

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081120\
 Data File : VW016130.D
 Acq On : 11 Aug 2020 12:49
 Operator : SY/VA
 Sample : L3598-06
 Misc : 5.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY64

Quant Time: Aug 11 16:09:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	399136	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331579	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99998	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119932	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.96%
7) Chloroethane-d5	2.89	69	88741	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.52%
10) 1,1-Dichloroethene-d2	4.01	63	189919	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.28%
20) 2-Butanone-d5	7.09	46	82422	63.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.60%
24) Chloroform-d	7.65	84	257080	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.31	65	150457	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.27	84	496964	27.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.20%
33) 1,2-Dichloropropane-d6	9.27	67	149540	28.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.76%
37) Toluene-d8	10.32	98	419214	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.36%
38) trans-1,3-Dichloropropene-	10.58	79	66269	27.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.20%
39) 2-Hexanone-d5	10.93	63	65858	71.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.94%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126759	29.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	89412	25.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.88%

Target Compounds

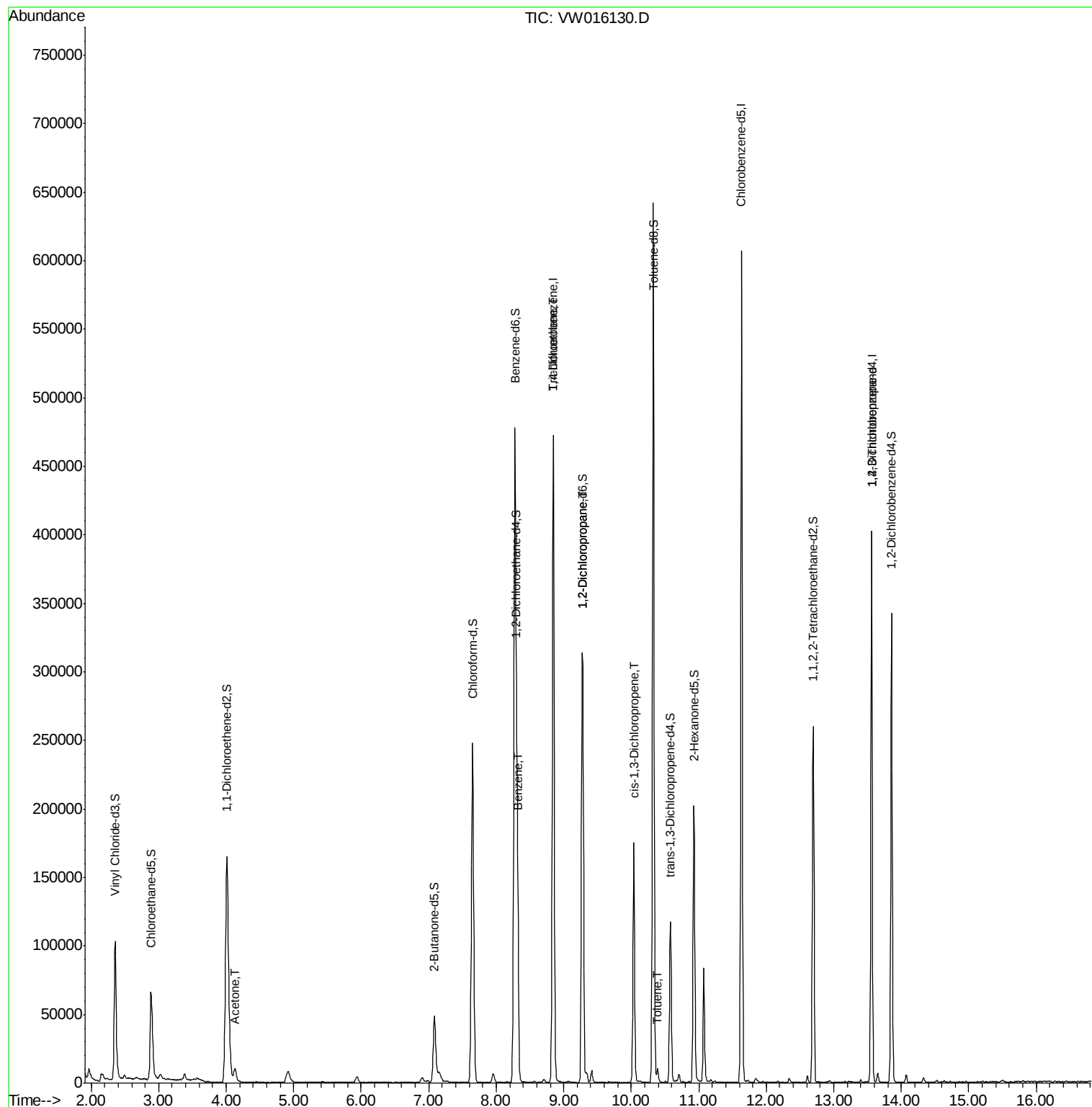
					Qvalue
13) Acetone	4.14	43	17155	17.415 ug/L	95
34) Benzene	8.32	78	9321	0.487 ug/L	100
35) Trichloroethene	8.85	95	11935	2.321 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	16653	3.547 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	4703	0.658 ug/L #	68
44) Toluene	10.39	91	6699	0.332 ug/L	84
59) 1,2,3-Trichloropropane	13.56	75	12963	3.968 ug/L	92

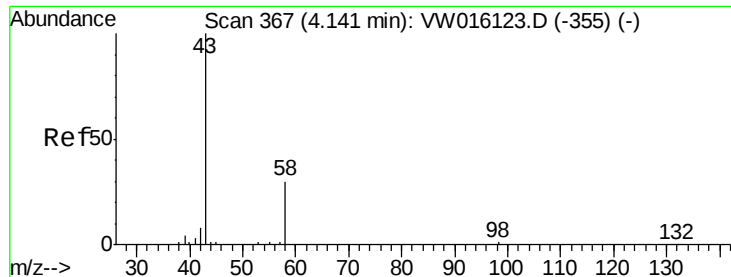
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 17.415 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016130.D

Acq: 11 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

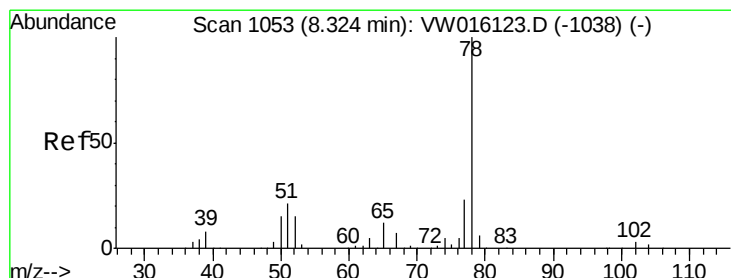
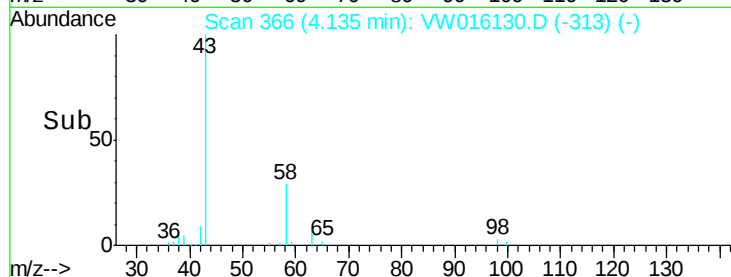
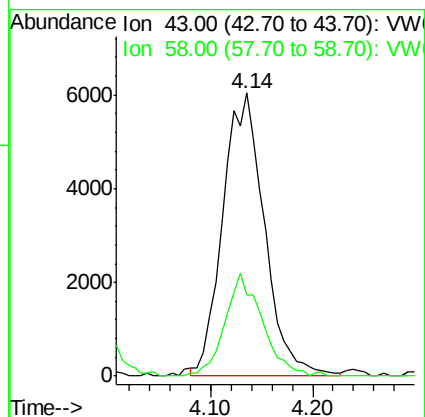
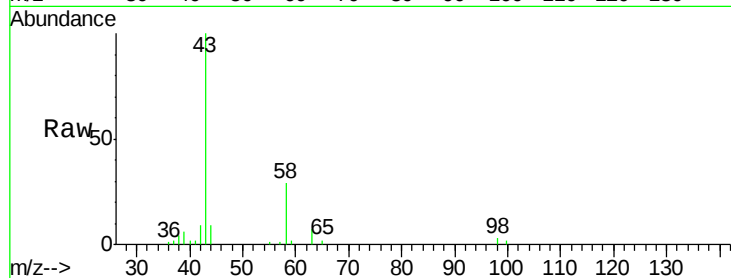
GAY64

Tgt Ion: 43 Resp: 17155

Ion Ratio Lower Upper

43 100

58 32.3 0.0 59.4



#34

Benzene

Concen: 0.487 ug/L

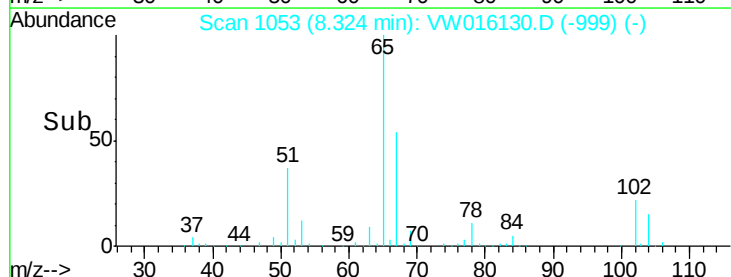
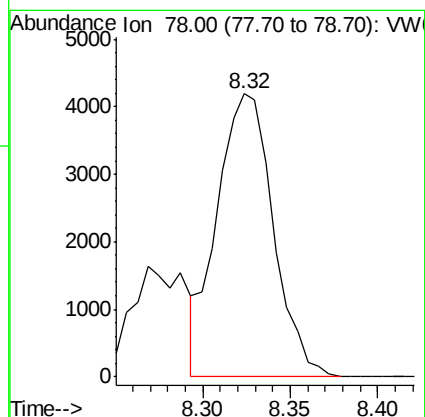
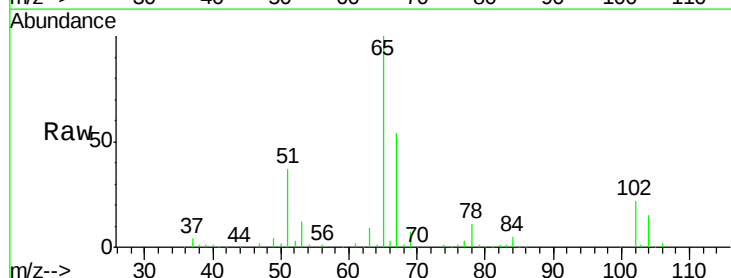
RT: 8.32 min Scan# 1053

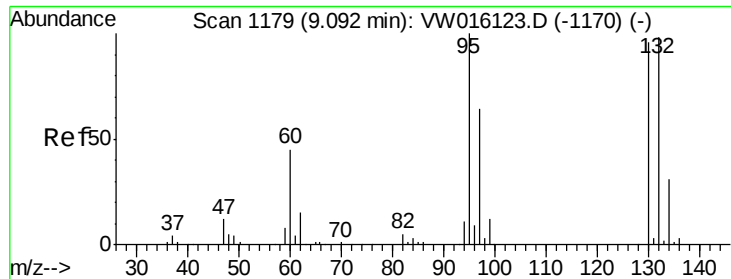
Delta R.T. 0.00 min

Lab File: VW016130.D

Acq: 11 Aug 2020 12:49

Tgt Ion: 78 Resp: 9321

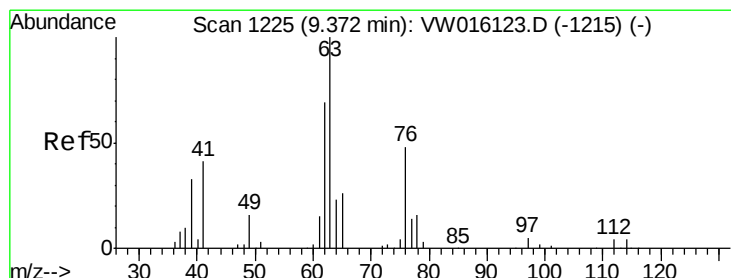
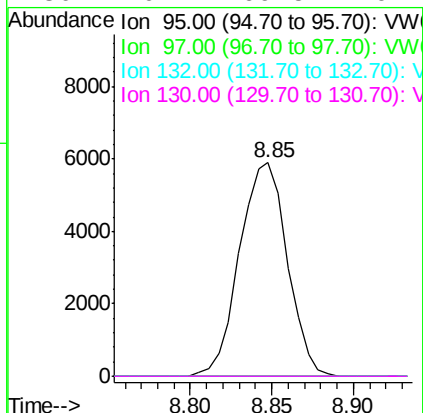
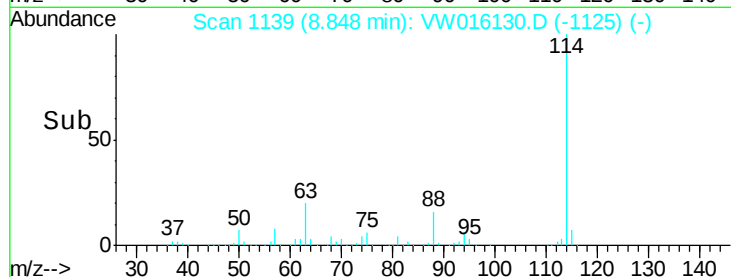
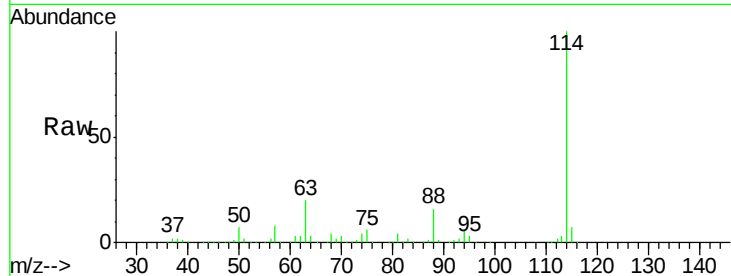




#35
 Trichloroethene
 Concen: 2.321 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW016130.D
 Acq: 11 Aug 2020 12:49

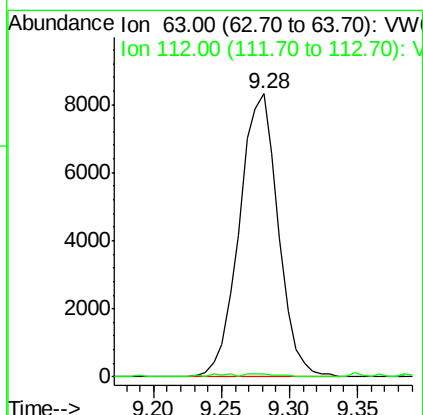
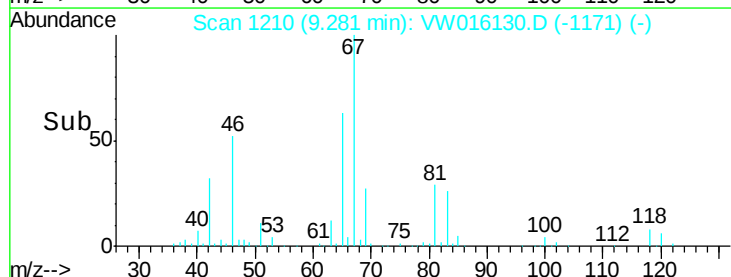
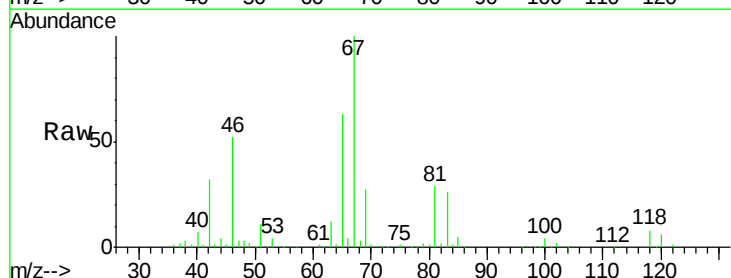
Instrument :
 MSVOA_W
 ClientSampled :
 GAY64

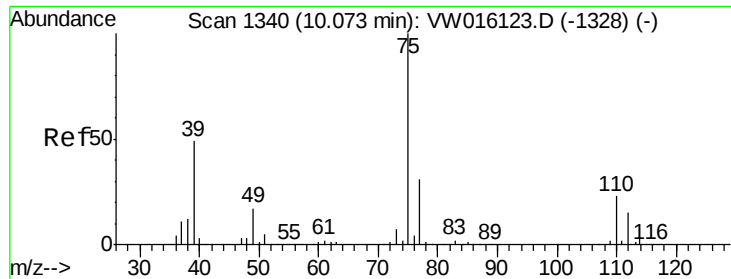
Tgt Ion: 95 Resp: 11935
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.3#
 132 0.0 65.8 122.2#
 130 0.7 69.5 129.1#



#40
 1,2-Dichloropropane
 Concen: 3.547 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016130.D
 Acq: 11 Aug 2020 12:49

Tgt Ion: 63 Resp: 16653
 Ion Ratio Lower Upper
 63 100
 112 0.9 4.0 6.0#

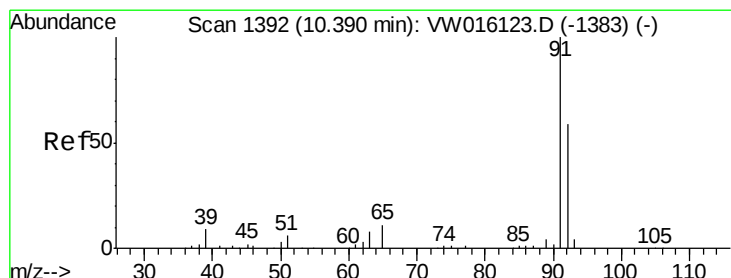
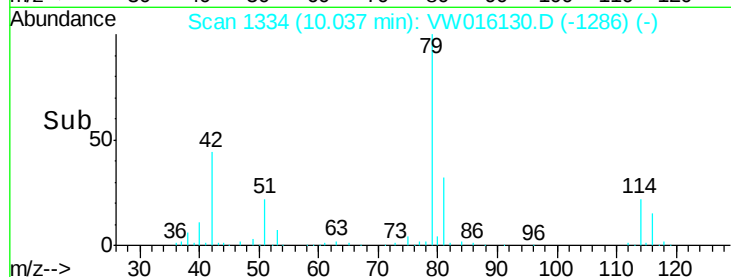
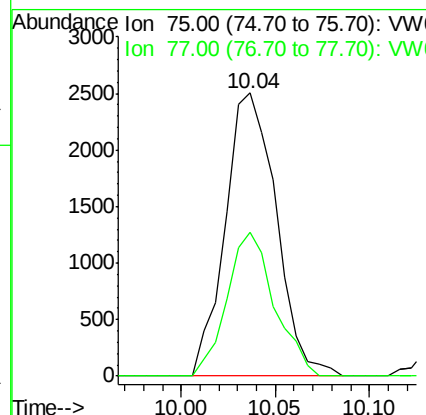
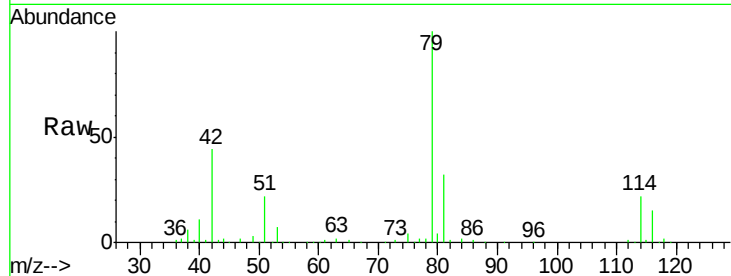




#42
 cis-1,3-Dichloropropene
 Concen: 0.658 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016130.D
 Acq: 11 Aug 2020 12:49

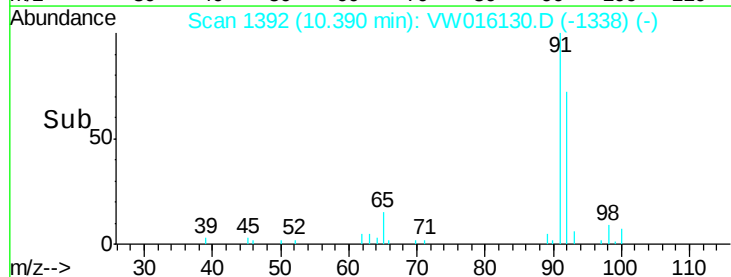
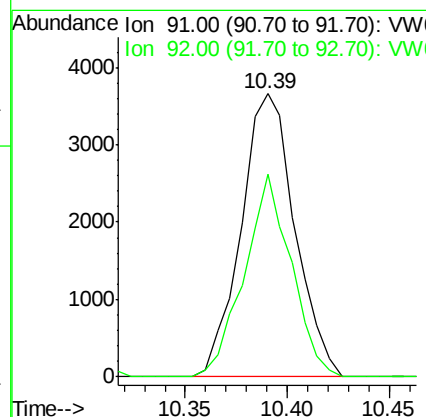
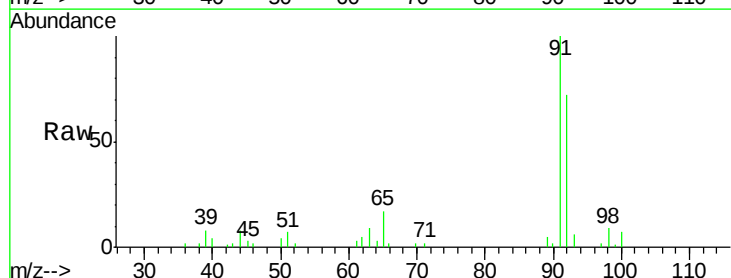
Instrument :
 MSVOA_W
 ClientSampled :
 GAY64

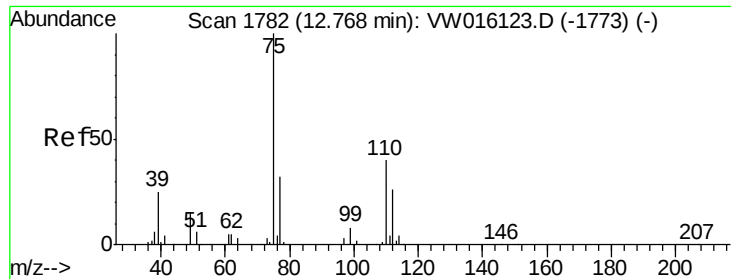
Tgt Ion: 75 Resp: 4703
 Ion Ratio Lower Upper
 75 100
 77 50.8 22.9 42.5#



#44
 Toluene
 Concen: 0.332 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW016130.D
 Acq: 11 Aug 2020 12:49

Tgt Ion: 91 Resp: 6699
 Ion Ratio Lower Upper
 91 100
 92 71.5 41.8 77.6





#59

1,2,3-Trichloropropane

Concen: 3.968 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016130.D

Acq: 11 Aug 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

GAY64

Tgt Ion: 75 Resp: 12963

Ion Ratio Lower Upper

75 100

77 36.9 25.9 38.9

