

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014942.D
 Acq On : 10 Feb 2020 15:00
 Operator : SY/VA
 Sample : L1415-18
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:34:14 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	748309	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	696926	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	248586	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	228564	18.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.80%
7) Chloroethane-d5	2.89	69	229448	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.02	63	369948	16.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.36%
20) 2-Butanone-d5	7.07	46	140678	40.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.92%
24) Chloroform-d	7.65	84	548801	25.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.32%
26) 1,2-Dichloroethane-d4	8.31	65	304601	25.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.64%
29) Benzene-d6	8.27	84	1066462	23.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.20%
33) 1,2-Dichloropropane-d6	9.27	67	376579	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.32	98	893130	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.57	79	112621	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.12%
39) 2-Hexanone-d5	10.92	63	94195	35.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	228432	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	243759	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds

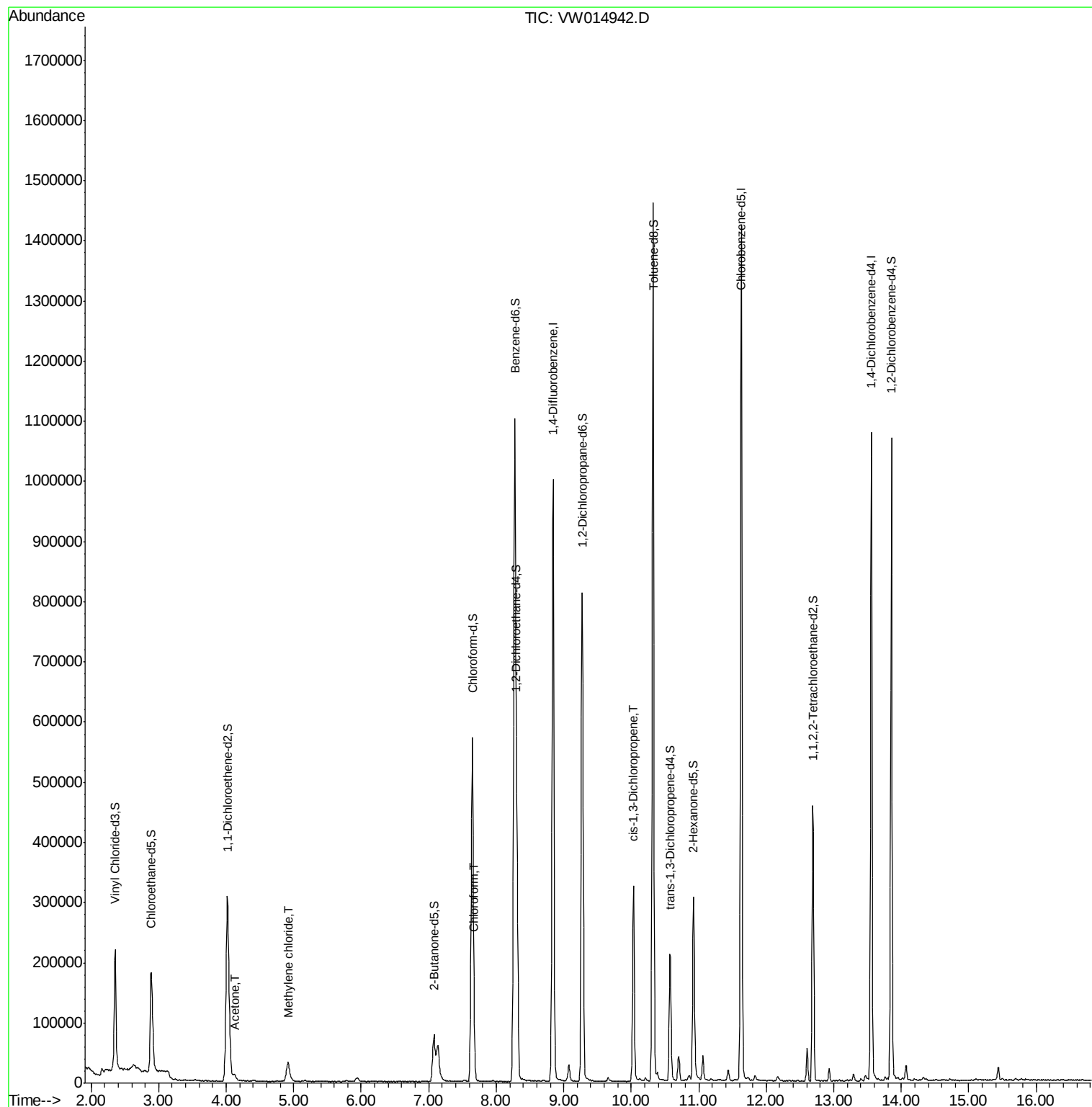
					Ovalue
13) Acetone	4.13	43	17307	4.823 ug/L	78
16) Methylene chloride	4.92	84	22996	1.687 ug/L	92
25) Chloroform	7.68	83	8810	0.440 ug/L #	18
42) cis-1,3-Dichloropropene	10.03	75	8458	0.464 ug/L #	79

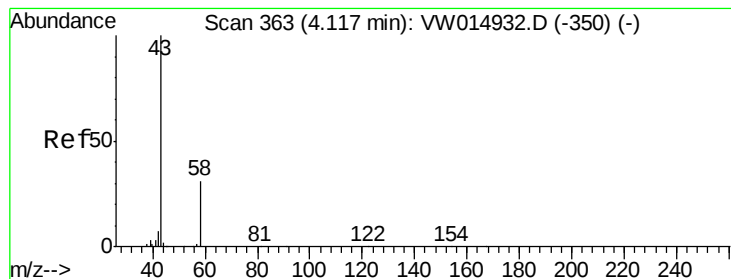
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 4.823 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014942.D

Acq: 10 Feb 2020 15:00

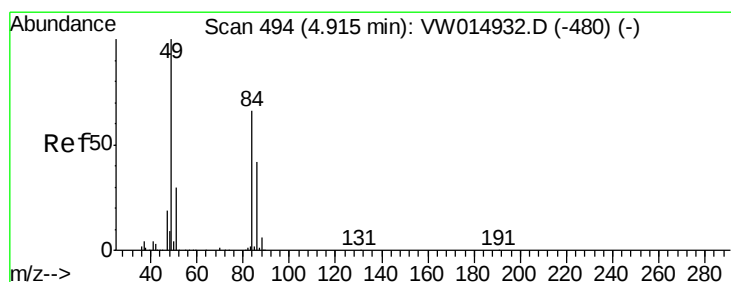
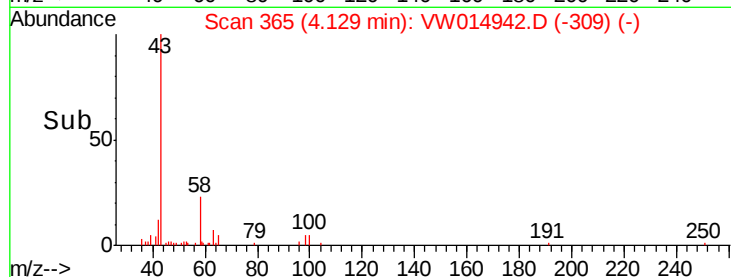
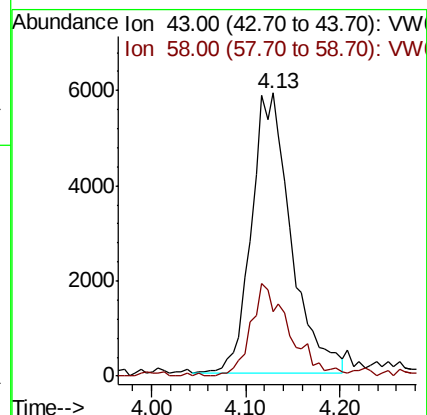
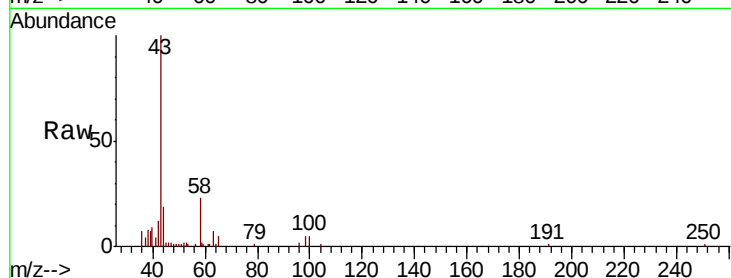
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 17307

Ion Ratio Lower Upper

43 100

58 18.3 0.0 60.4



#16

Methylene chloride

Concen: 1.687 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014942.D

Acq: 10 Feb 2020 15:00

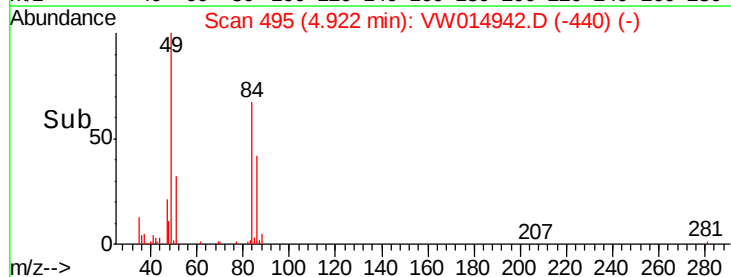
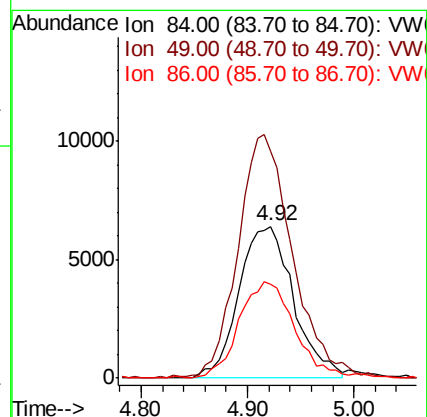
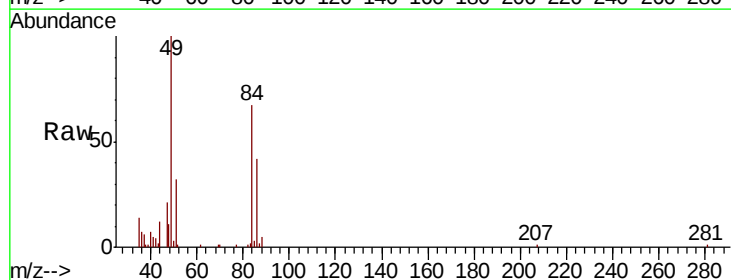
Tgt Ion: 84 Resp: 22996

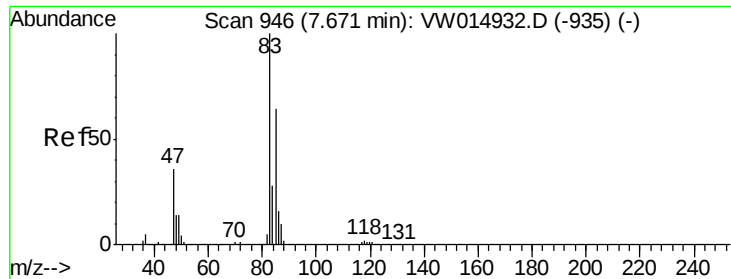
Ion Ratio Lower Upper

84 100

49 149.3 95.8 177.8

86 62.1 44.2 82.2

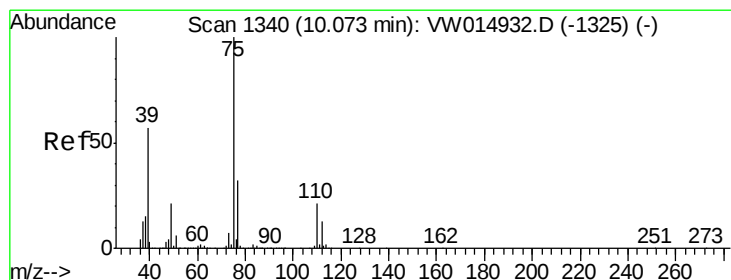
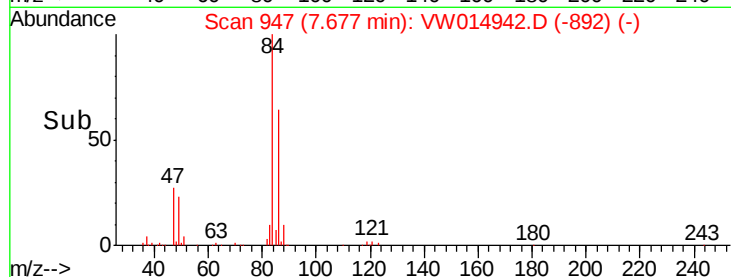
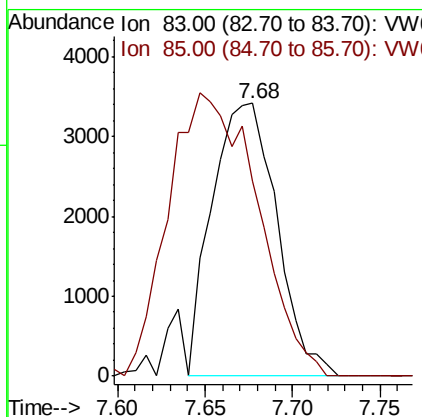
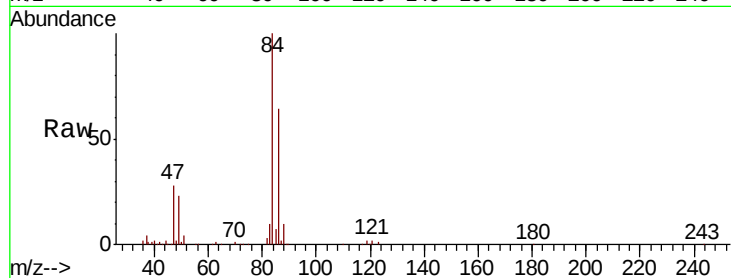




#25
Chloroform
Concen: 0.440 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
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Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 8810
Ion Ratio Lower Upper
83 100
85 0.0 45.4 84.4#



#42
cis-1,3-Dichloropropene
Concen: 0.464 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014942.D
Acq: 10 Feb 2020 15:00

Tgt Ion: 75 Resp: 8458
Ion Ratio Lower Upper
75 100
77 43.7 22.5 41.9#

