

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014950.D
 Acq On : 10 Feb 2020 18:29
 Operator : SY/VA
 Sample : L1416-07
 Misc : 3.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:34:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	815939	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	749100	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	267514	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	256385	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
7) Chloroethane-d5	2.89	69	261221	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.60%
10) 1,1-Dichloroethene-d2	3.82	63	100	0.00	ug/L	-0.20
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	7.07	46	164730	43.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.90%
24) Chloroform-d	7.65	84	611587	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	8.57	65	53	0.00	ug/L	0.27
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.00%#
29) Benzene-d6	8.27	84	1202448	24.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.84%
33) 1,2-Dichloropropane-d6	9.27	67	429863	27.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.52%
37) Toluene-d8	10.32	98	1007489	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.04%
38) trans-1,3-Dichloropropene-	10.57	79	130294	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.08%
39) 2-Hexanone-d5	10.92	63	110943	38.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	248965	21.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	272733	26.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.16%

Target Compounds

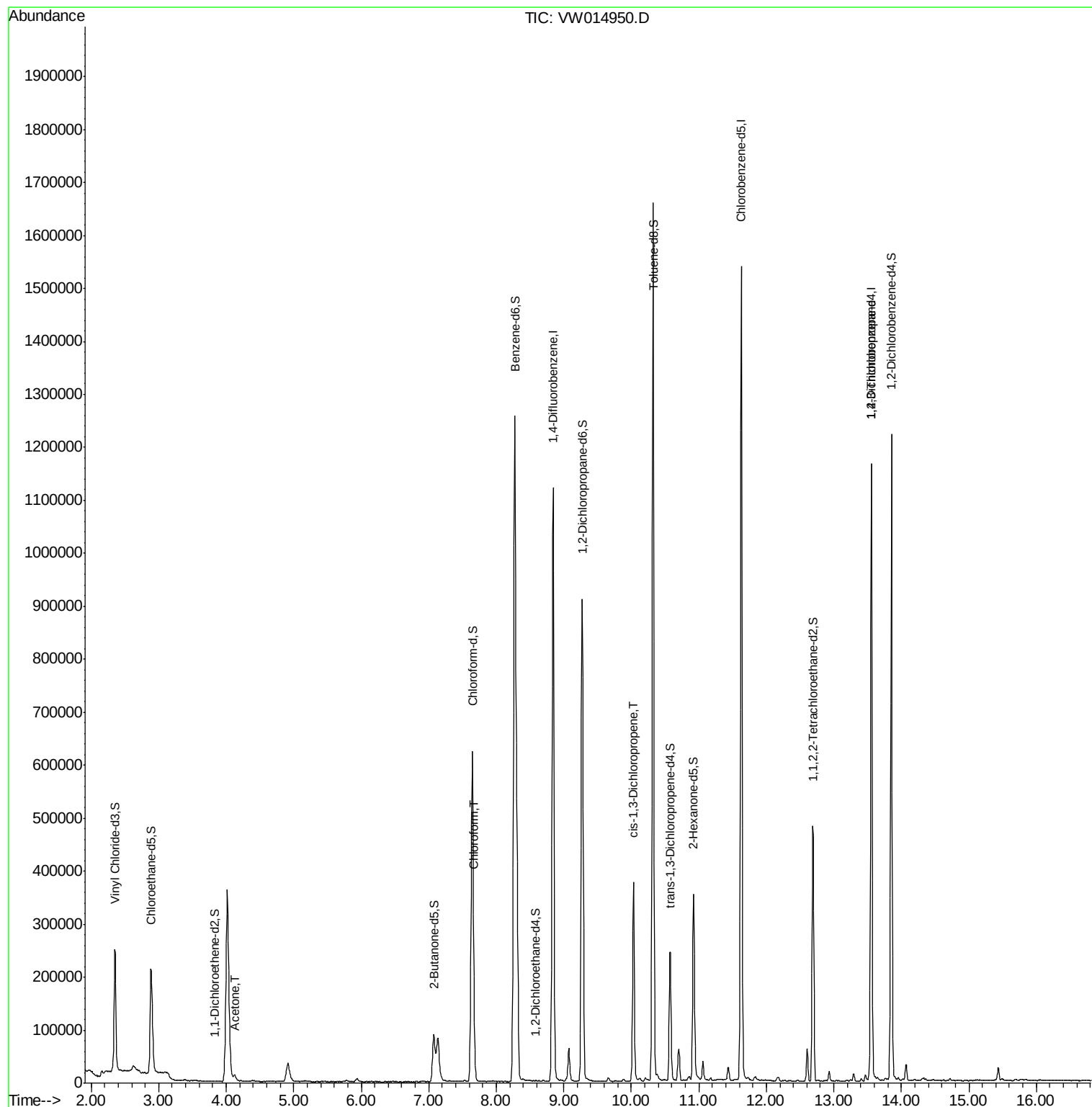
					Ovalue
13) Acetone	4.12	43	19391	4.956 ug/L	64
25) Chloroform	7.67	83	20374	0.934 ug/L #	61
42) cis-1,3-Dichloropropene	10.04	75	8965	0.458 ug/L #	60
59) 1,2,3-Trichloropropane	13.55	75	42480	4.985 ug/L	92

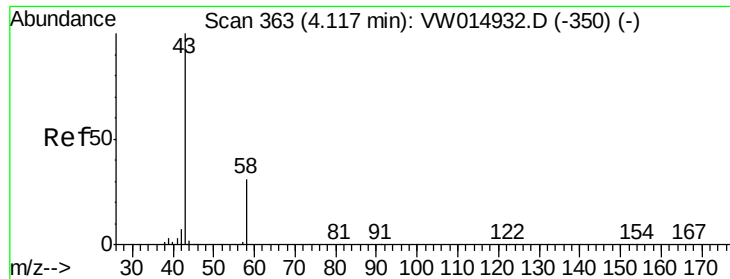
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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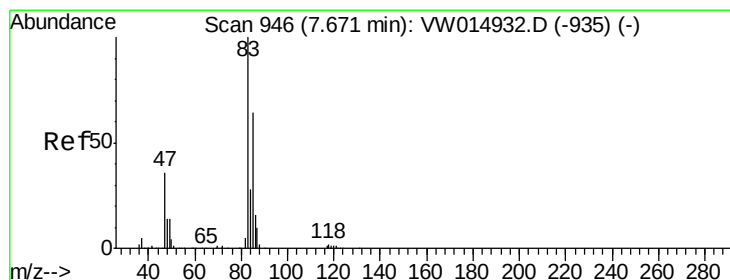
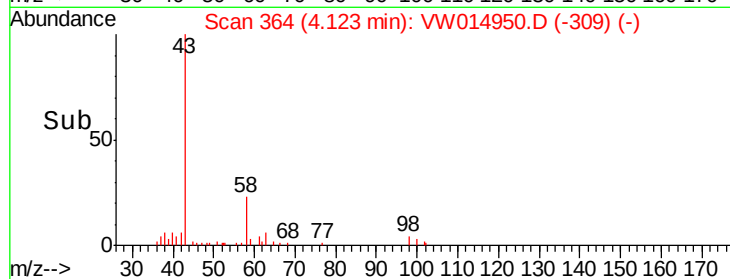
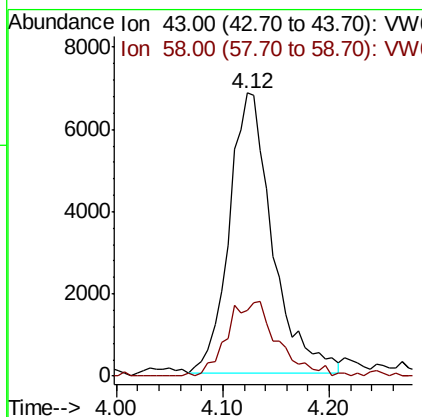
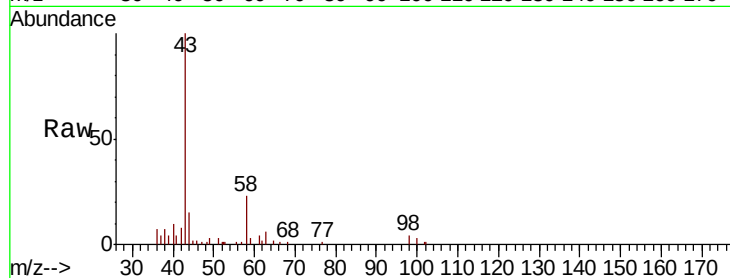




#13
Acetone
Concen: 4.956 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014950.D
Acq: 10 Feb 2020 18:29

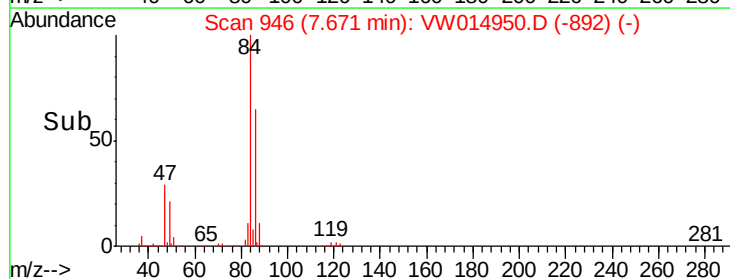
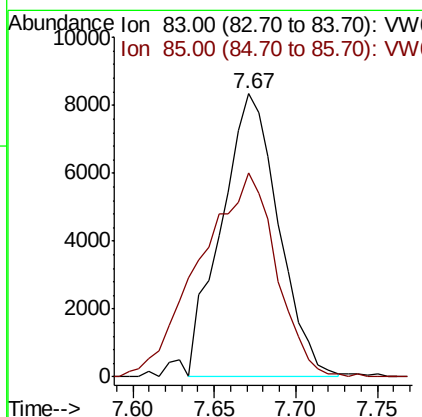
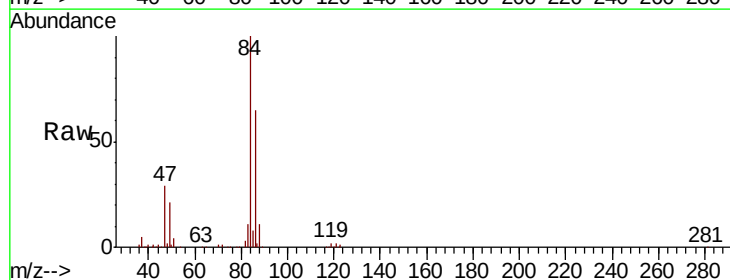
Instrument :
MSVOA_W
ClientSampleId :

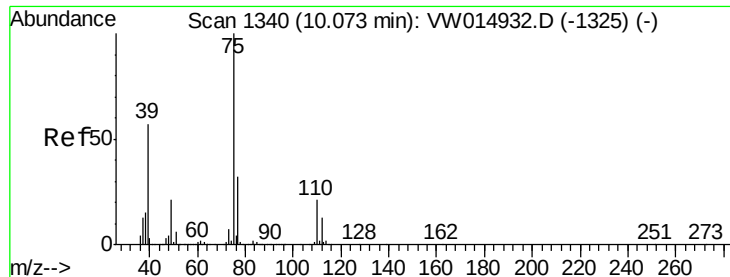
Tot Ion: 43 Resp: 19391
Ion Ratio Lower Upper
43 100
58 10.9 0.0 60.4



#25
Chloroform
Concen: 0.934 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014950.D
Acq: 10 Feb 2020 18:29

Tgt Ion: 83 Resp: 20374
Ion Ratio Lower Upper
83 100
85 95.7 45.4 84.4#





#42

cis-1,3-Dichloropropene

Concen: 0.458 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014950.D

Acq: 10 Feb 2020 18:29

Instrument :

MSVOA_W

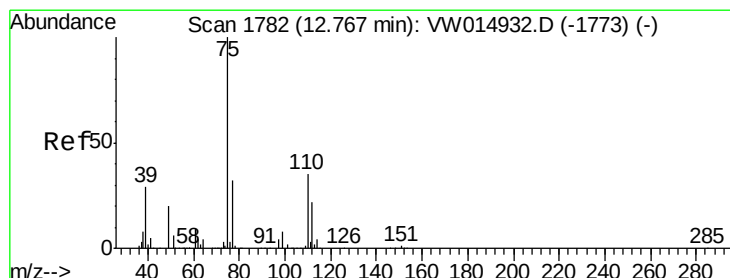
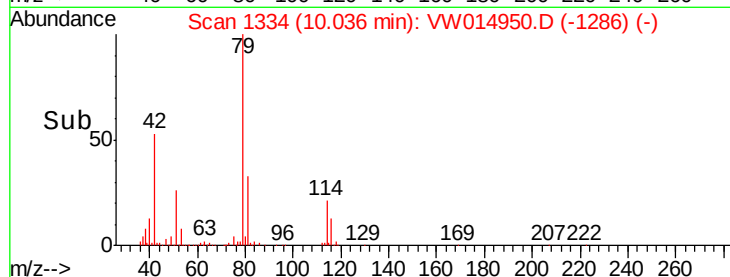
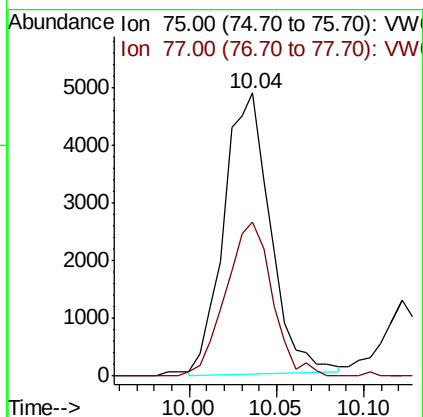
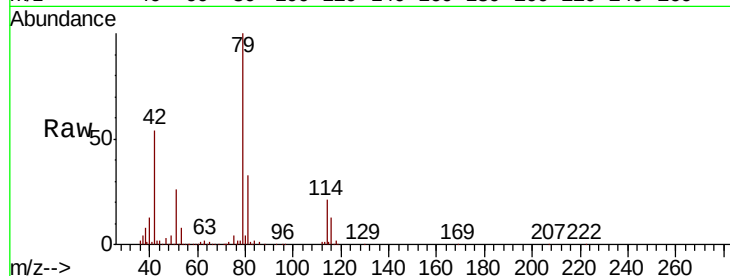
ClientSampleId :

Tot Ion: 75 Resp: 8965

Ion Ratio Lower Upper

75 100

77 54.7 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 4.985 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014950.D

Acq: 10 Feb 2020 18:29

Tgt Ion: 75 Resp: 42480

Ion Ratio Lower Upper

75 100

77 36.7 25.9 38.9

