

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013861.D
 Acq On : 31 Oct 2019 16:52
 Operator : SY/VA
 Sample : K5552-17MS
 Misc : 3.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:13:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	308766	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	304403	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164625	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121735	25.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.60%
7) Chloroethane-d5	2.89	69	94651	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.96%
10) 1,1-Dichloroethene-d2	4.03	63	232267	24.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.76%
20) 2-Butanone-d5	7.07	46	69336	41.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.94%
24) Chloroform-d	7.65	84	236358	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.30	65	126819	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	8.27	84	517140	26.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.88%
33) 1,2-Dichloropropane-d6	9.27	67	154717	26.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.68%
37) Toluene-d8	10.32	98	479685	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.72%
38) trans-1,3-Dichloropropene-	10.58	79	65619	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.08%
39) 2-Hexanone-d5	10.92	63	60064	44.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122936	22.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	169303	26.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.80%

Target Compounds

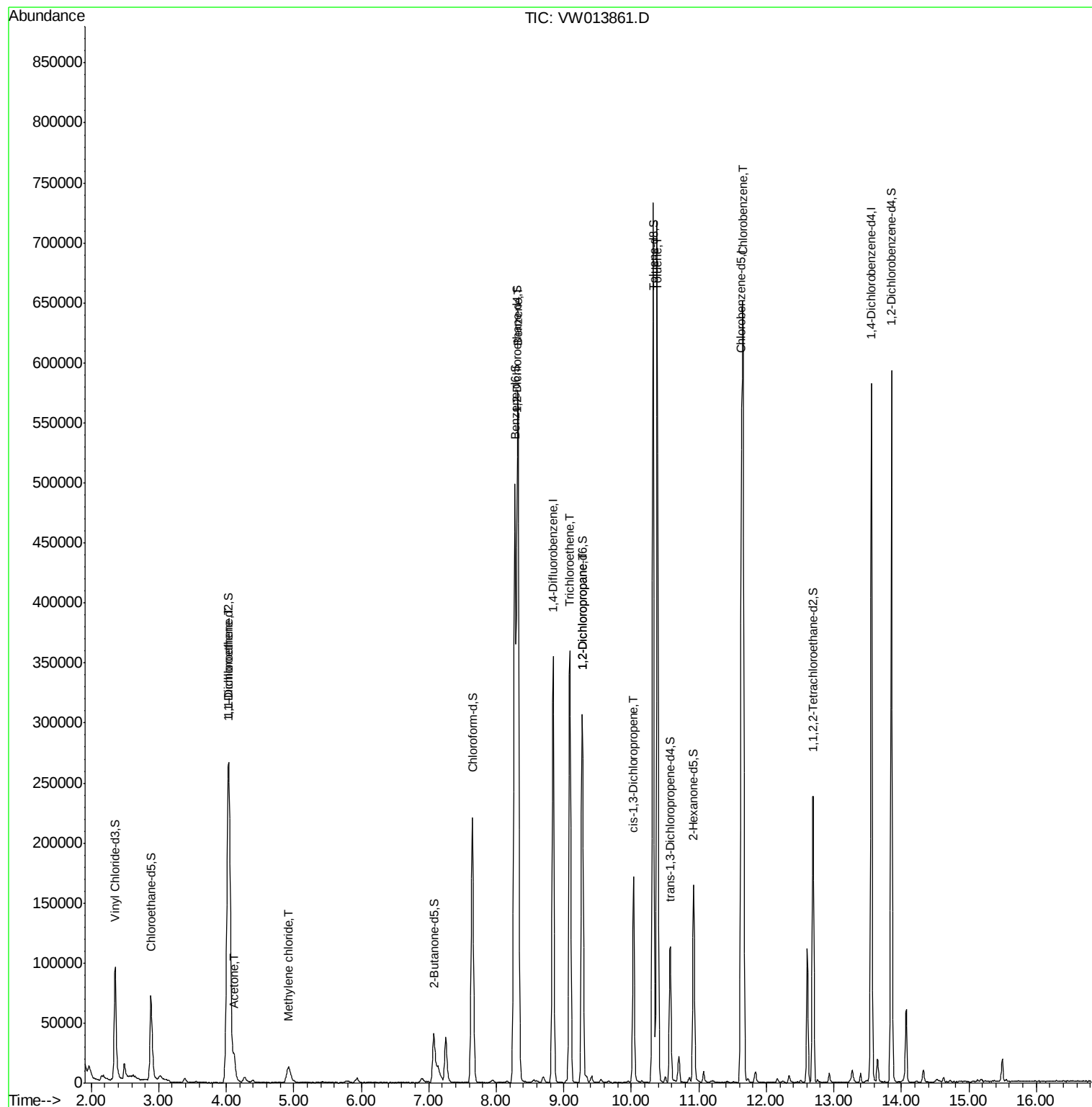
					Ovalue
12) 1,1-Dichloroethene	4.04	96	111103	21.733	ug/L 96
13) Acetone	4.12	43	30163	19.509	ug/L 68
16) Methylene chloride	4.92	84	12727	2.108	ug/L 99
34) Benzene	8.32	78	504763	23.912	ug/L 100
35) Trichloroethene	9.09	95	127494	22.885	ug/L 99
40) 1,2-Dichloropropane	9.27	63	15824	3.034	ug/L # 85
42) cis-1,3-Dichloropropene	10.03	75	3719	0.454	ug/L 91
44) Toluene	10.39	91	552206	24.227	ug/L 99
52) Chlorobenzene	11.66	112	339168	22.947	ug/L 100

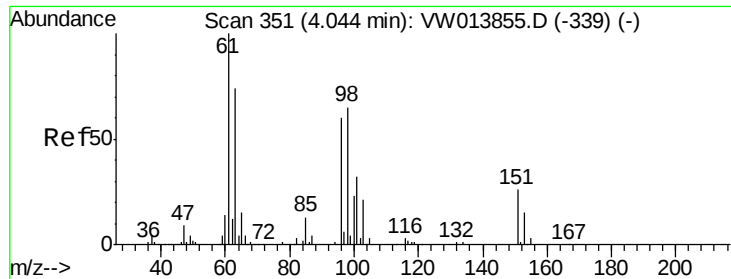
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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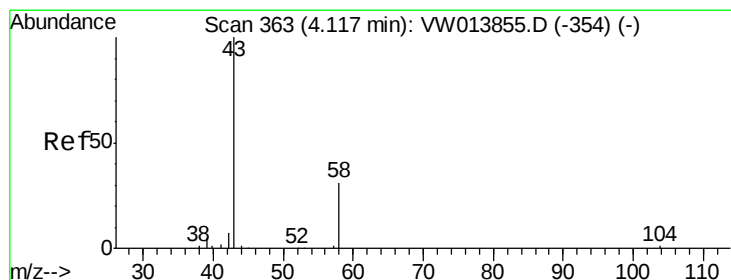
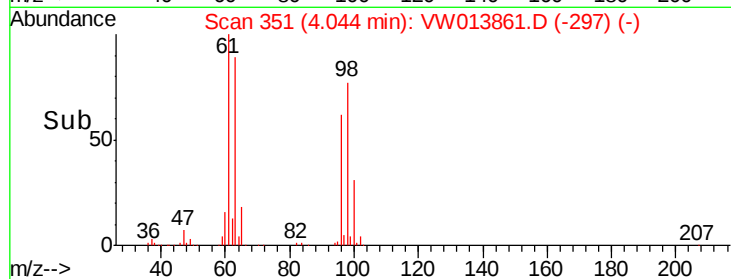
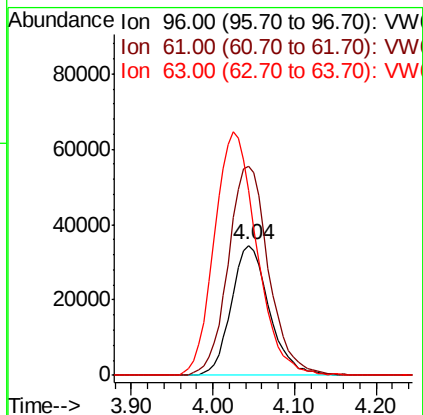
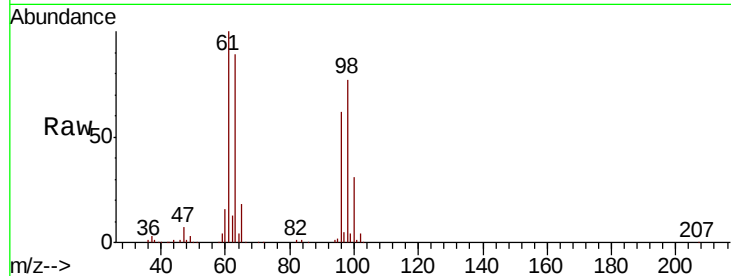




#12
 1,1-Dichloroethene
 Concen: 21.733 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW013861.D
 Acq: 31 Oct 2019 16:52

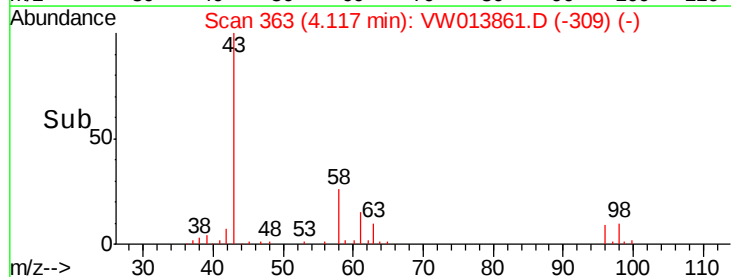
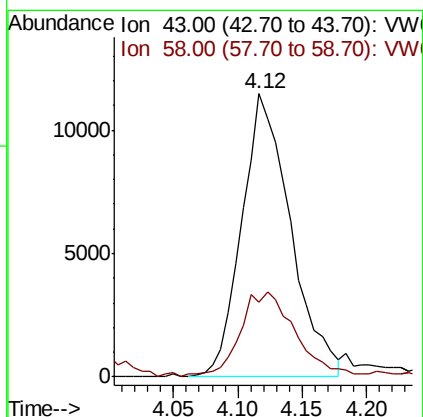
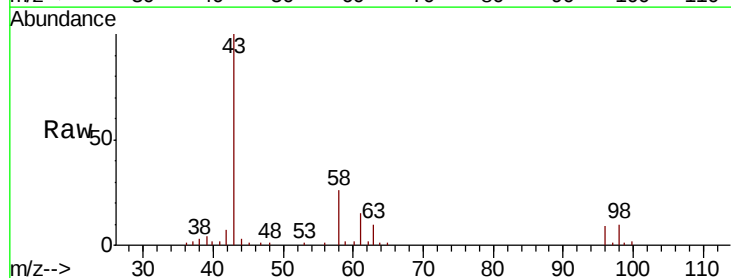
Instrument :
 MSVOA_W
 ClientSampleId :

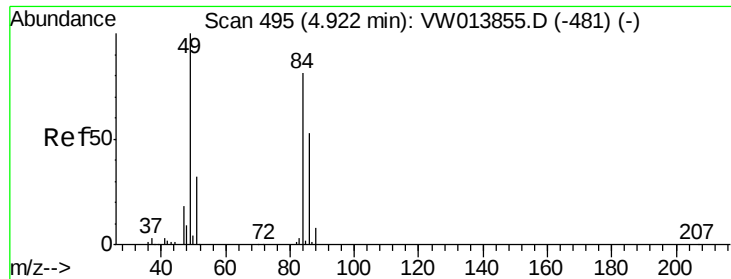
Tot Ion: 96 Resp: 111103
 Ion Ratio Lower Upper
 96 100
 61 160.9 110.4 205.0
 63 142.6 95.5 177.3



#13
 Acetone
 Concen: 19.509 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW013861.D
 Acq: 31 Oct 2019 16:52

Tgt Ion: 43 Resp: 30163
 Ion Ratio Lower Upper
 43 100
 58 14.1 0.0 63.4

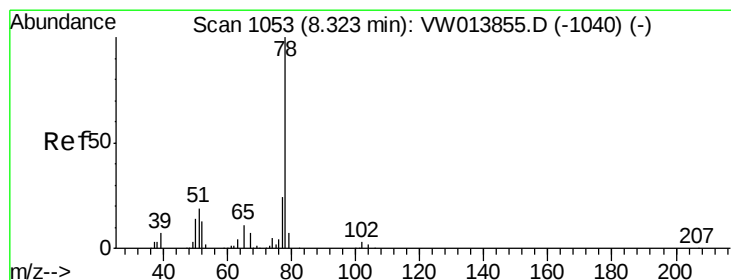
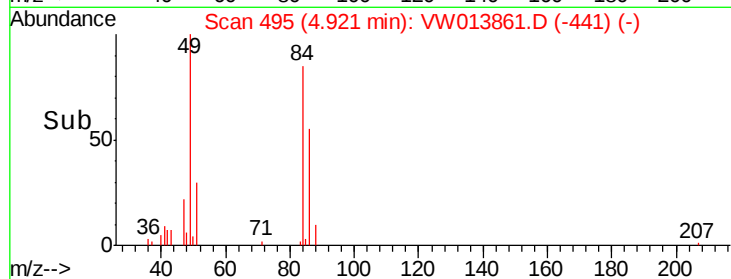
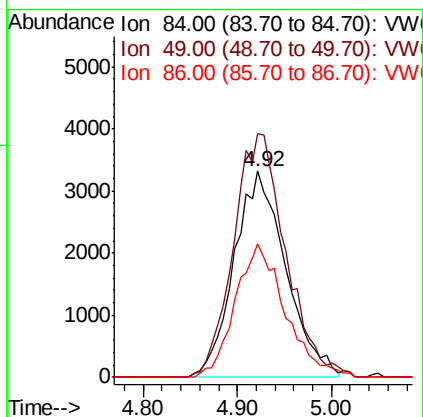
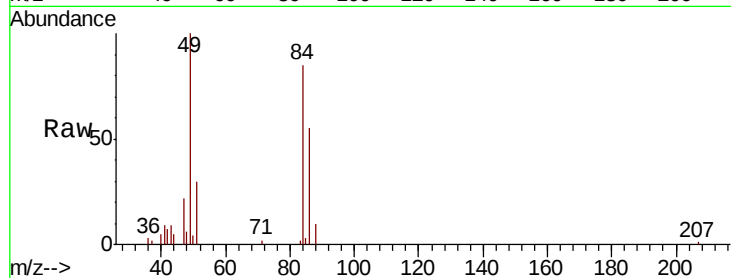




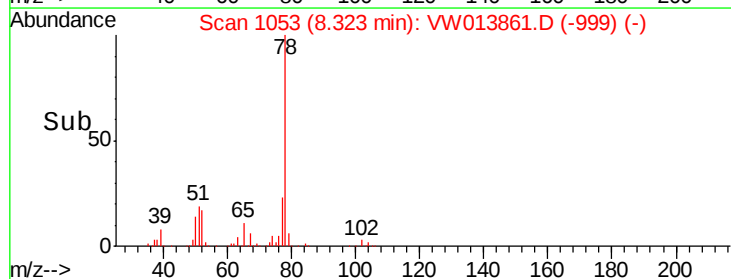
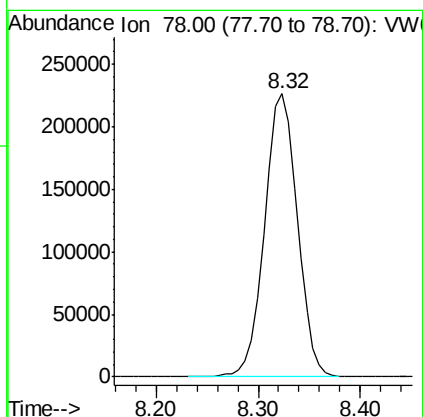
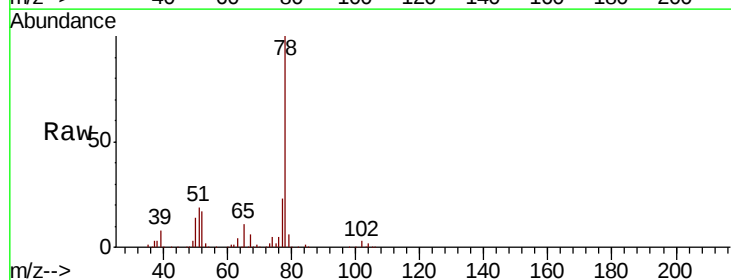
#16
Methvlene chloride
Concen: 2.108 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW013861.D
Acq: 31 Oct 2019 16:52

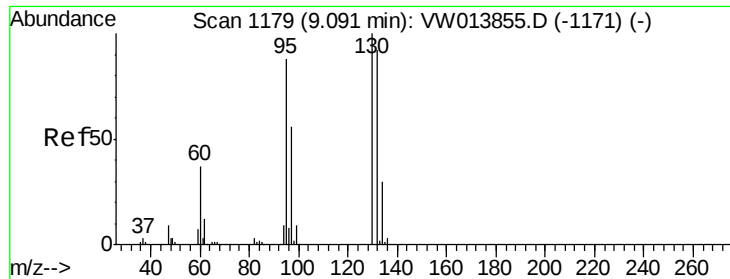
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 12727
Ion Ratio Lower Upper
84 100
49 118.0 82.2 152.6
86 64.6 45.6 84.8



#34
Benzene
Concen: 23.912 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013861.D
Acq: 31 Oct 2019 16:52
Tgt Ion: 78 Resp: 504763





#35

Trichloroethene

Concen: 22.885 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013861.D

Acq: 31 Oct 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 127494

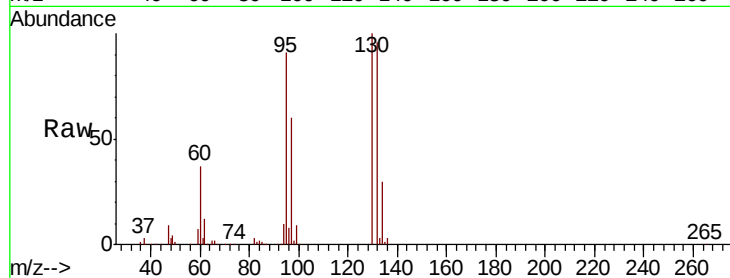
Ion Ratio Lower Upper

95 100

97 64.4 45.0 83.6

132 104.5 72.4 134.4

130 109.8 76.6 142.3

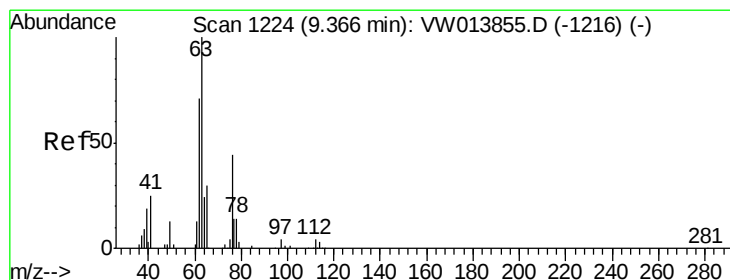
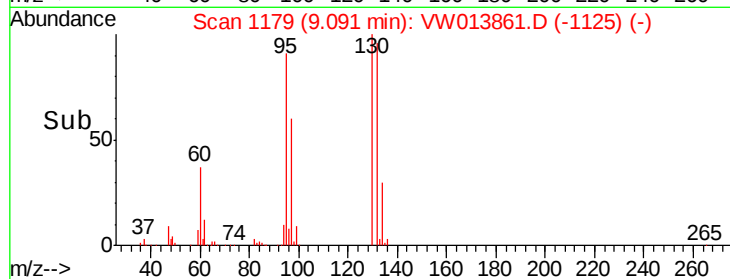
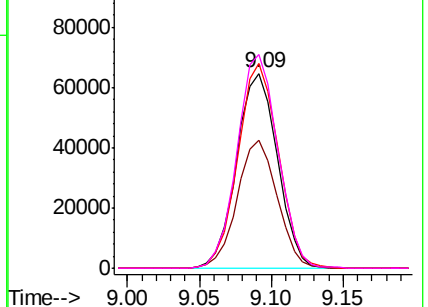


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.034 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW013861.D

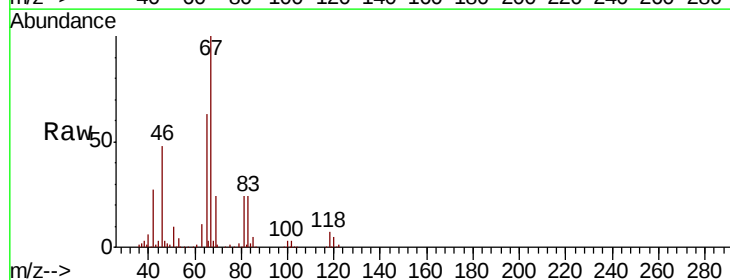
Acq: 31 Oct 2019 16:52

Tgt Ion: 63 Resp: 15824

Ion Ratio Lower Upper

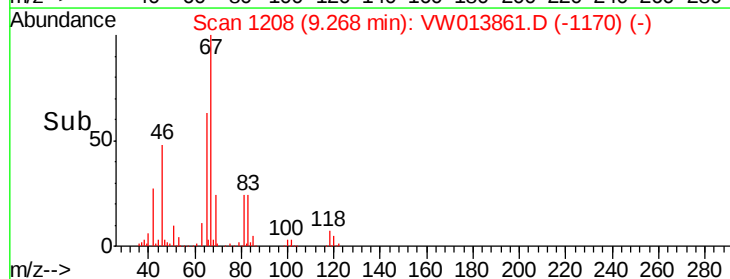
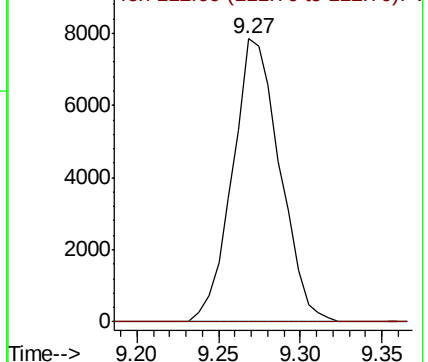
63 100

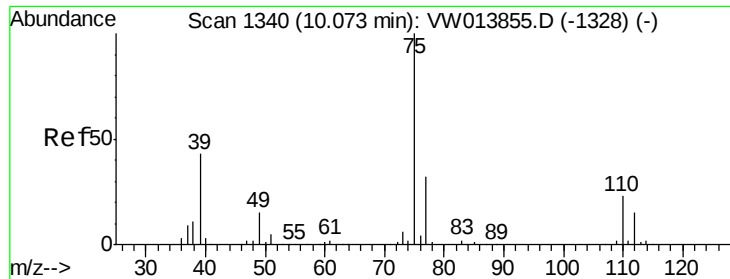
112 0.0 4.1 6.1#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

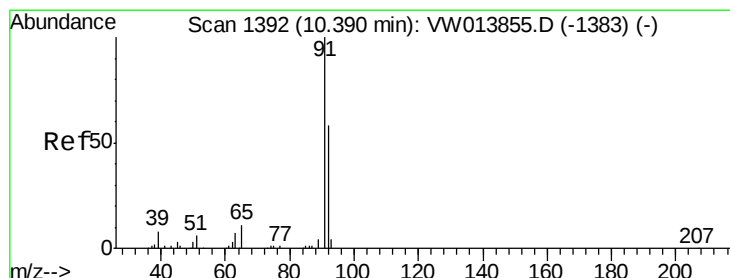
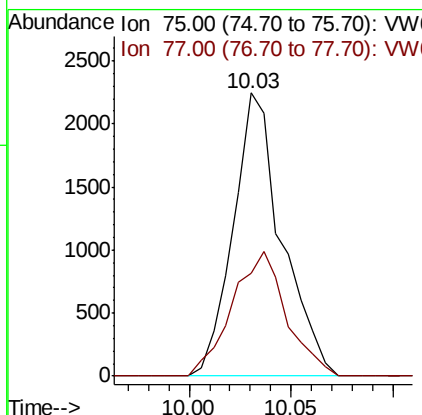
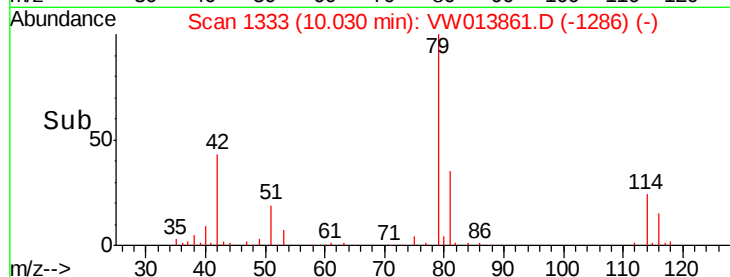
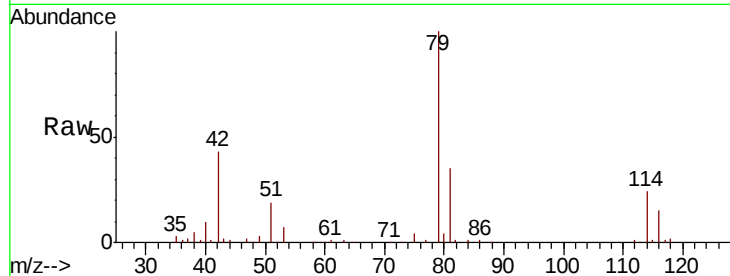




#42
 cis-1,3-Dichloropropene
 Concen: 0.454 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW013861.D
 Acq: 31 Oct 2019 16:52

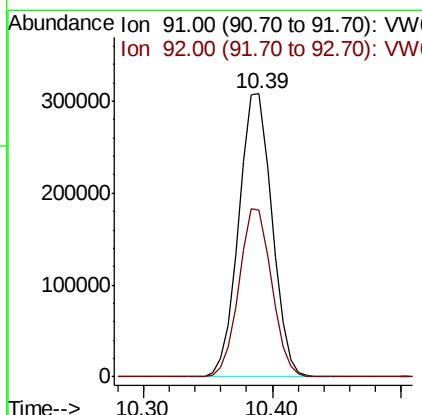
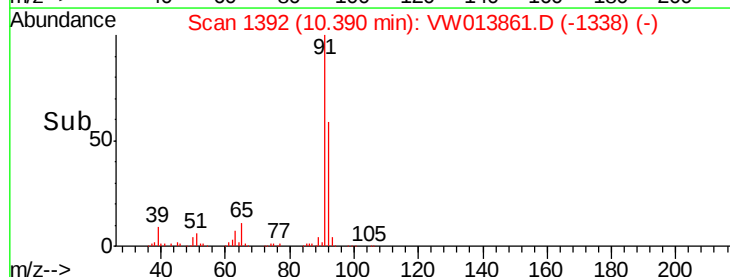
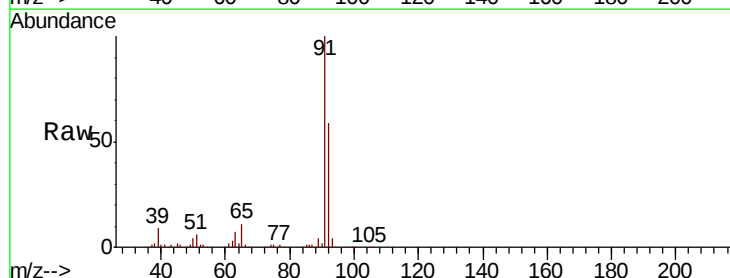
Instrument :
 MSVOA_W
 ClientSampled :

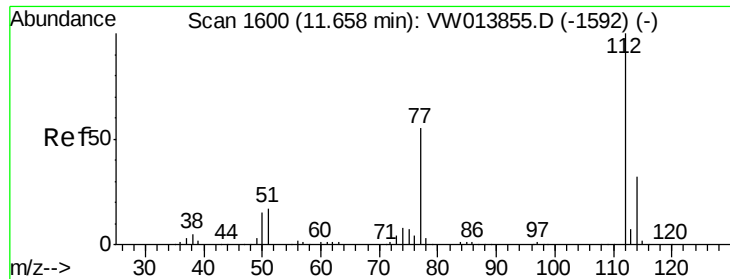
Tot Ion: 75 Resp: 3719
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.1 41.1



#44
 Toluene
 Concen: 24.227 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW013861.D
 Acq: 31 Oct 2019 16:52

Tgt Ion: 91 Resp: 552206
 Ion Ratio Lower Upper
 91 100
 92 58.9 42.0 78.0





#52

Chlorobenzene

Concen: 22.947 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW013861.D

Acq: 31 Oct 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

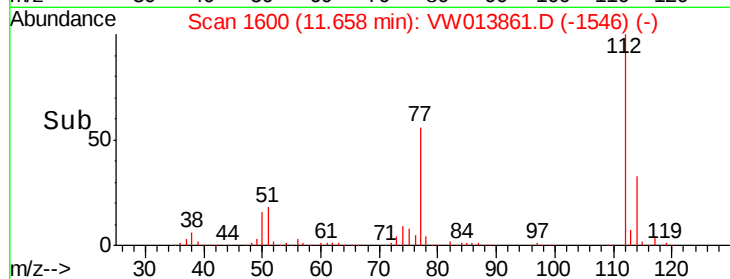
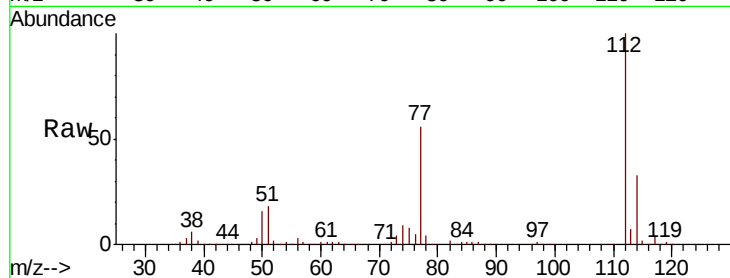
Tot Ion:112 Resp: 339168

Ion Ratio Lower Upper

112 100

77 55.8 44.7 67.1

114 32.6 23.1 42.9



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

