

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010195.D
 Acq On : 29 Apr 2019 22:16
 Operator : SY/VA
 Sample : K2606-14MSD
 Misc : 6.25G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5146MSD

Quant Time: May 02 13:21:32 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	582618	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	570684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	266226	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104589	15.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.28%
7) Chloroethane-d5	2.89	69	91355	16.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.44%
10) 1,1-Dichloroethene-d2	4.02	63	266423	18.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.52%
20) 2-Butanone-d5	7.07	46	168249	69.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.04%#
24) Chloroform-d	7.65	84	319449	21.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	8.31	65	207122	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.52%
29) Benzene-d6	8.27	84	559951	18.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.88%
33) 1,2-Dichloropropane-d6	9.27	67	198686	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.80%
37) Toluene-d8	10.32	98	489321	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.04%
38) trans-1,3-Dichloropropene-	10.58	79	90279	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.64%
39) 2-Hexanone-d5	10.93	63	146829	72.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.56%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	244714	29.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	229208	23.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.72%

Target Compounds

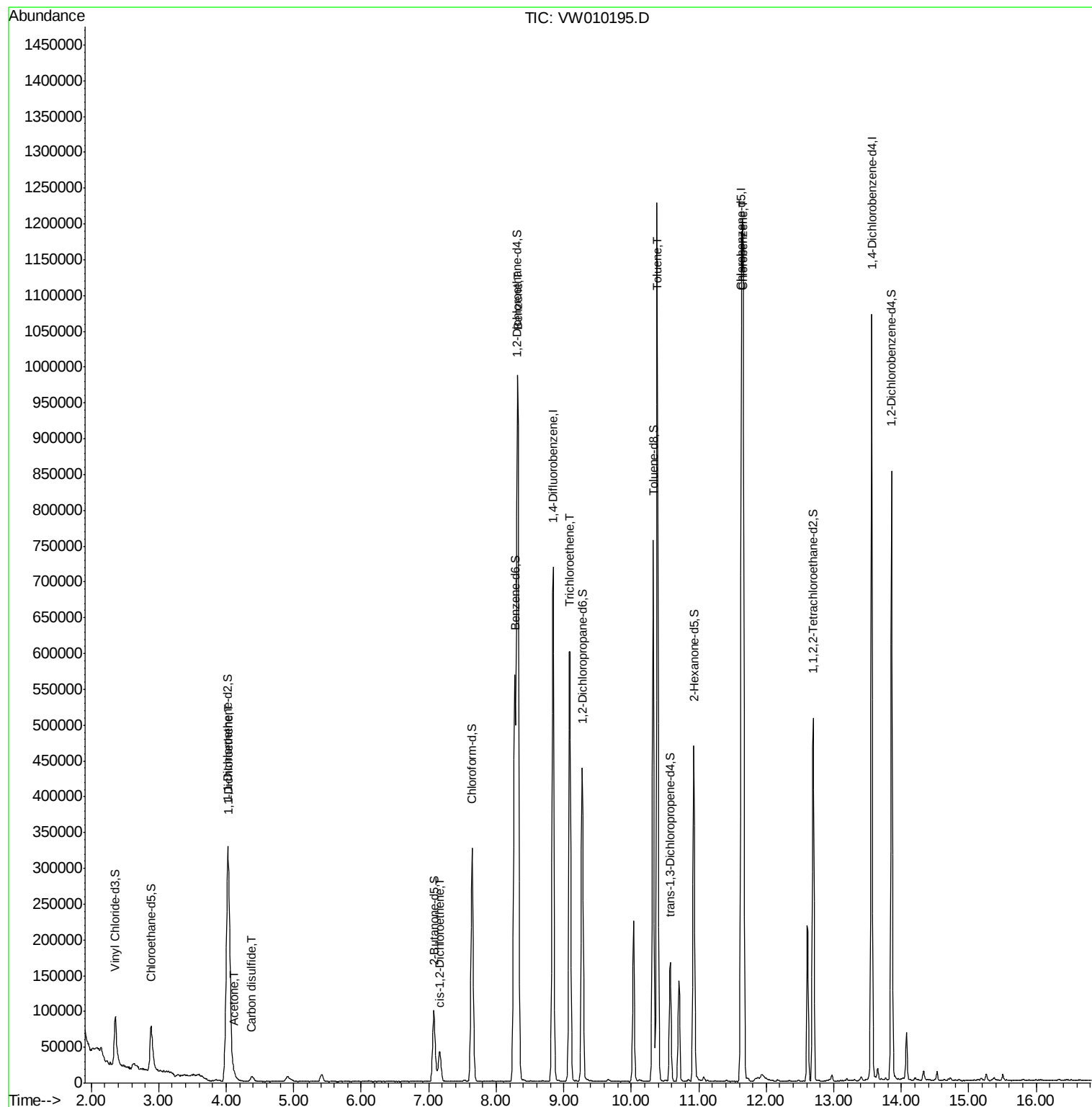
					Ovalue
12) 1,1-Dichloroethene	4.04	96	160323	22.665 ug/L	86
13) Acetone	4.12	43	6553	3.401 ug/L	93
14) Carbon disulfide	4.37	76	11898	0.584 ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	22265	2.755 ug/L	95
34) Benzene	8.32	78	831425	25.962 ug/L	100
35) Trichloroethene	9.09	95	212277	24.860 ug/L	99
44) Toluene	10.39	91	884273	25.800 ug/L	99
52) Chlorobenzene	11.66	112	591762	26.357 ug/L	100

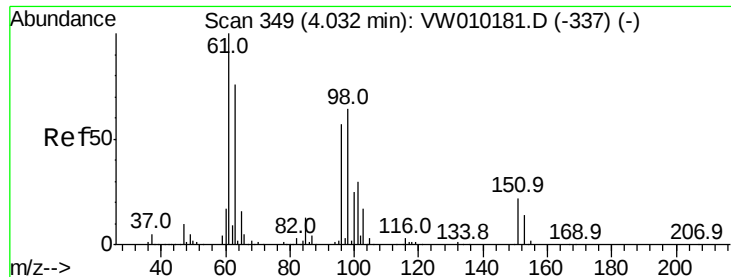
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 29 15:05:07 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.665 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW010195.D

Acq: 29 Apr 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

A5146MSD

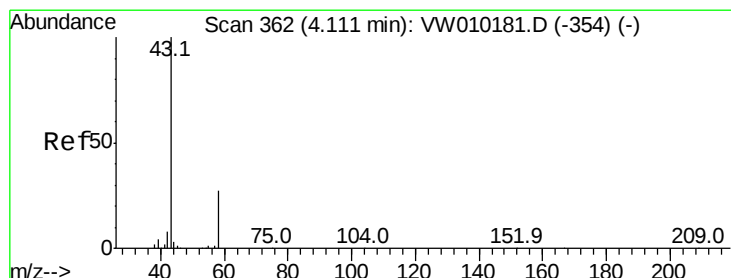
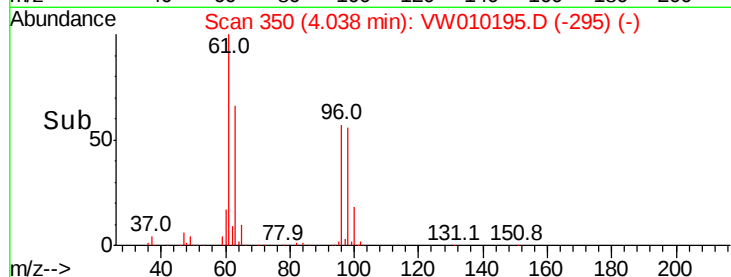
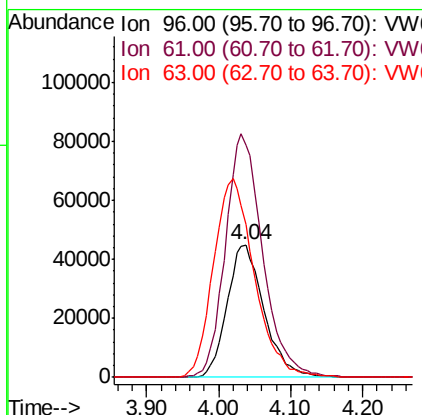
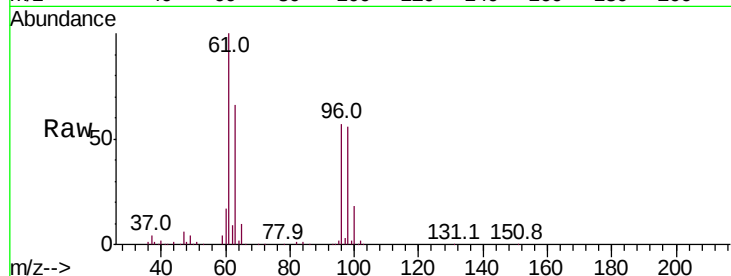
Tot Ion: 96 Resp: 160323

Ion Ratio Lower Upper

96 100

61 175.3 125.2 232.6

63 115.5 106.3 197.3



#13

Acetone

Concen: 3.401 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010195.D

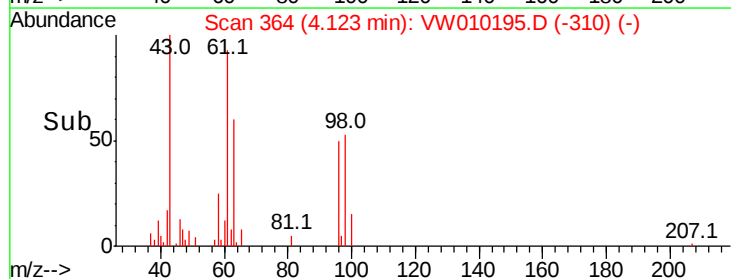
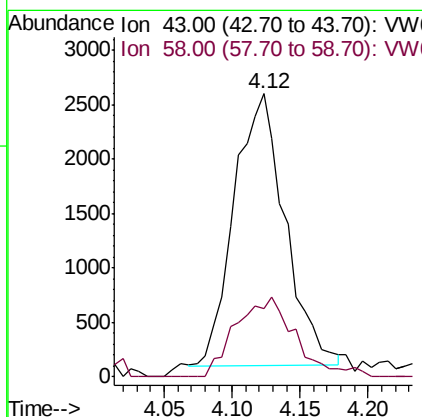
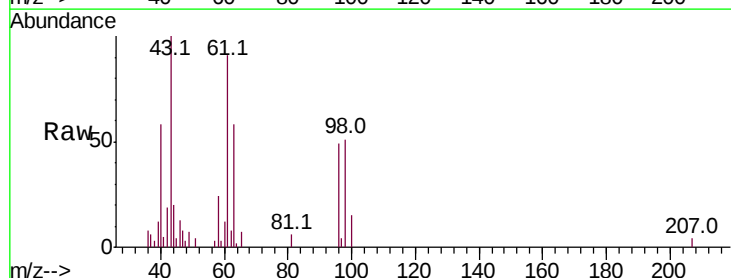
Acq: 29 Apr 2019 22:16

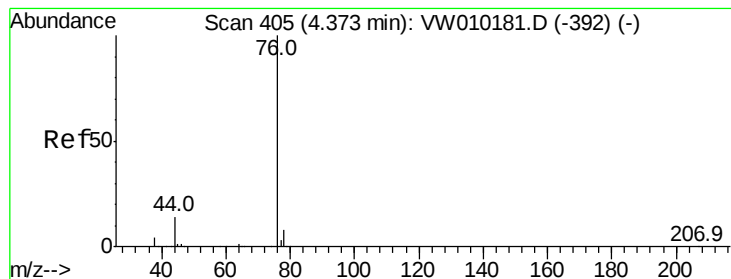
Tgt Ion: 43 Resp: 6553

Ion Ratio Lower Upper

43 100

58 33.6 0.0 59.8





#14

Carbon disulfide

Concen: 0.584 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW010195.D

Acq: 29 Apr 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

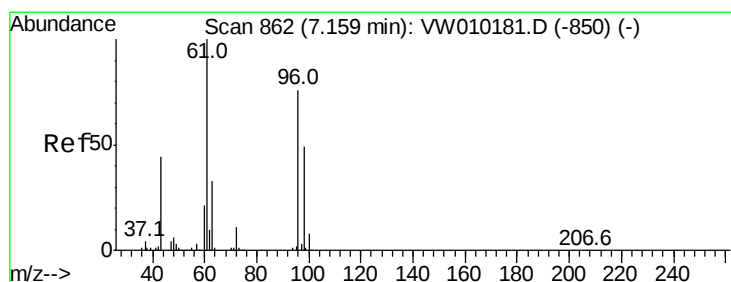
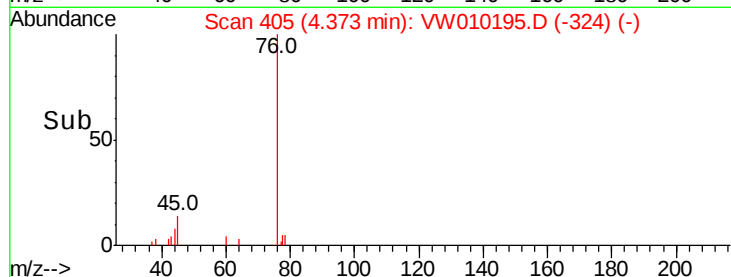
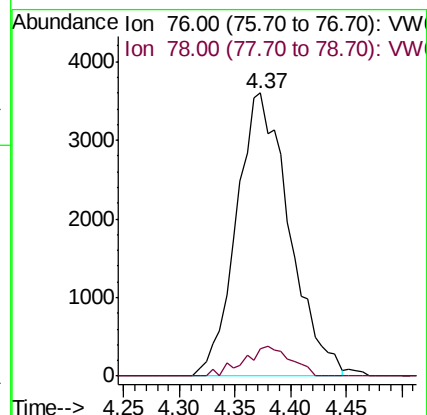
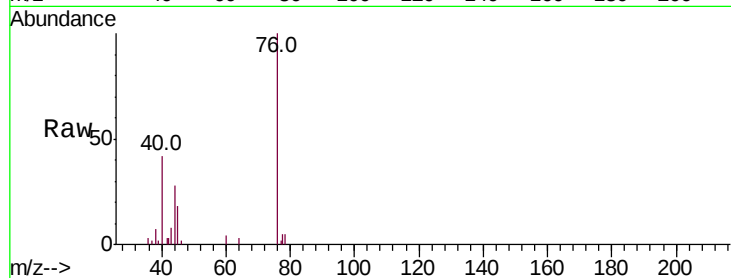
A5146MSD

Tot Ion: 76 Resp: 11898

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#22

cis-1,2-Dichloroethene

Concen: 2.755 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010195.D

Acq: 29 Apr 2019 22:16

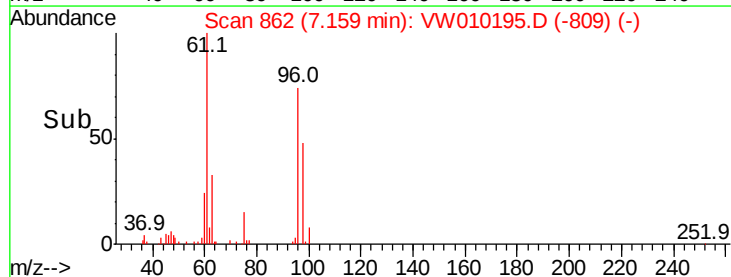
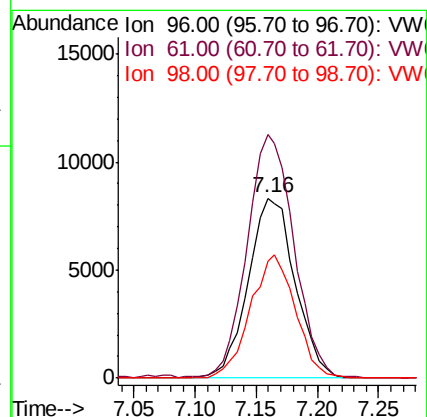
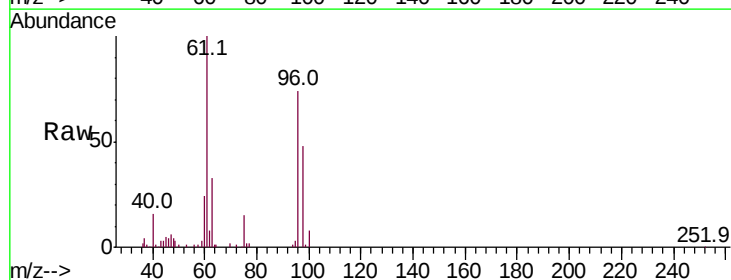
Tgt Ion: 96 Resp: 22265

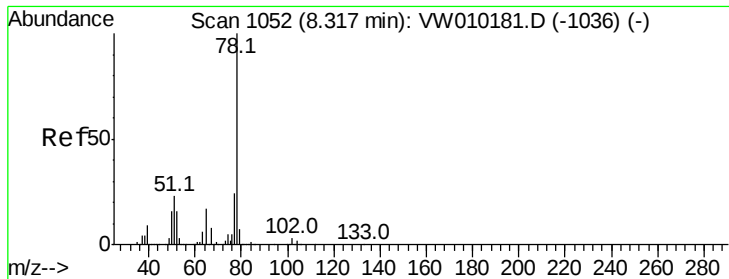
Ion Ratio Lower Upper

96 100

61 135.1 90.0 167.2

98 64.9 42.8 79.6





#34

Benzene

Concen: 25.962 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010195.D

Acq: 29 Apr 2019 22:16

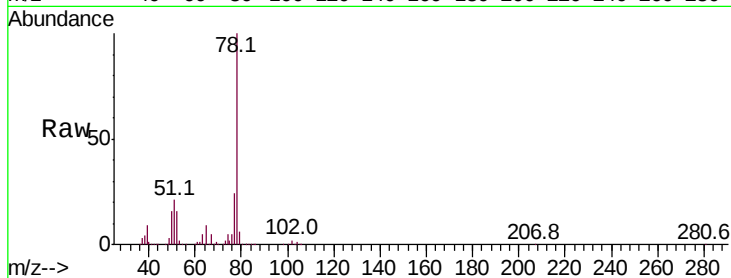
Instrument :

MSVOA_W

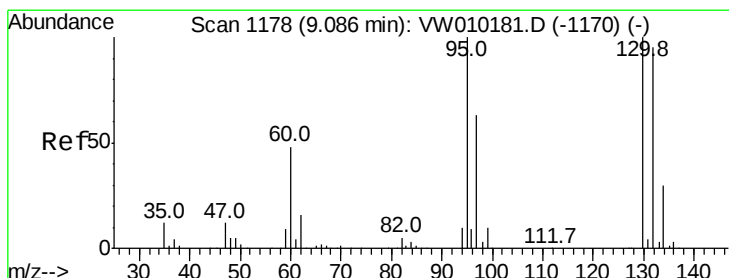
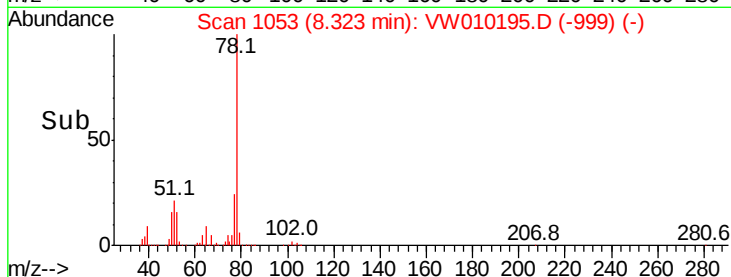
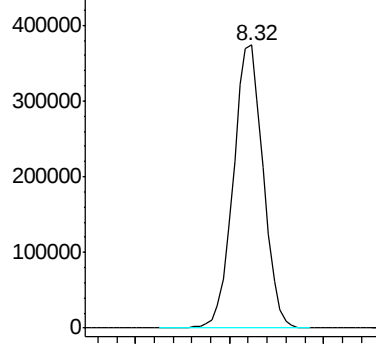
ClientSampleId :

A5146MSD

Tgt Ion: 78 Resp: 831425



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.860 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010195.D

Acq: 29 Apr 2019 22:16

Tgt Ion: 95 Resp: 212277

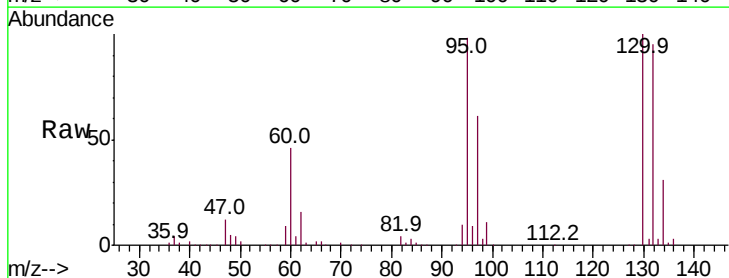
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.4	84.2
132	98.4	69.2	128.6
130	100.9	72.2	134.2

95 100

97 65.0 45.4 84.2

132 98.4 69.2 128.6

130 100.9 72.2 134.2

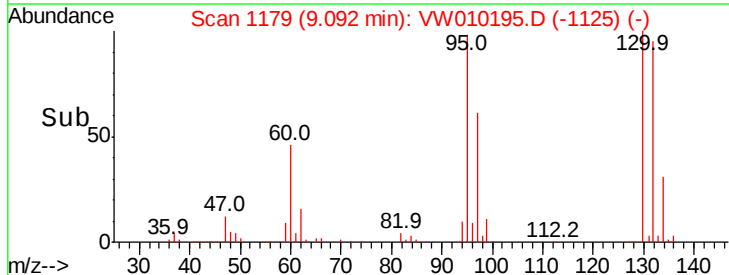
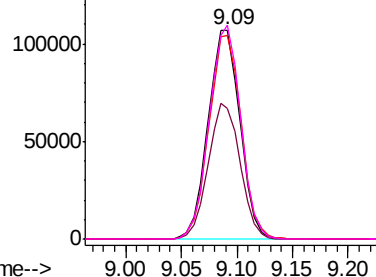


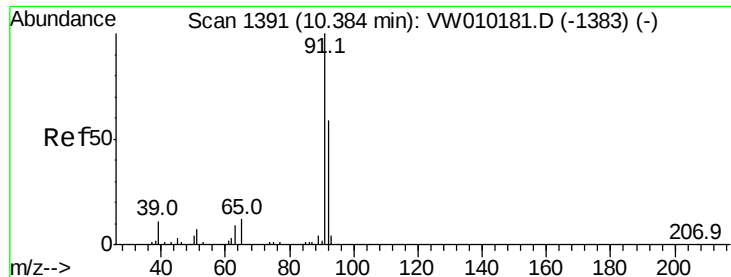
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 25.800 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW010195.D

Acq: 29 Apr 2019 22:16

Instrument :

MSVOA_W

ClientSampled :

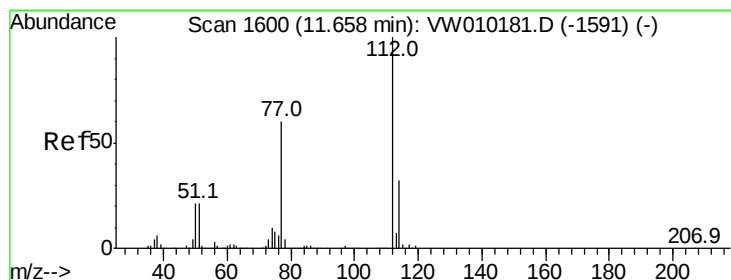
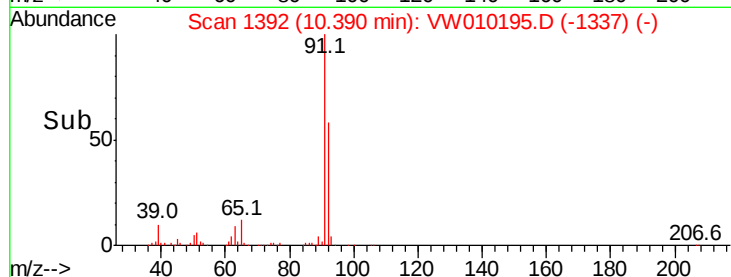
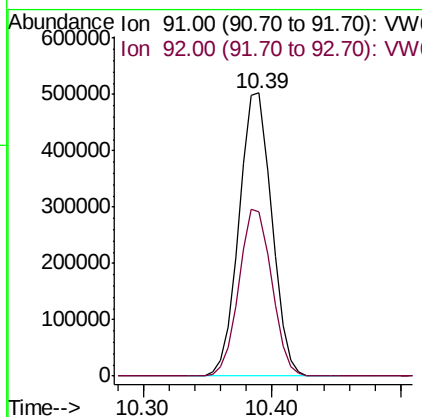
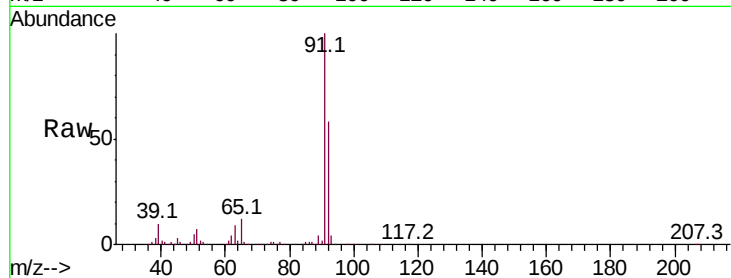
A5146MSD

Tot Ion: 91 Resp: 884273

Ion Ratio Lower Upper

91 100

92 58.2 40.4 75.0



#52

Chlorobenzene

Concen: 26.357 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010195.D

Acq: 29 Apr 2019 22:16

Tgt Ion: 112 Resp: 591762

Ion Ratio Lower Upper

112 100

77 60.5 48.2 72.2

114 31.9 22.2 41.2

