

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111518\
 Data File : VW006897.D
 Acq On : 15 Nov 2018 15:10
 Operator : SY/AP
 Sample : J5945-03MSD
 Misc : 6.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOA0MSDMSD

Quant Time: Nov 16 05:42:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 04:49:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	163311	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	157940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	72176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	36472	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
7) Chloroethane-d5	2.89	69	26949	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.32%
10) 1,1-Dichloroethene-d2	4.03	63	93757	24.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.84%
20) 2-Butanone-d5	7.09	46	41314	51.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.40%
24) Chloroform-d	7.65	84	86260	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.31	65	55362	27.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.52%
29) Benzene-d6	8.28	84	189597	22.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.84%
33) 1,2-Dichloropropane-d6	9.28	67	58382	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.40%
37) Toluene-d8	10.33	98	198065	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.58	79	26391	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.24%
39) 2-Hexanone-d5	10.93	63	31848	50.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.16%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	55607	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	65807	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

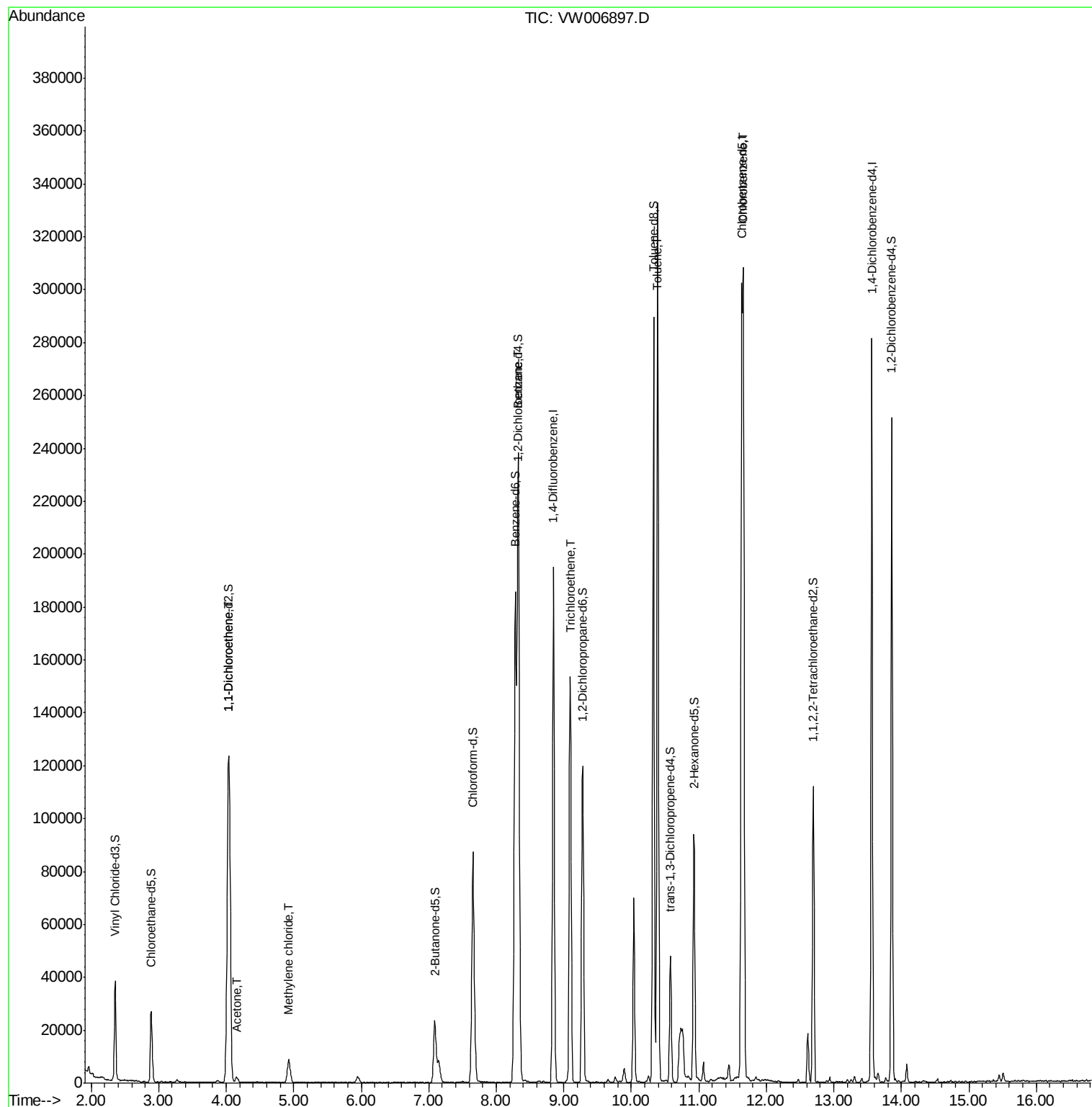
					Ovalue
12) 1,1-Dichloroethene	4.04	96	45560	24.420 ug/L	87
13) Acetone	4.15	43	2751	5.344 ug/L	88
16) Methylene chloride	4.92	84	6841	2.396 ug/L	91
34) Benzene	8.33	78	208115	23.562 ug/L	100
35) Trichloroethene	9.10	95	55698	23.152 ug/L	99
44) Toluene	10.39	91	244037	24.130 ug/L	99
52) Chlorobenzene	11.66	112	154048	24.218 ug/L	99

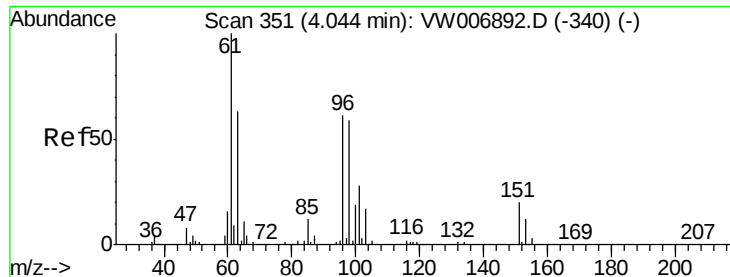
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 16 04:49:42 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.420 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW006897.D

Acq: 15 Nov 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

ETOA0MSDMSD

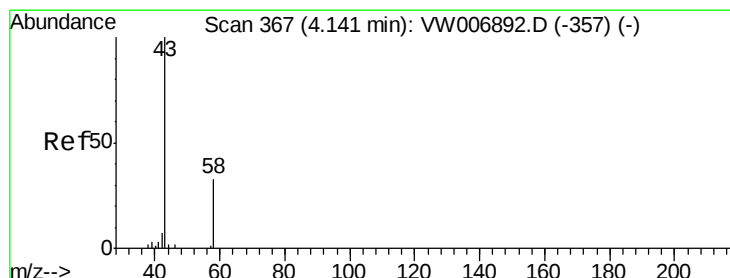
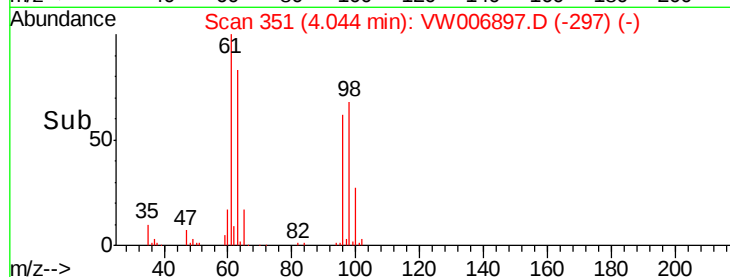
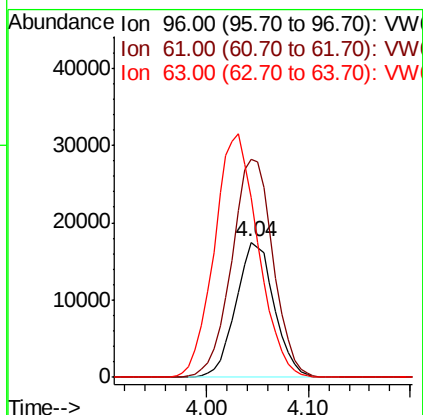
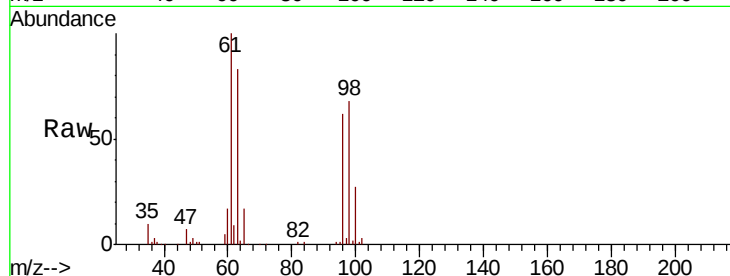
Tot Ion: 96 Resp: 45560

Ion Ratio Lower Upper

96 100

61 161.2 116.3 215.9

63 133.2 73.4 136.4



#13

Acetone

Concen: 5.344 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006897.D

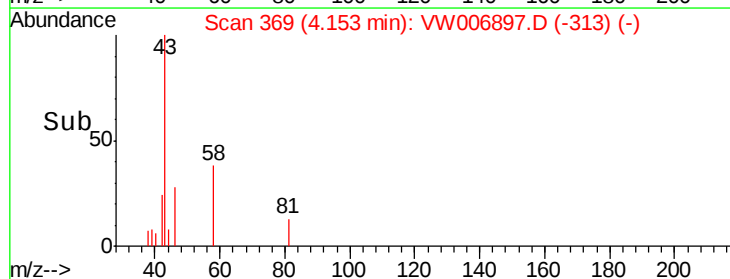
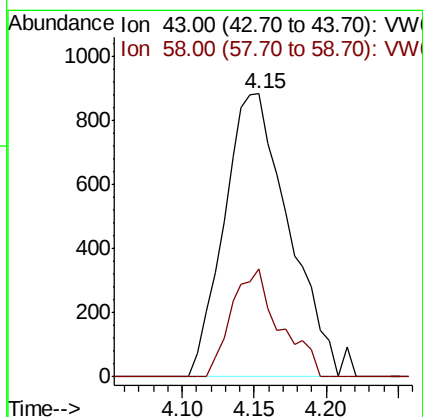
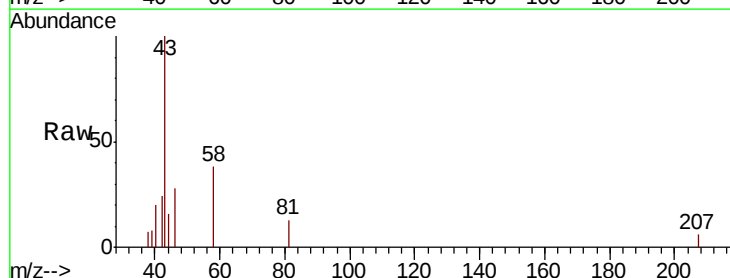
Acq: 15 Nov 2018 15:10

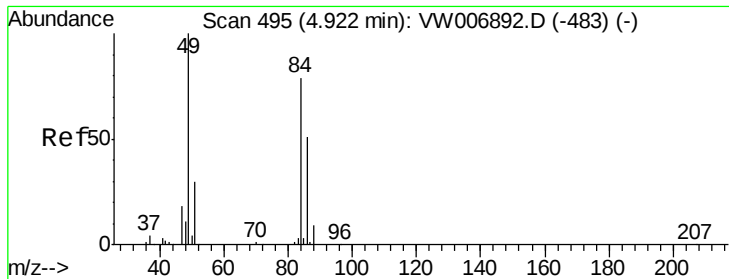
Tgt Ion: 43 Resp: 2751

Ion Ratio Lower Upper

43 100

58 26.0 0.0 65.6

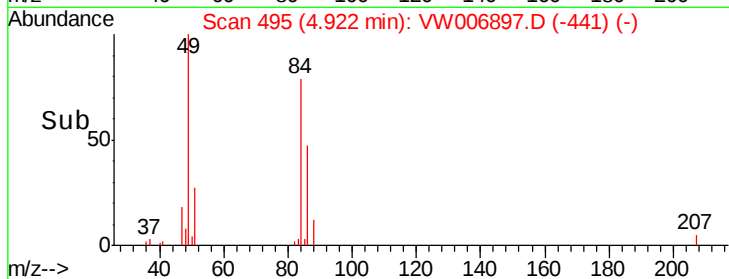
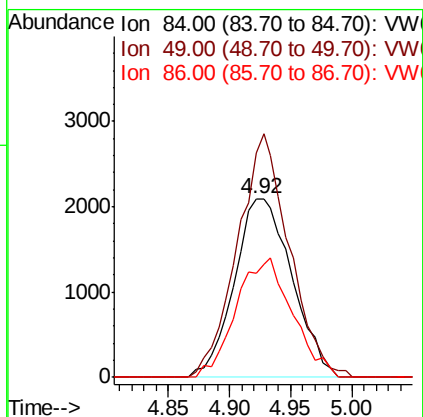
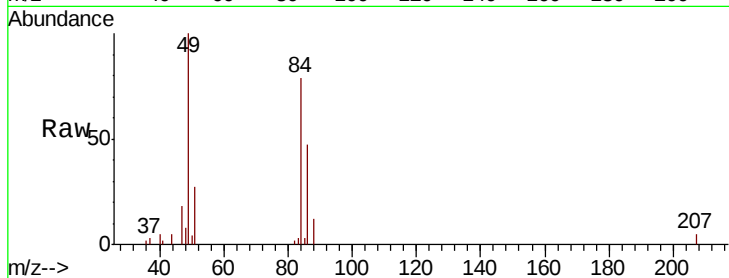




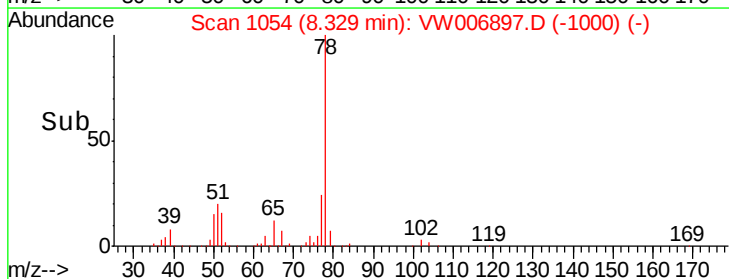
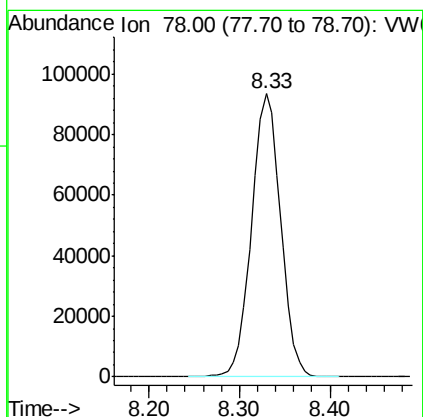
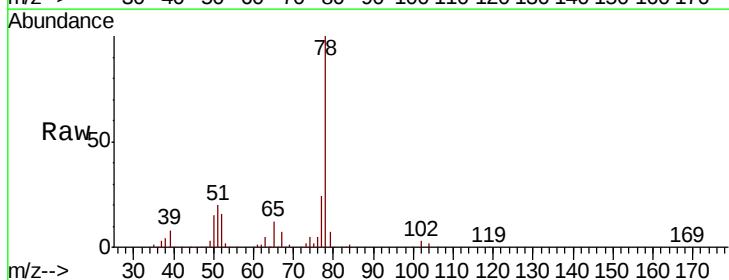
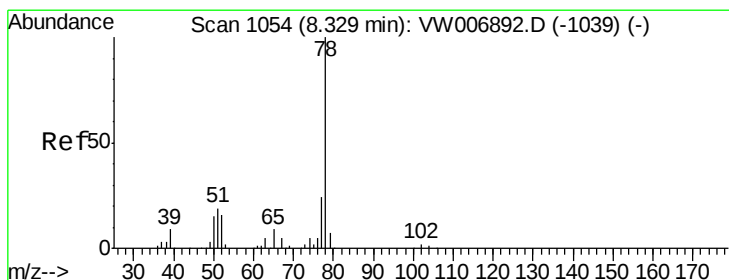
#16
Methvlene chloride
Concen: 2.396 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006897.D
Acq: 15 Nov 2018 15:10

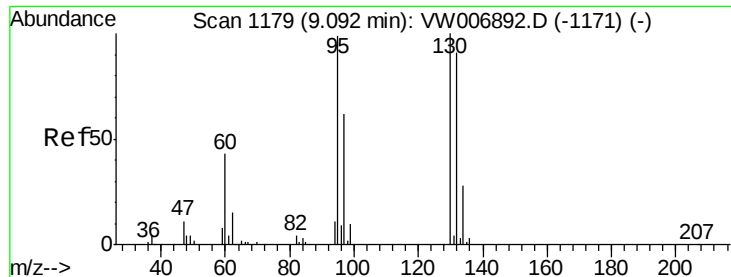
Instrument :
MSVOA_W
ClientSampleId :
ETOAA0MSDMSD

Tot Ion: 84 Resp: 6841
Ion Ratio Lower Upper
84 100
49 126.1 79.3 147.3
86 58.7 43.5 80.9



#34
Benzene
Concen: 23.562 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006897.D
Acq: 15 Nov 2018 15:10
Tgt Ion: 78 Resp: 208115

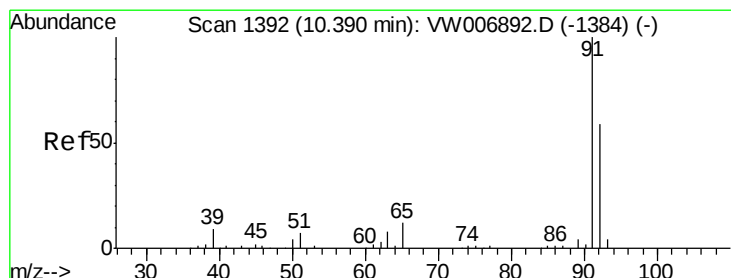
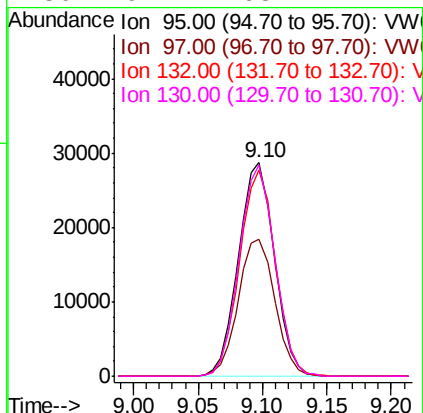
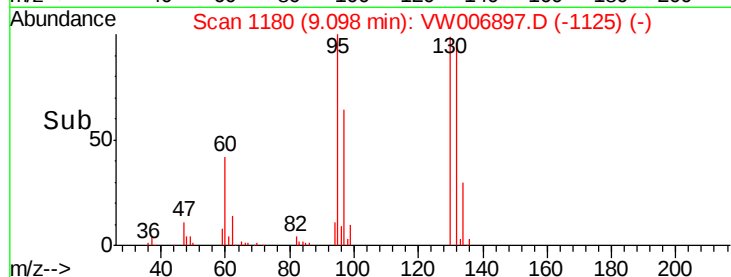
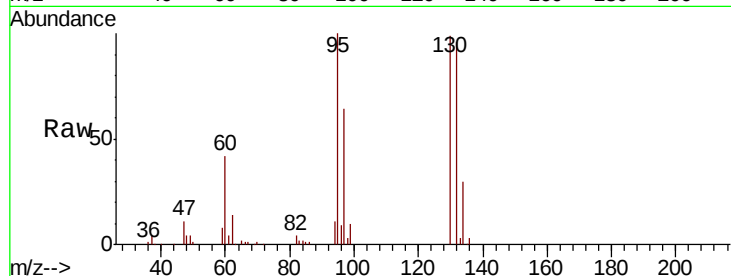




#35
 Trichloroethene
 Concen: 23.152 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW006897.D
 Acq: 15 Nov 2018 15:10

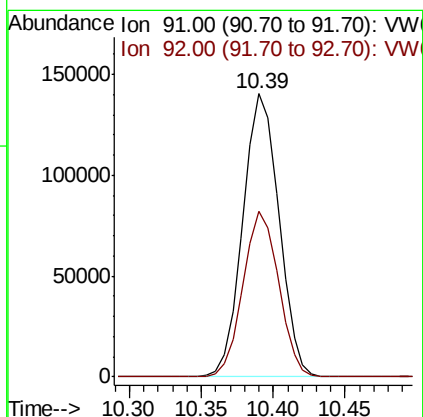
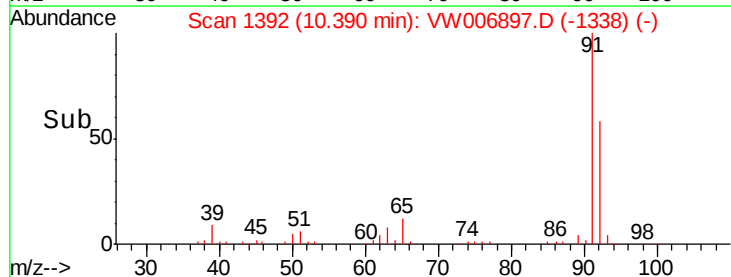
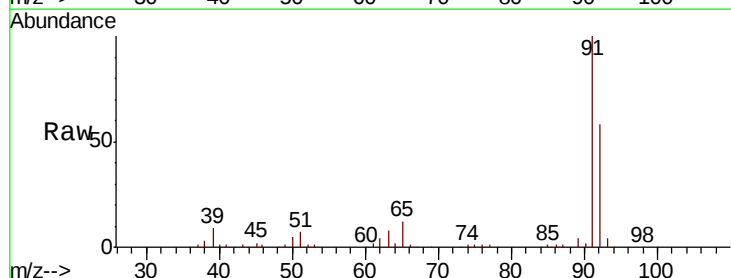
Instrument :
 MSVOA_W
 ClientSampleId :
 ETOA0MSDMSD

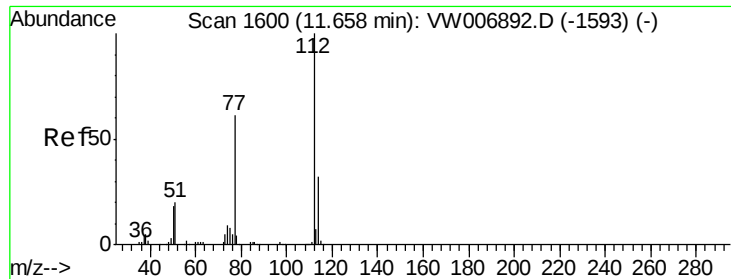
Tot Ion: 95 Resp: 55698
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.1 83.9
 132 95.4 65.7 121.9
 130 97.7 68.7 127.7



#44
 Toluene
 Concen: 24.130 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006897.D
 Acq: 15 Nov 2018 15:10

Tgt Ion: 91 Resp: 244037
 Ion Ratio Lower Upper
 91 100
 92 58.4 40.5 75.3





#52
Chlorobenzene
Concen: 24.218 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006897.D
Acq: 15 Nov 2018 15:10

Instrument :
MSVOA_W
ClientSampleId :
ETOAA0MSDMSD

Tot Ion	Ratio	Lower	Upper
112	100		
77	60.8	47.8	71.8
114	31.6	22.3	41.5

