

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 :

Quant Time: Apr 30 04:36:02 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

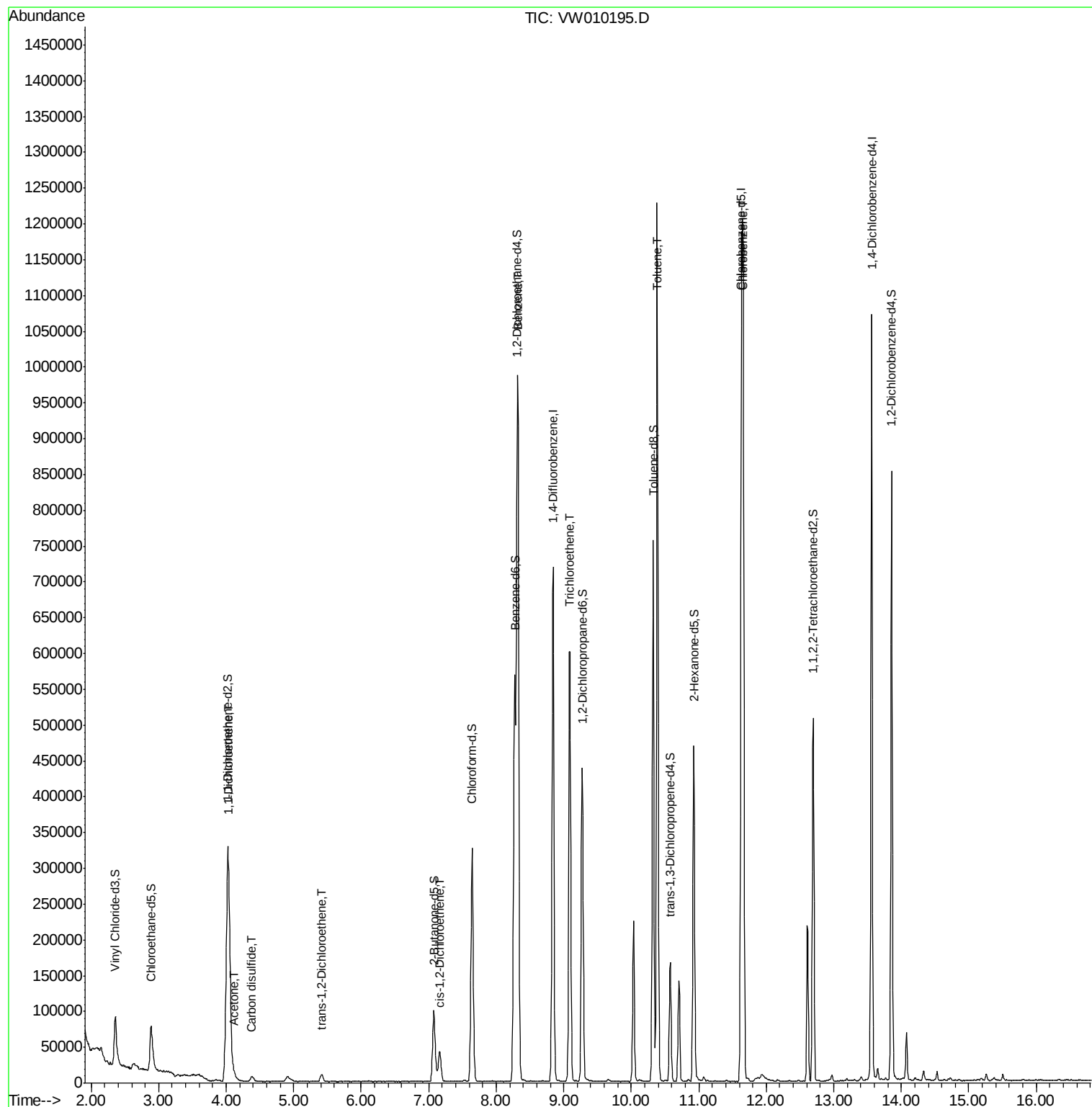
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	160323	22.665	ug/L	86
13) Acetone	4.12	43	6553	3.401	ug/L	93
14) Carbon disulfide	4.37	76	11898	0.584	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	5896	0.789	ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	22265	2.755	ug/L	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

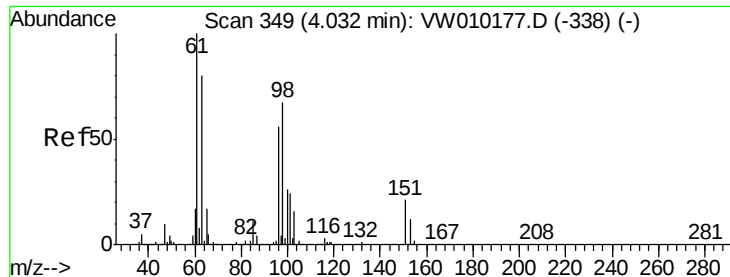
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

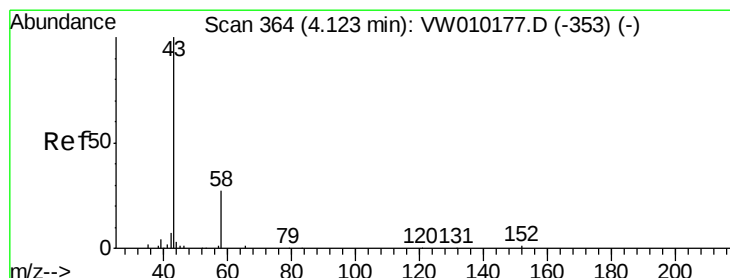
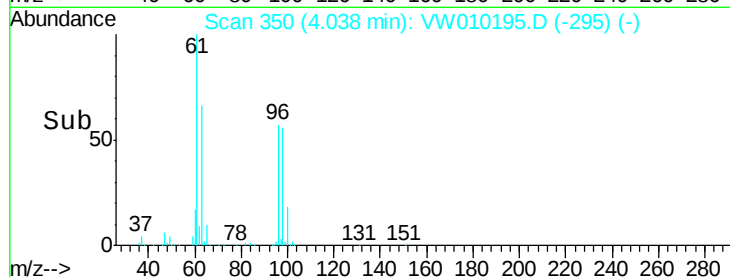
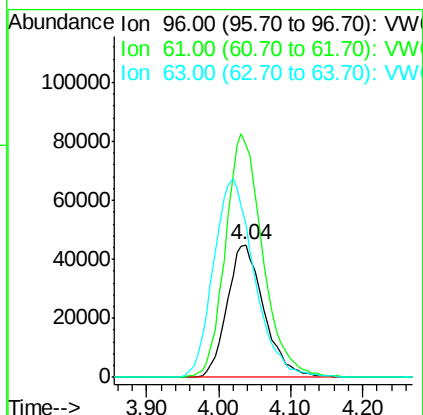
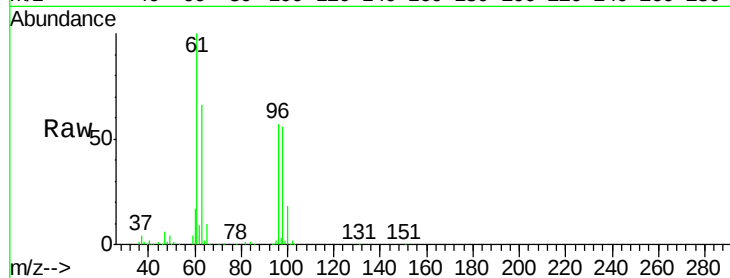
Tot Ion: 96 Resp: 160323

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

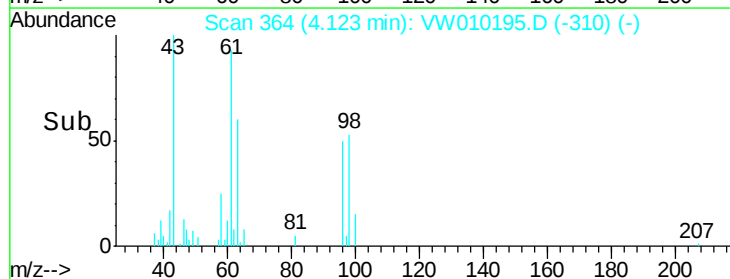
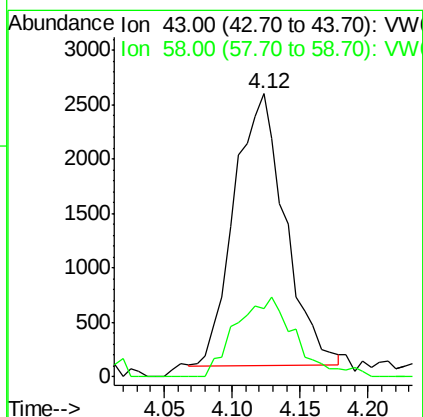
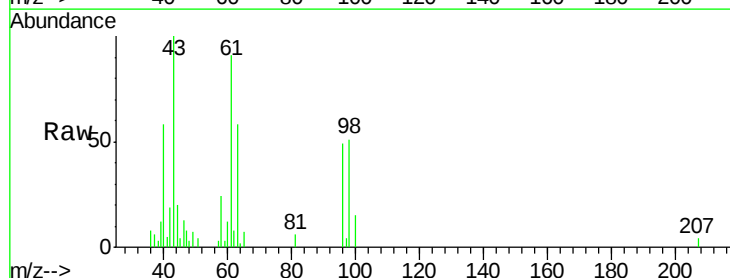
Acq: 29 Apr 2019 22:16

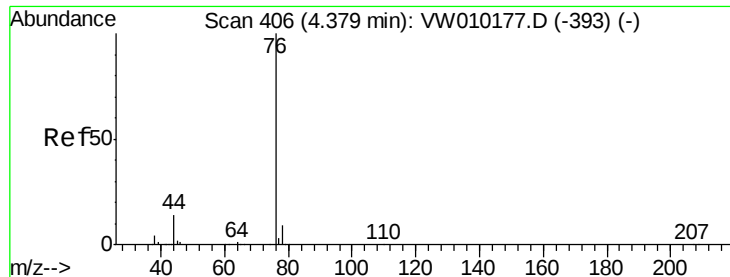
Tgt Ion: 43 Resp: 6553

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

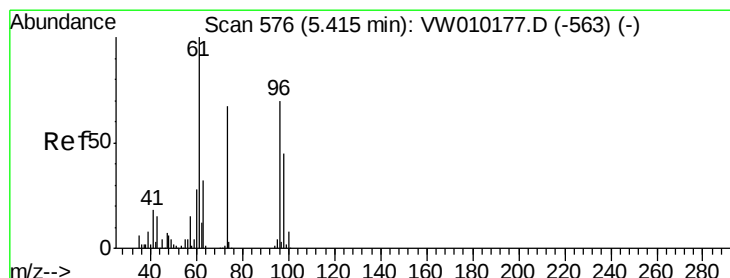
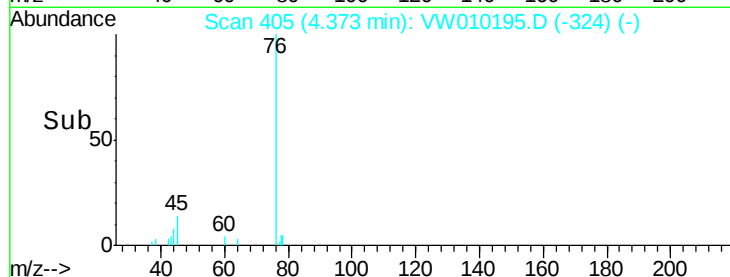
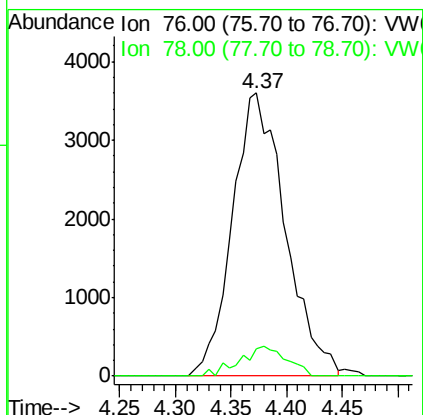
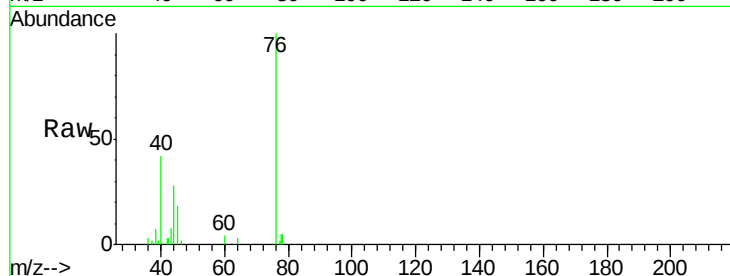
ClientSampled :

Tot Ion: 76 Resp: 11898

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#18

trans-1,2-Dichloroethene

Concen: 0.789 ug/L

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW010195.D

Acq: 29 Apr 2019 22:16

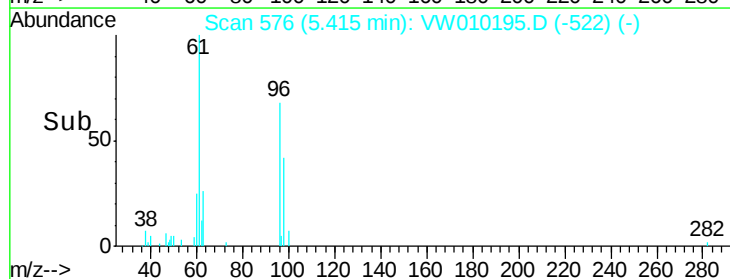
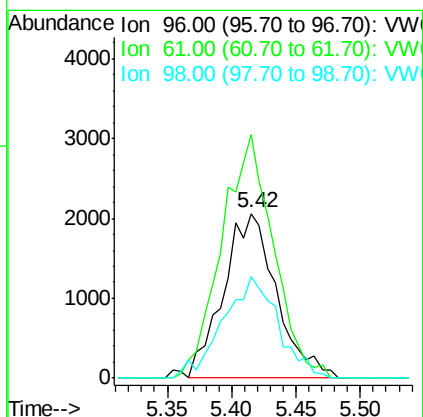
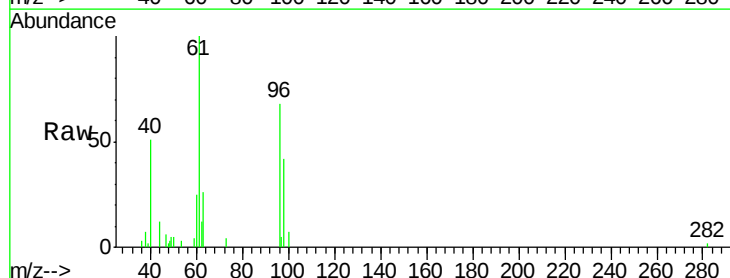
Tgt Ion: 96 Resp: 5896

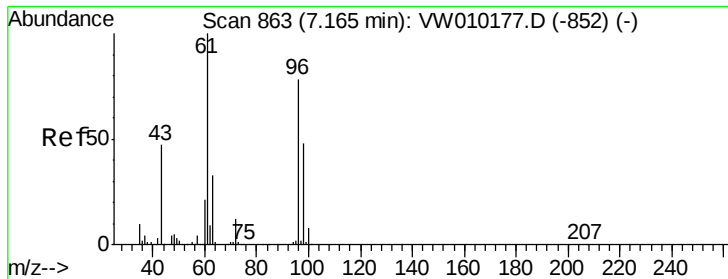
Ion Ratio Lower Upper

96 100

61 148.0 99.4 184.6

98 61.5 44.8 83.2



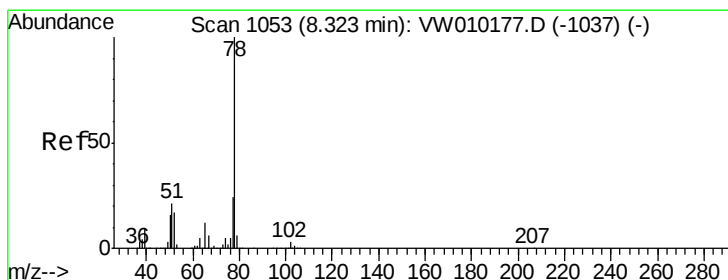
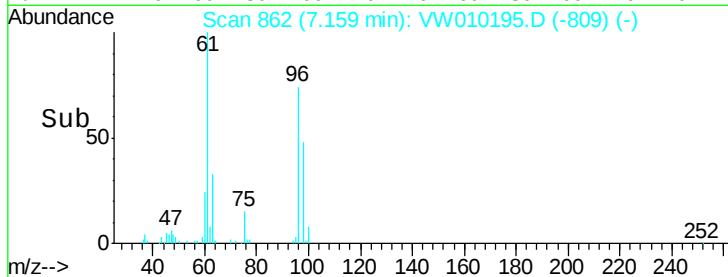
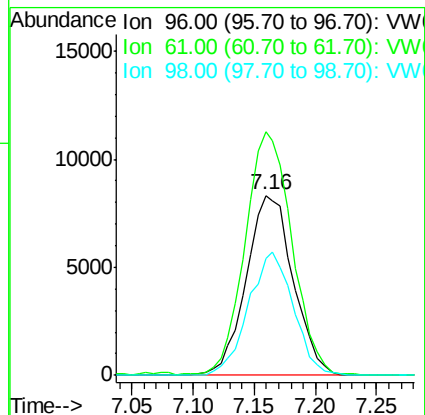
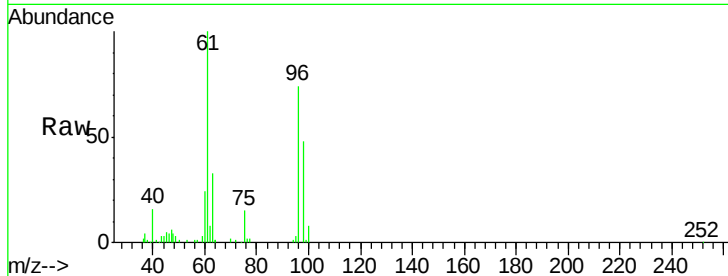


#22

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

Instrument :
 MSVOA_W
 ClientSampled :

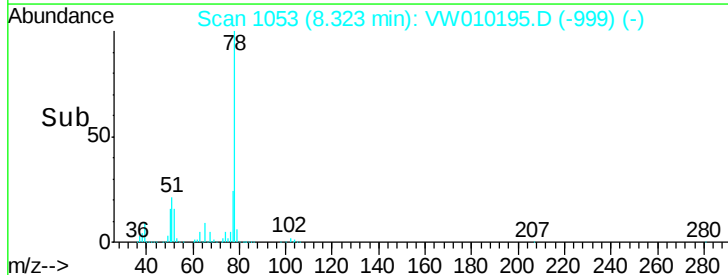
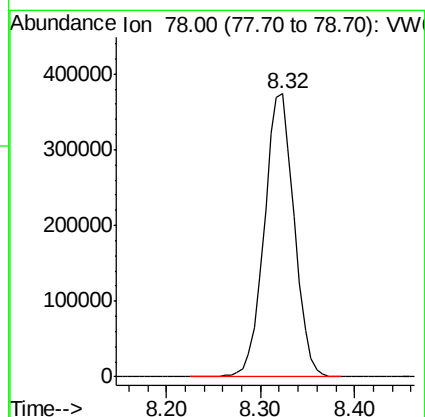
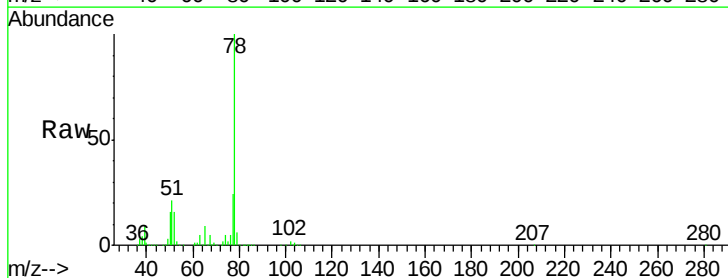
Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	135.1	90.0	167.2	
98	64.9	42.8	79.6	

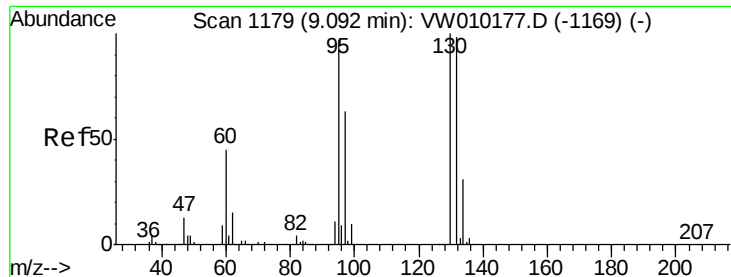


#34

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

Tgt Ion: 78 Resp: 831425

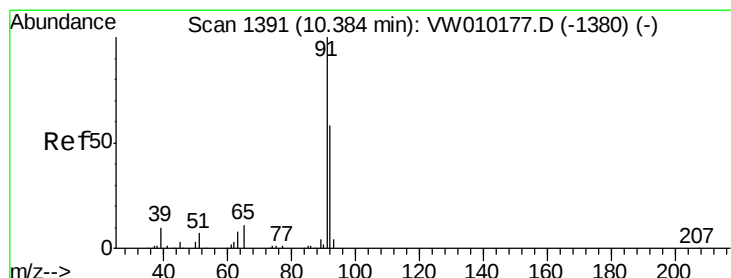
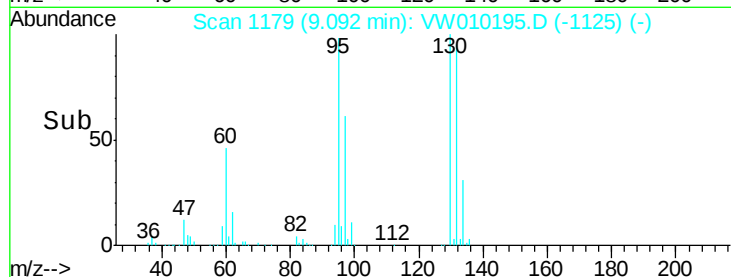
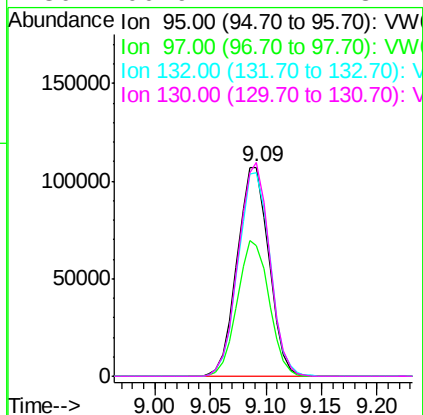
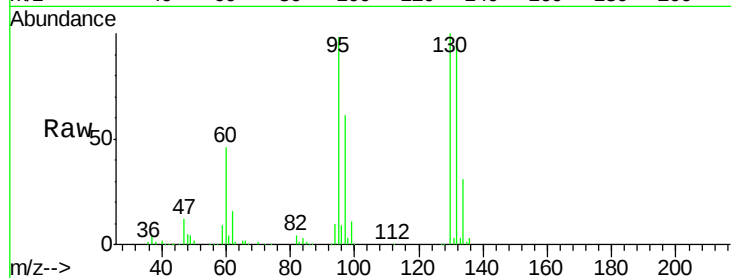




#35
 Trichloroethene
 Concen: 24.860 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW010195.D
 Acq: 29 Apr 2019 22:16

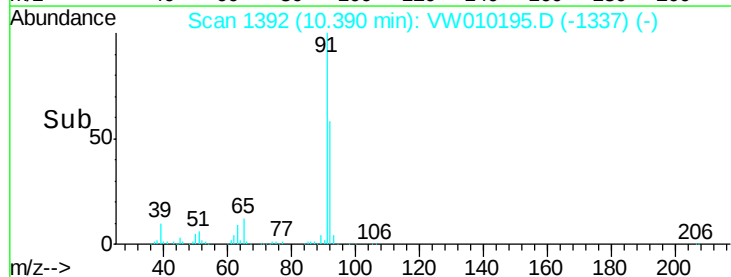
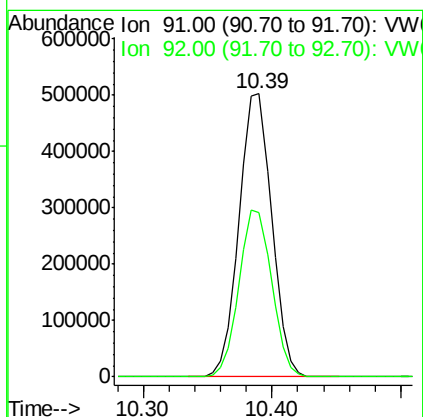
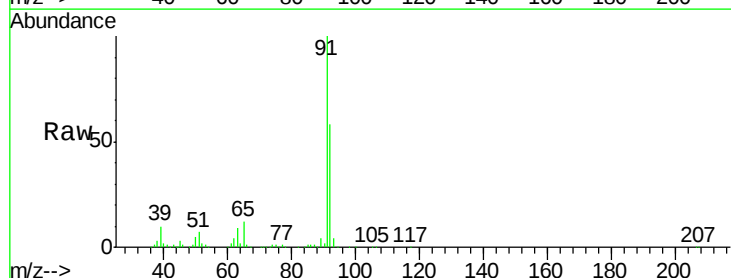
Instrument :
 MSVOA_W
 ClientSampleId :

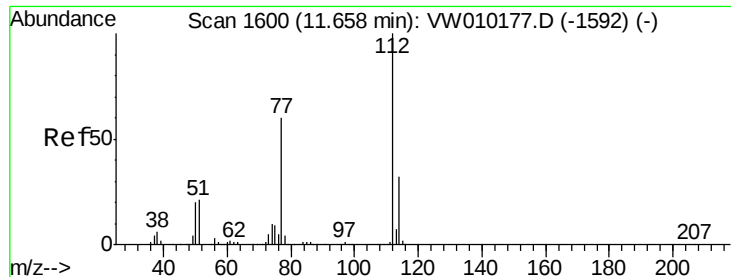
Tot Ion:	95	Resp:	212277
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.4	84.2
132	98.4	69.2	128.6
130	100.9	72.2	134.2



#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

Tgt Ion:	91	Resp:	884273
Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.4	75.0

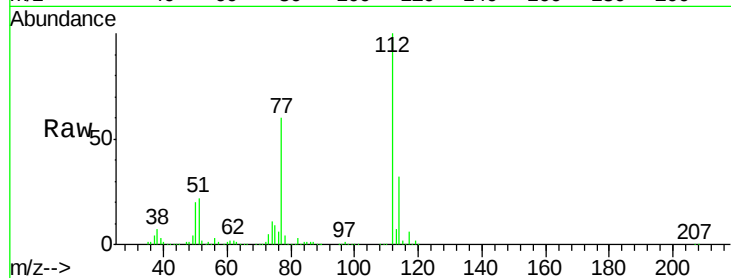




#52
 Chlorobenzene
 Concen: 26.357 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW010195.D
 Acq: 29 Apr 2019 22:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
77	60.5	48.2	72.2
114	31.9	22.2	41.2



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 77.00 (76.70 to 77.70): VW
 Ion 114.00 (113.70 to 114.70): V

