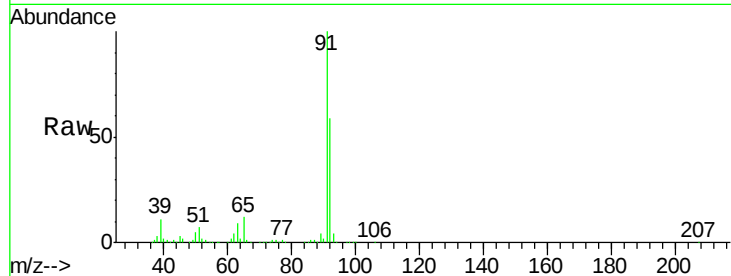
ClientSampled :

Tot Ion: 91 Resp: 851500

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



#49

2-Hexanone

Concen: 4.635 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010194.D

Acq: 29 Apr 2019 21:48

Tgt Ion: 43 Resp: 18581

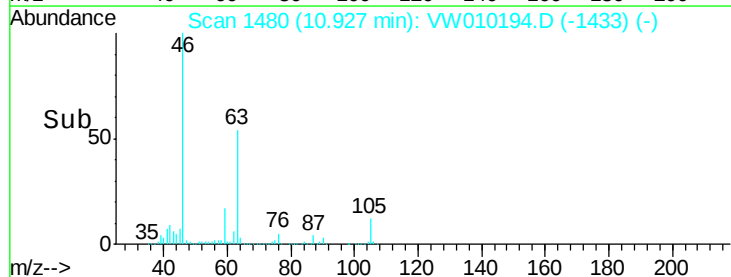
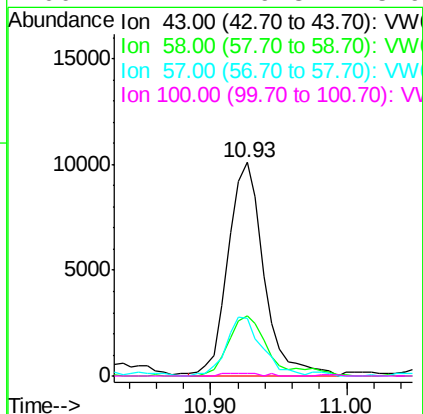
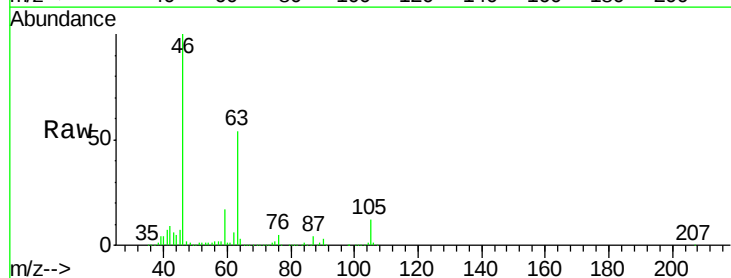
Ion Ratio Lower Upper

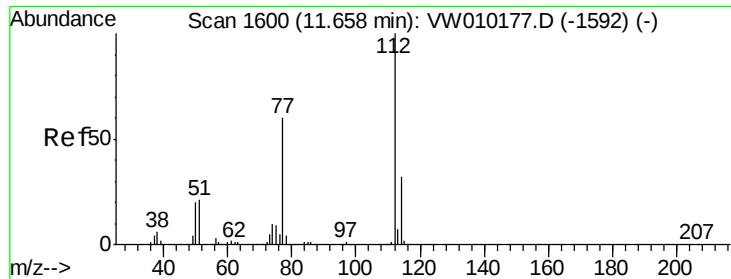
43 100

58 28.4 41.4 62.2#

57 27.4 14.8 22.2#

100 1.2 9.3 13.9#





#52
 Chlorobenzene
 Concen: 26.416 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW010194.D
 Acq: 29 Apr 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
77	59.5	48.2	72.2
114	32.3	22.2	41.2

