

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014947.D
 Acq On : 10 Feb 2020 17:11
 Operator : SY/VA
 Sample : L1416-04
 Misc : 4.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:34:43 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	799183	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	740983	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264172	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	196243	14.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.32%
7) Chloroethane-d5	2.89	69	195993	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.00%
10) 1,1-Dichloroethene-d2	4.01	63	313856	12.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.92%
20) 2-Butanone-d5	7.08	46	134144	36.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.26%
24) Chloroform-d	7.65	84	470148	20.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.88%
26) 1,2-Dichloroethane-d4	8.31	65	269482	21.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.84%
29) Benzene-d6	8.27	84	898047	18.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.40%
33) 1,2-Dichloropropane-d6	9.27	67	325731	20.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.92%
37) Toluene-d8	10.32	98	737156	17.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.32%
38) trans-1,3-Dichloropropene-	10.57	79	98636	16.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.36%
39) 2-Hexanone-d5	10.92	63	86693	30.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	208029	17.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	206454	20.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.60%

Target Compounds

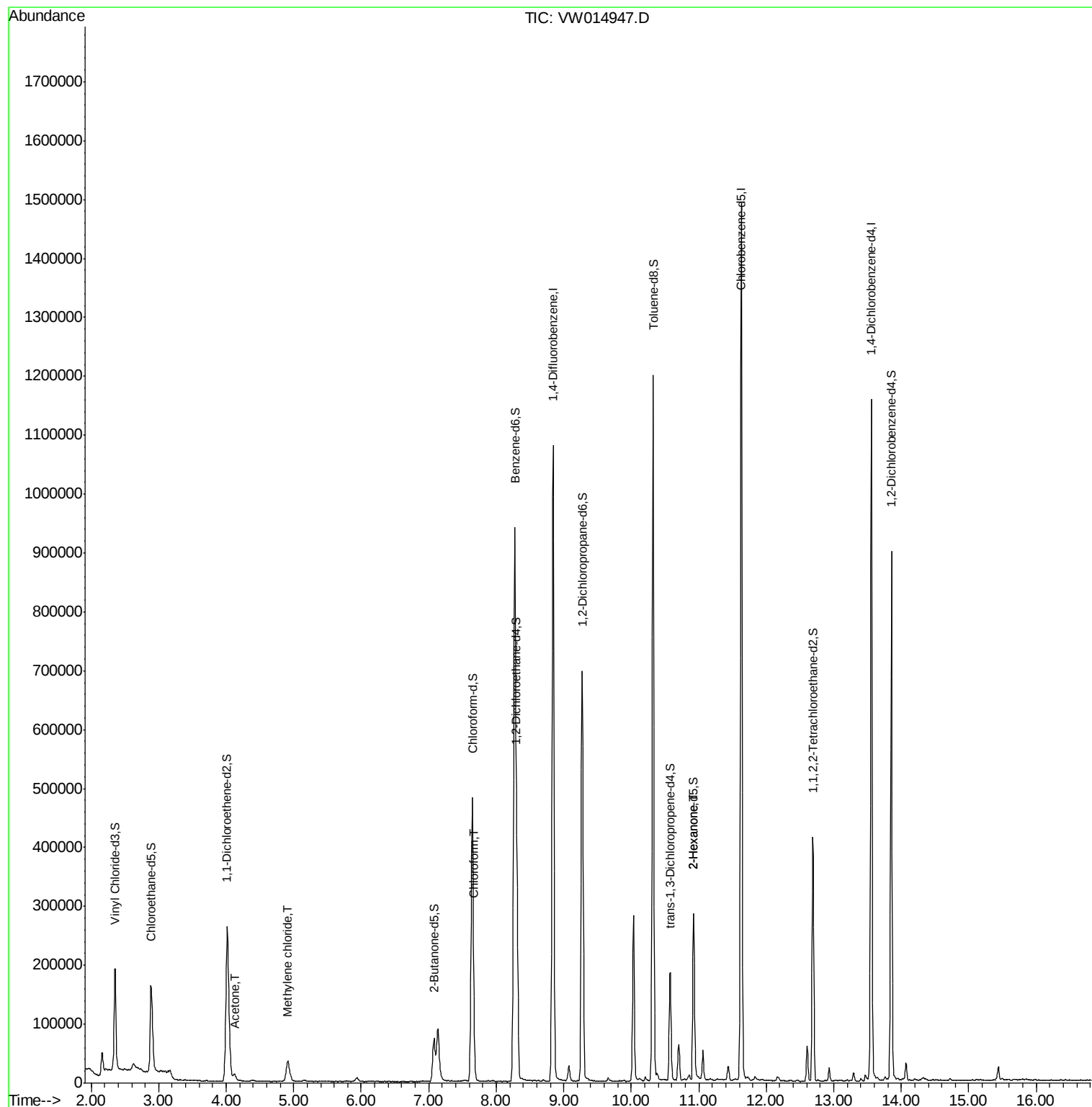
					Ovalue
13) Acetone	4.13	43	18415	4.805 ug/L	98
16) Methylene chloride	4.91	84	26727	1.836 ug/L	91
25) Chloroform	7.67	83	8781	0.411 ug/L #	18
49) 2-Hexanone	10.92	43	15128	2.409 ug/L #	68

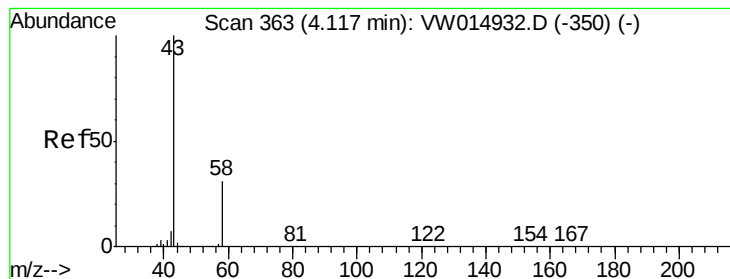
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Feb 11 00:31:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.805 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014947.D

Acq: 10 Feb 2020 17:11

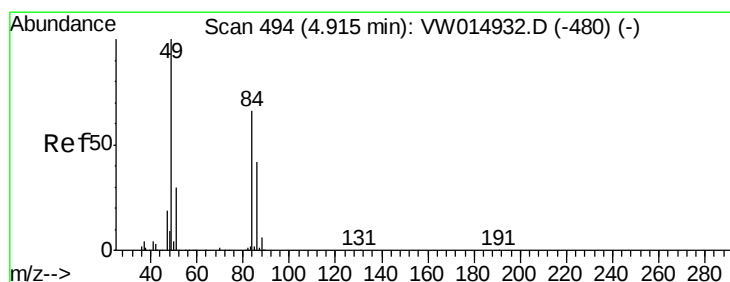
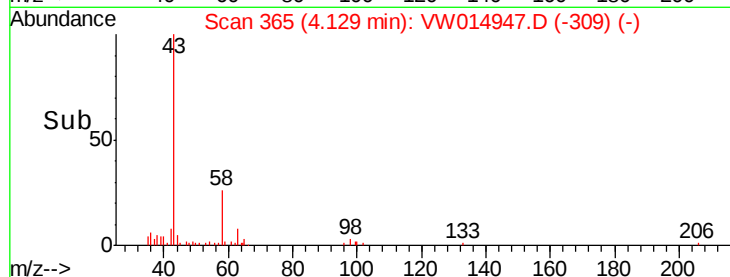
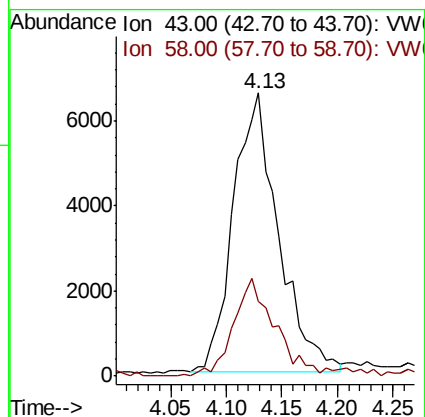
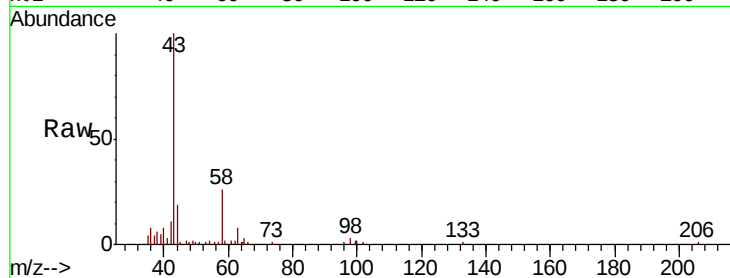
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 18415

Ion Ratio Lower Upper

43 100

58 29.0 0.0 60.4



#16

Methylene chloride

Concen: 1.836 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW014947.D

Acq: 10 Feb 2020 17:11

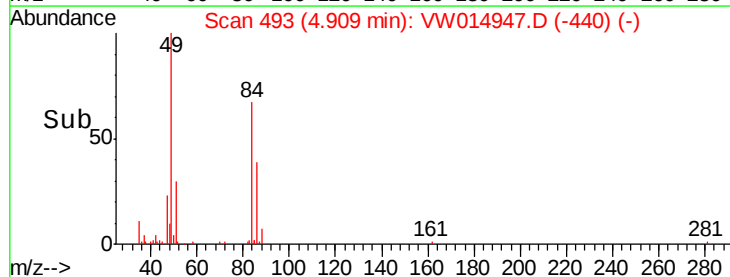
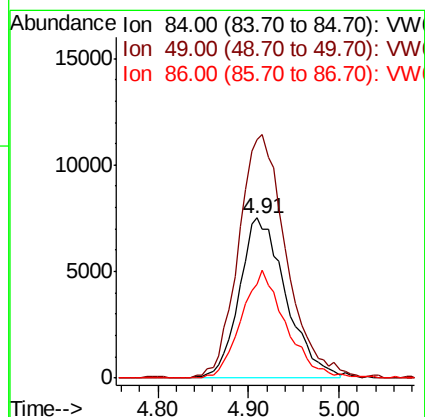
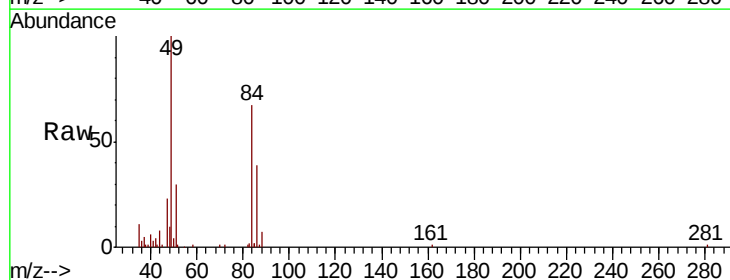
Tgt Ion: 84 Resp: 26727

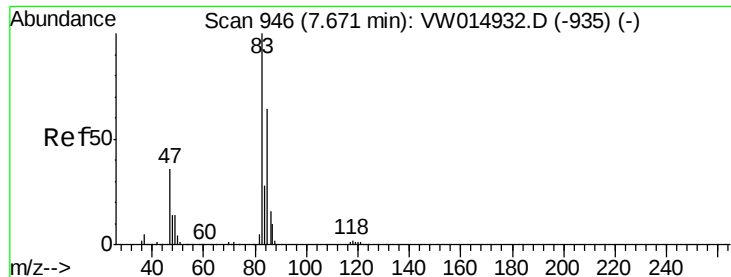
Ion Ratio Lower Upper

84 100

49 148.9 95.8 177.8

86 58.4 44.2 82.2





#25

Chloroform

Concen: 0.411 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

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Acq: 10 Feb 2020 17:11

Instrument :

MSVOA_W

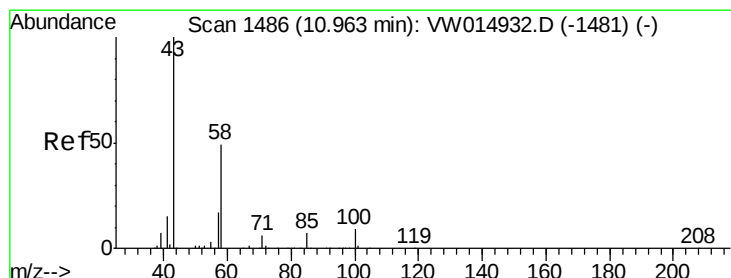
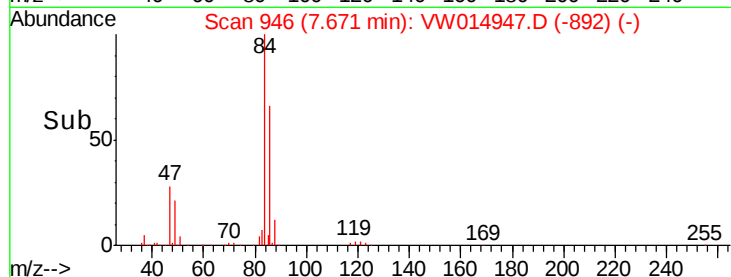
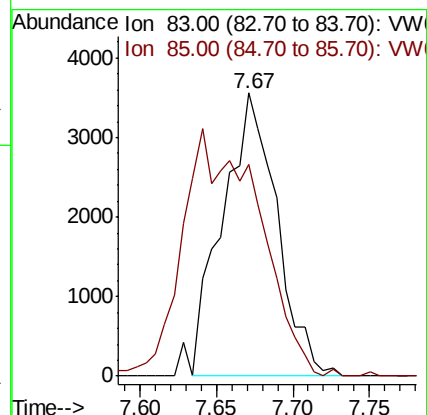
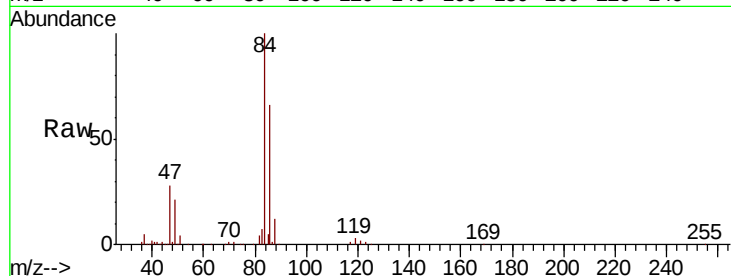
ClientSampleId :

Tot Ion: 83 Resp: 8781

Ion Ratio Lower Upper

83 100

85 0.4 45.4 84.4#



#49

2-Hexanone

Concen: 2.409 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014947.D

Acq: 10 Feb 2020 17:11

Tgt Ion: 43 Resp: 15128

Ion Ratio Lower Upper

43 100

58 28.9 42.2 63.2#

57 32.7 14.5 21.7#

100 2.5 8.6 12.8#

