

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014038.D
 Acq On : 15 Nov 2019 14:01
 Operator : SY/VA
 Sample : K5811-08MSD
 Misc : 3.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:08:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349201	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322968	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153232	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109596	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
7) Chloroethane-d5	2.89	69	97408	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
10) 1,1-Dichloroethene-d2	4.02	63	237480	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.08%
20) 2-Butanone-d5	7.07	46	87952	54.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.68%
24) Chloroform-d	7.64	84	256720	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	142209	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.36%
29) Benzene-d6	8.27	84	538141	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
33) 1,2-Dichloropropane-d6	9.27	67	166562	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.24%
37) Toluene-d8	10.32	98	489291	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	10.57	79	67912	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.92	63	65489	51.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129522	25.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	142733	23.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.72%

Target Compounds

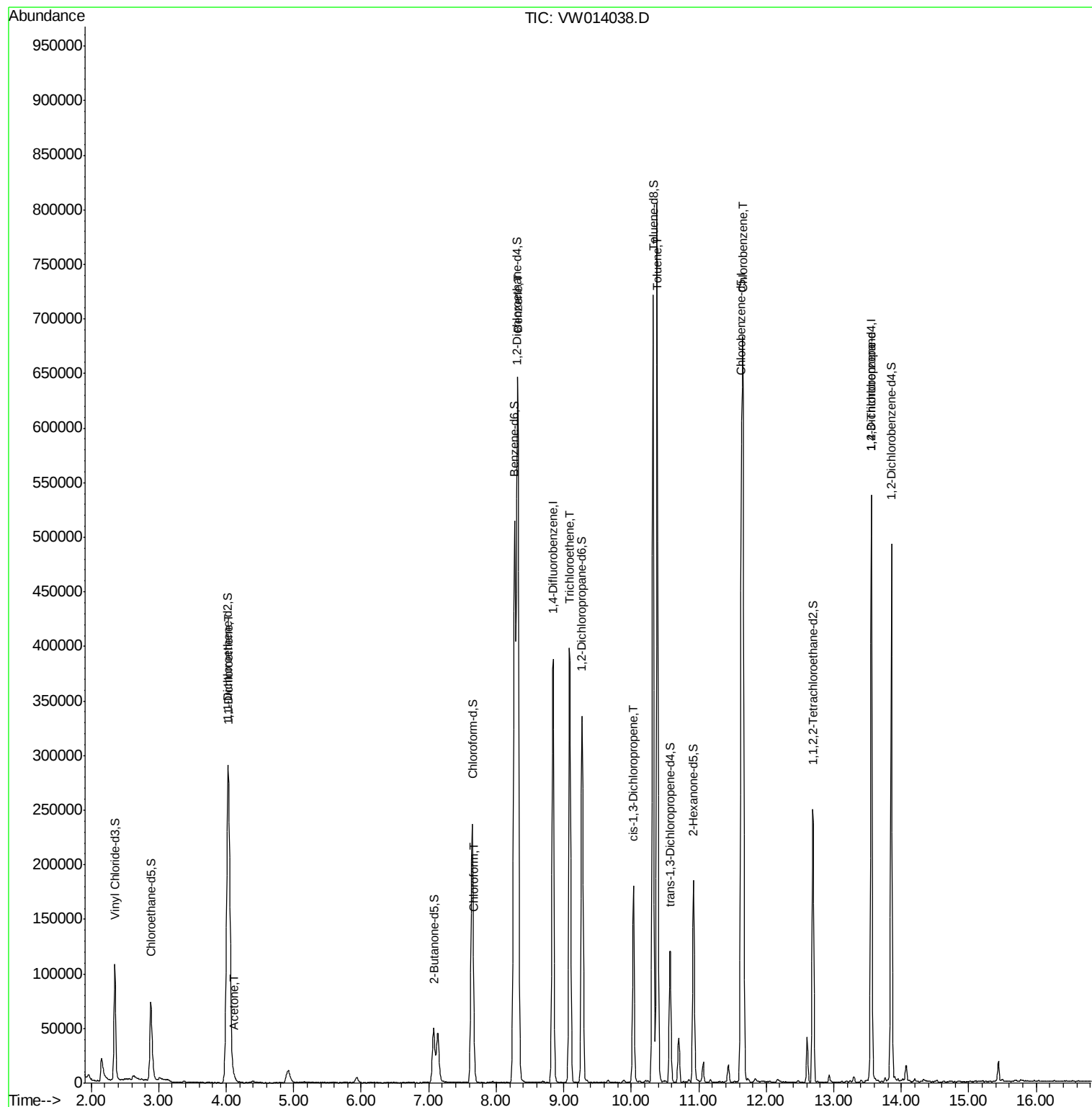
					Ovalue
12) 1,1-Dichloroethene	4.04	96	124609	21.138	ug/L 89
13) Acetone	4.12	43	6190	3.758	ug/L 87
25) Chloroform	7.67	83	5255	0.517	ug/L 77
34) Benzene	8.32	78	560328	23.653	ug/L 100
35) Trichloroethene	9.09	95	141487	22.390	ug/L 99
42) cis-1,3-Dichloropropene	10.04	75	3940	0.438	ug/L # 75
44) Toluene	10.38	91	588576	22.788	ug/L 99
52) Chlorobenzene	11.66	112	362501	22.388	ug/L 99
59) 1,2,3-Trichloropropane	13.55	75	15726	4.274	ug/L 93

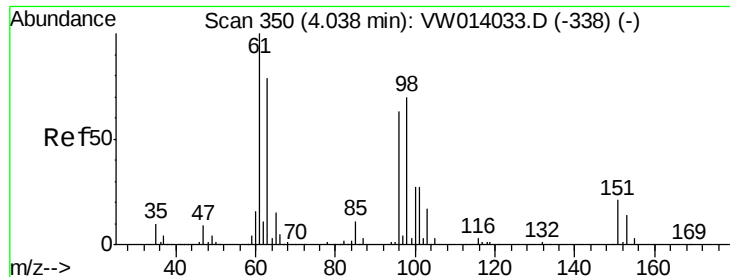
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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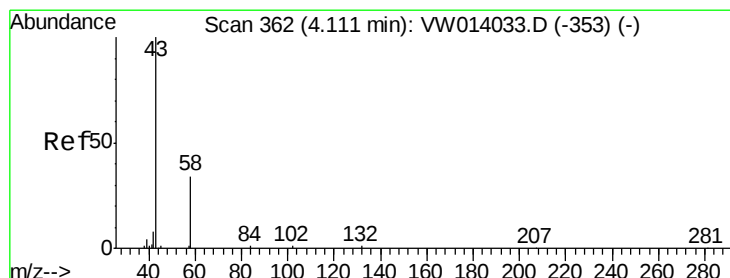
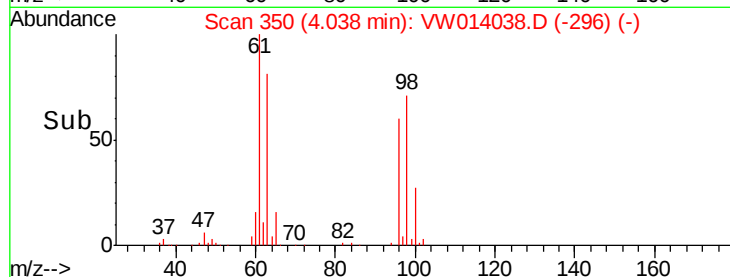
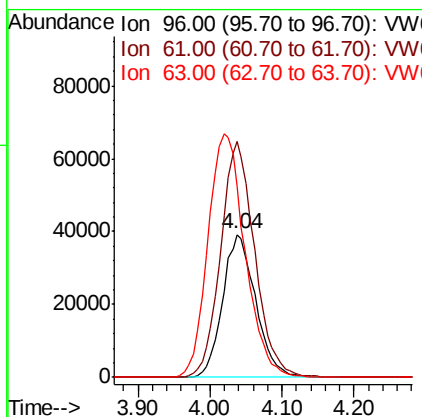
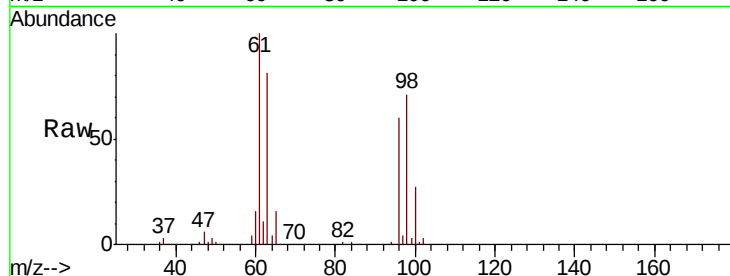




#12
 1,1-Dichloroethene
 Concen: 21.138 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014038.D
 Acq: 15 Nov 2019 14:01

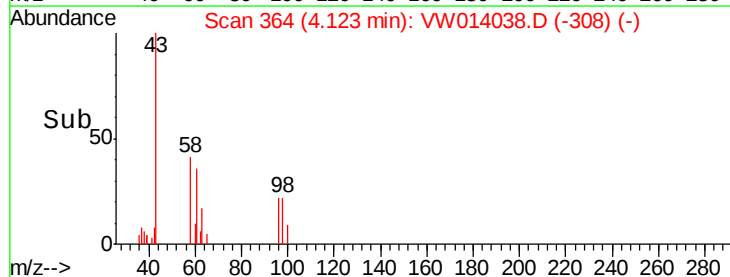
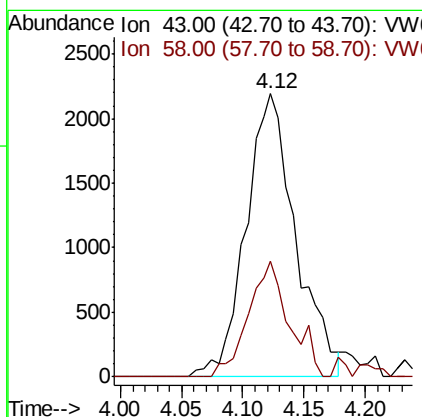
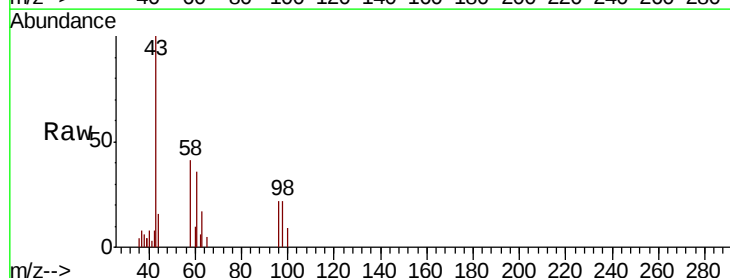
Instrument :
 MSVOA_W
 ClientSampled :

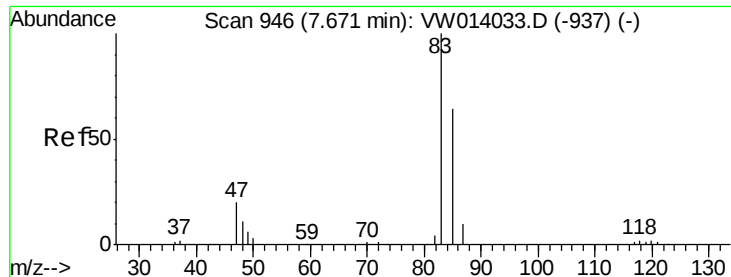
Tot Ion	96	Resp	124609
Ion	Ratio	Lower	Upper
96	100		
61	165.3	109.8	204.0
63	133.9	80.7	149.9



#13
 Acetone
 Concen: 3.758 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW014038.D
 Acq: 15 Nov 2019 14:01

Tgt Ion	43	Resp	6190
Ion	Ratio	Lower	Upper
43	100		
58	25.1	0.0	65.4

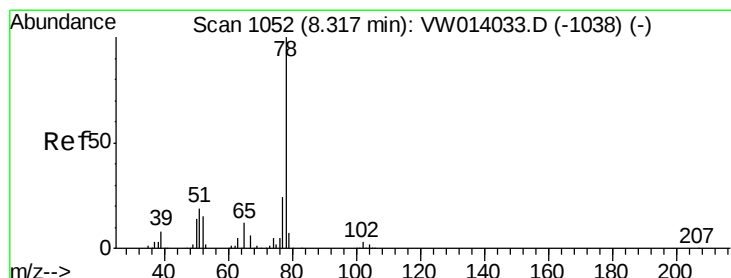
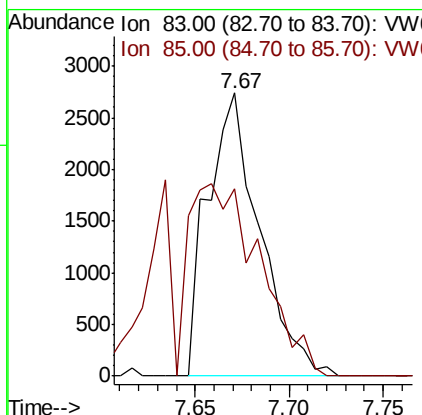
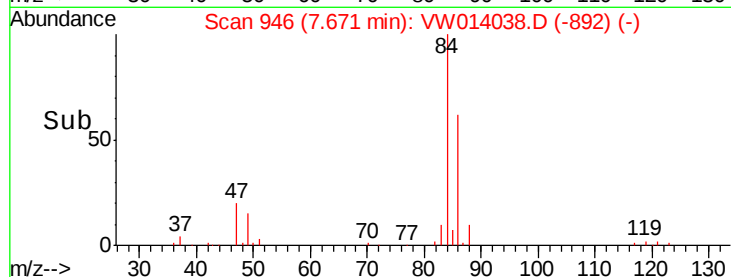
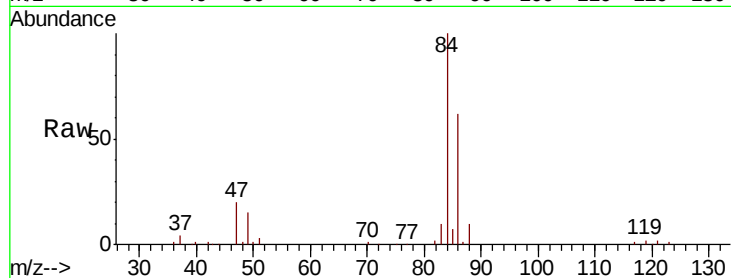




#25
Chloroform
Concen: 0.517 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014038.D
Acq: 15 Nov 2019 14:01

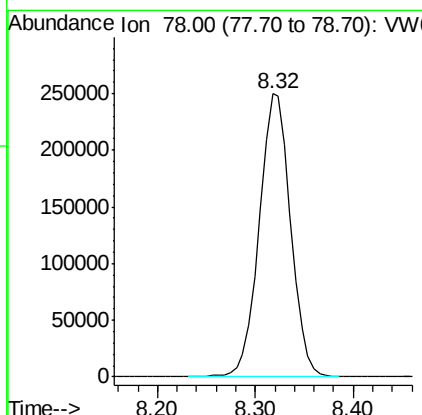
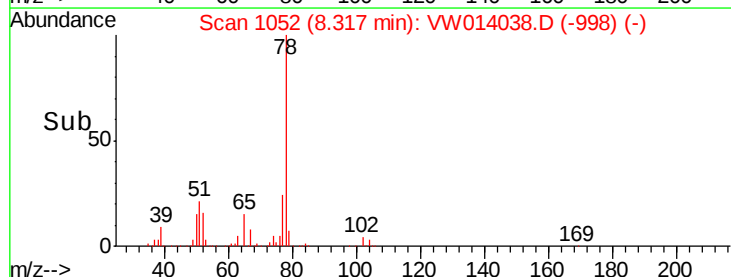
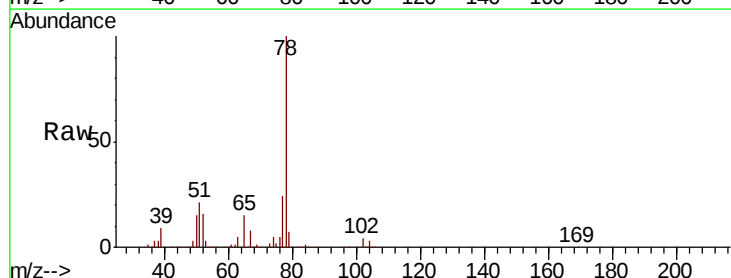
Instrument :
MSVOA_W
ClientSampled :

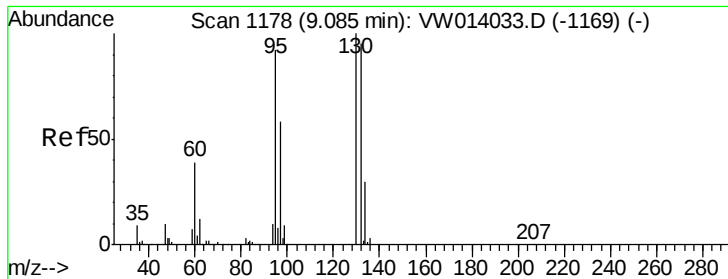
Tot Ion: 83 Resp: 5255
Ion Ratio Lower Upper
83 100
85 47.5 46.1 85.7



#34
Benzene
Concen: 23.653 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014038.D
Acq: 15 Nov 2019 14:01

Tgt Ion: 78 Resp: 560328





#35

Trichloroethene

Concen: 22.390 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014038.D

Acq: 15 Nov 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 141487

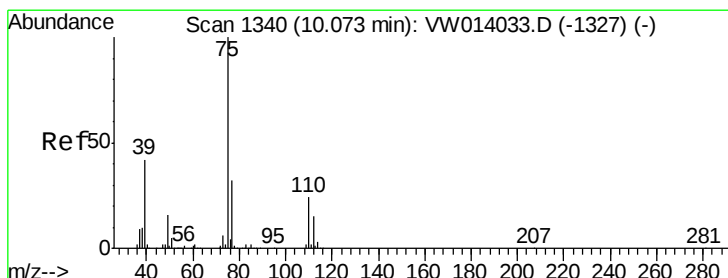
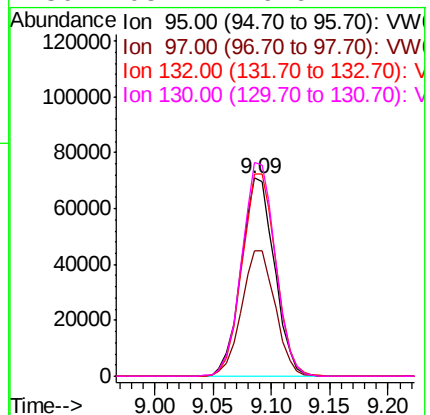
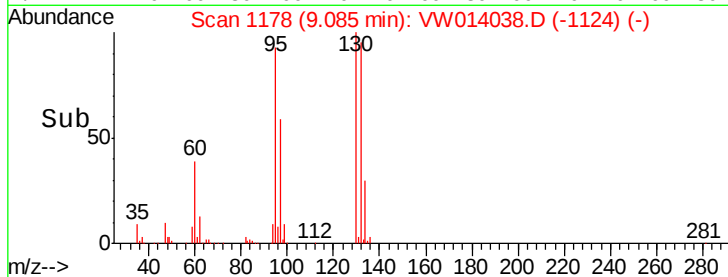
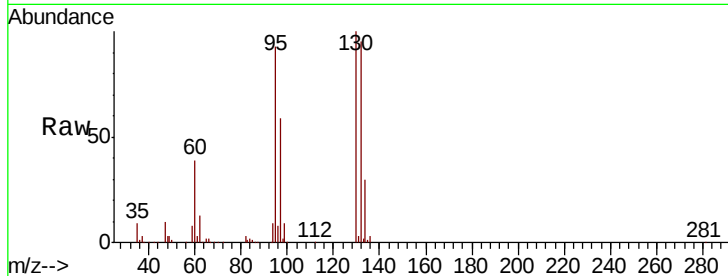
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.9

132 103.7 73.7 136.9

130 108.2 76.6 142.2



#42

cis-1,3-Dichloropropene

Concen: 0.438 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014038.D

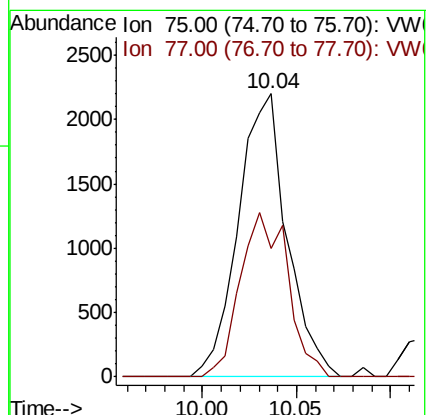
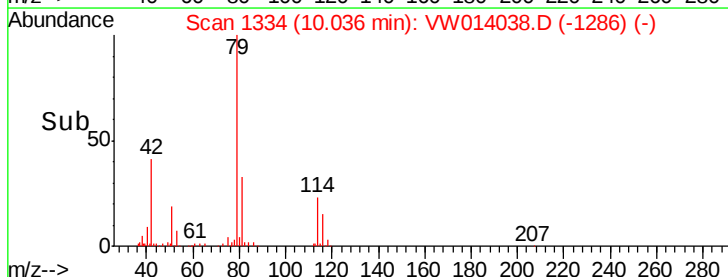
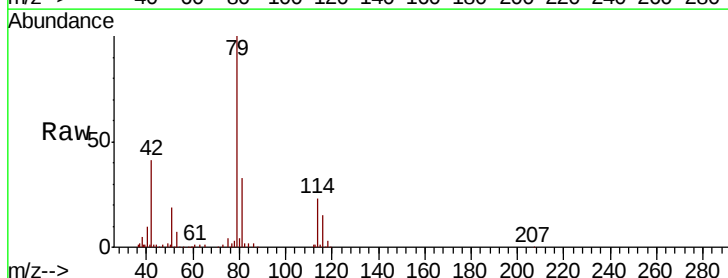
Acq: 15 Nov 2019 14:01

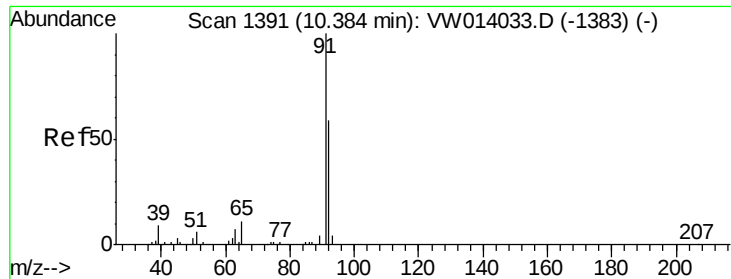
Tgt Ion: 75 Resp: 3940

Ion Ratio Lower Upper

75 100

77 45.6 22.1 41.1#





#44

Toluene

Concen: 22.788 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014038.D

Acq: 15 Nov 2019 14:01

Instrument :

MSVOA_W

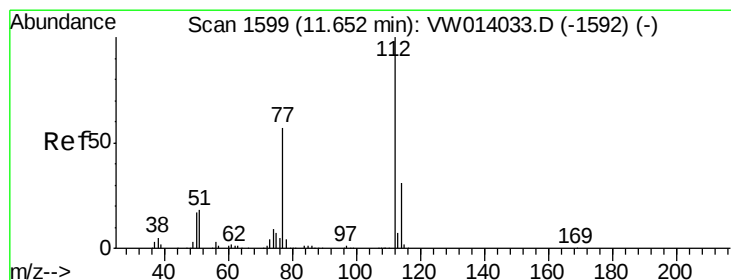
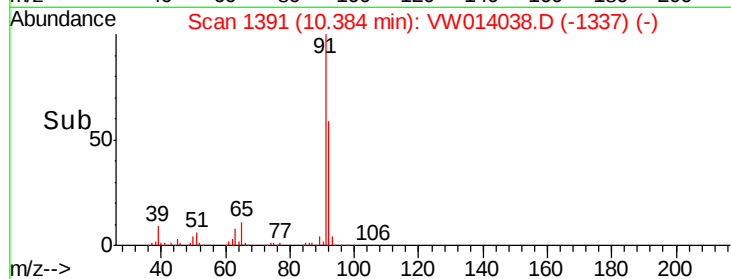
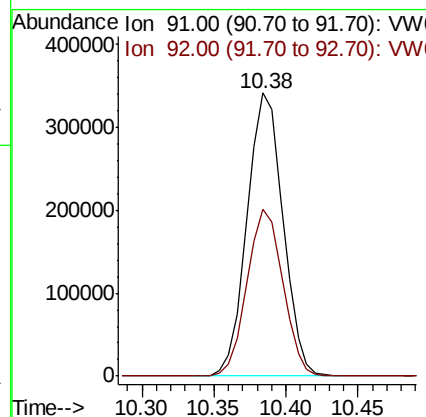
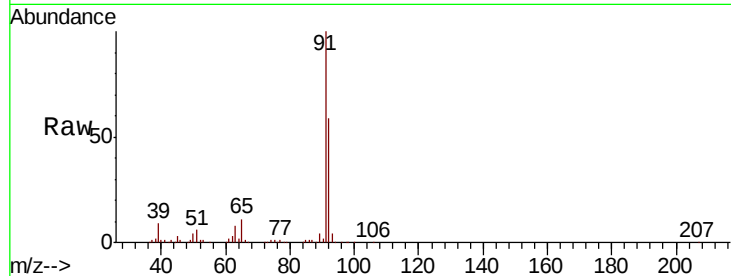
ClientSampleId :

Tot Ion: 91 Resp: 588576

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.7



#52

Chlorobenzene

Concen: 22.388 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW014038.D

Acq: 15 Nov 2019 14:01

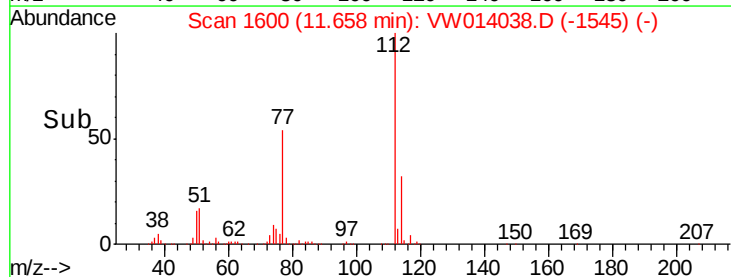
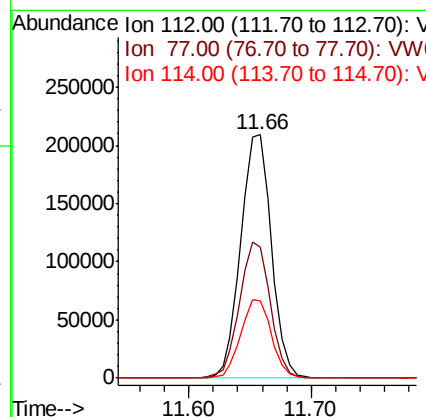
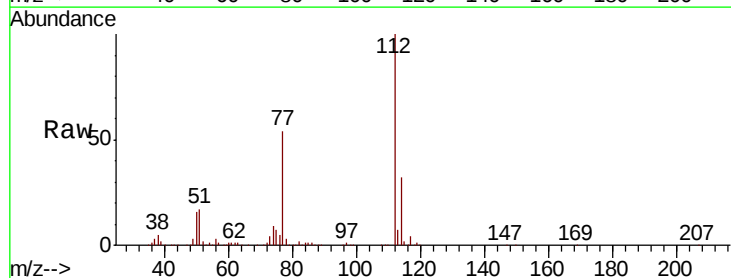
Tgt Ion: 112 Resp: 362501

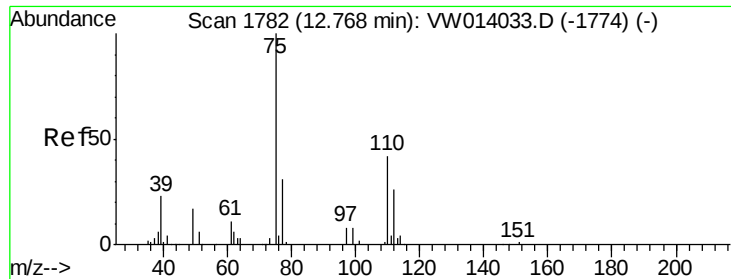
Ion Ratio Lower Upper

112 100

77 53.9 42.2 63.4

114 31.9 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 4.274 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014038.D

Acq: 15 Nov 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 15726

Ion Ratio Lower Upper

75 100

77 36.2 25.9 38.9

