

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014046.D
 Acq On : 15 Nov 2019 17:32
 Operator : SY/VA
 Sample : K5855-04
 Misc : 9.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:09:33 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	328889	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	186333	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106778	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
7) Chloroethane-d5	2.89	69	95571	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
10) 1,1-Dichloroethene-d2	4.01	63	173676	16.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.52%
20) 2-Butanone-d5	7.07	46	93795	61.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.06%
24) Chloroform-d	7.64	84	259152	25.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.52%
26) 1,2-Dichloroethane-d4	8.30	65	146430	28.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.20%
29) Benzene-d6	8.27	84	551629	23.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.60%
33) 1,2-Dichloropropane-d6	9.27	67	170909	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.32	98	509537	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.12%
38) trans-1,3-Dichloropropene-	10.58	79	73064	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.96%
39) 2-Hexanone-d5	10.92	63	80050	62.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152218	29.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	194127	25.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.72%

Target Compounds

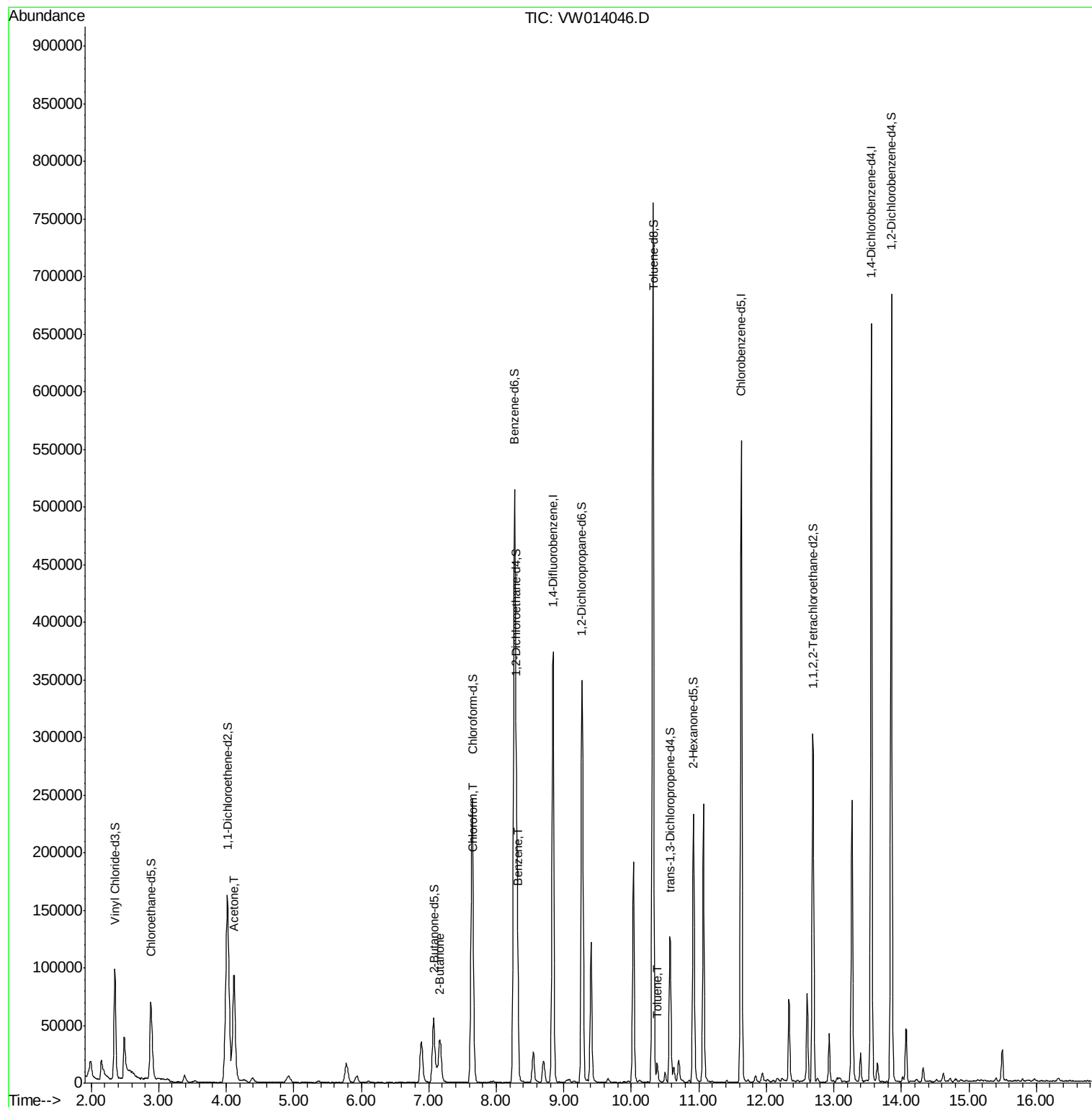
					Ovalue
13) Acetone	4.12	43	158542	102.205	ug/L 96
21) 2-Butanone	7.16	43	59015	29.612	ug/L 98
25) Chloroform	7.66	83	3409	0.356	ug/L 88
34) Benzene	8.32	78	24268	1.017	ug/L 100
44) Toluene	10.39	91	11614	0.447	ug/L 87

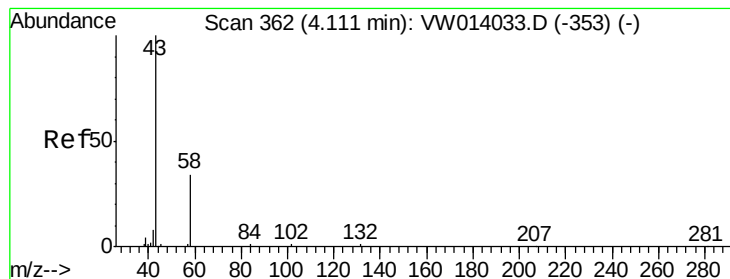
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 102.205 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014046.D

Acq: 15 Nov 2019 17:32

Instrument :

MSVOA_W

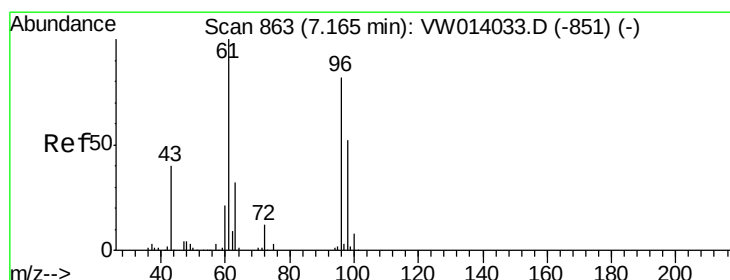
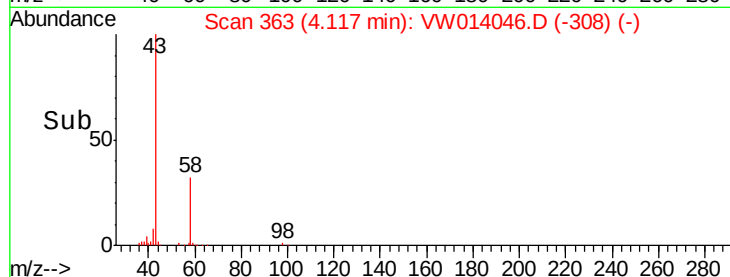
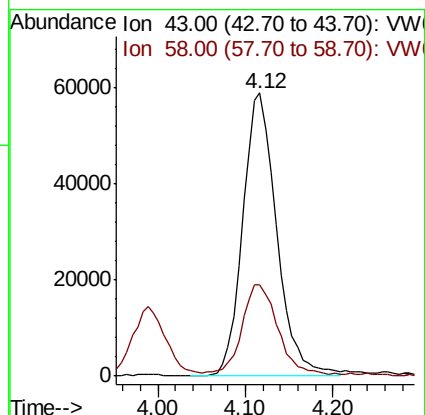
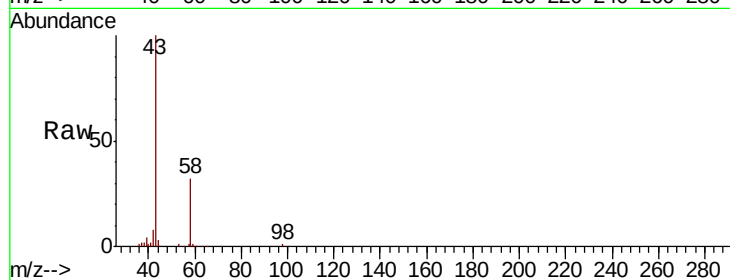
ClientSampleId :

Tot Ion: 43 Resp: 158542

Ion Ratio Lower Upper

43 100

58 34.9 0.0 65.4



#21

2-Butanone

Concen: 29.612 ug/L

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014046.D

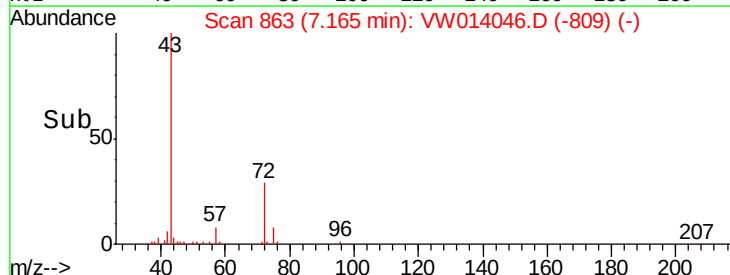
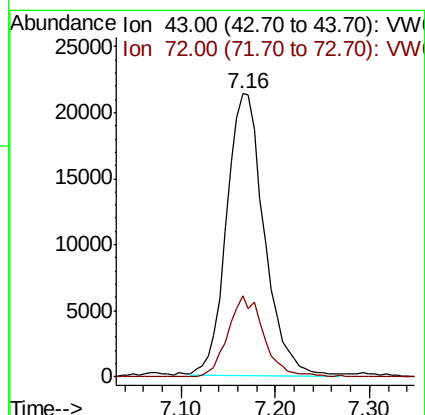
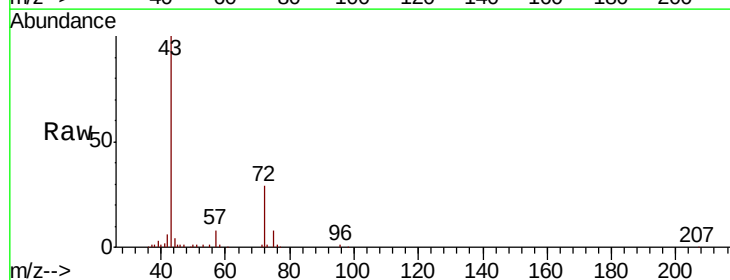
Acq: 15 Nov 2019 17:32

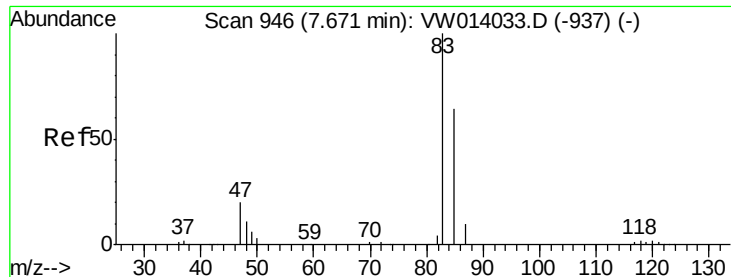
Tgt Ion: 43 Resp: 59015

Ion Ratio Lower Upper

43 100

72 27.1 14.1 42.2

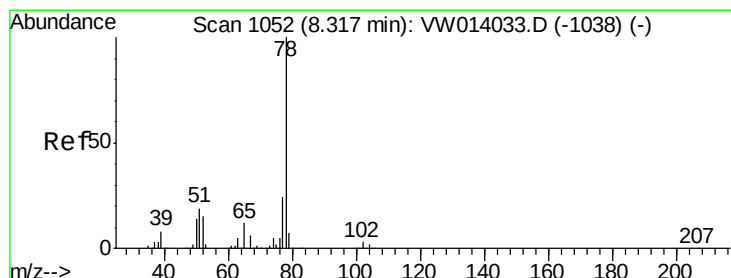
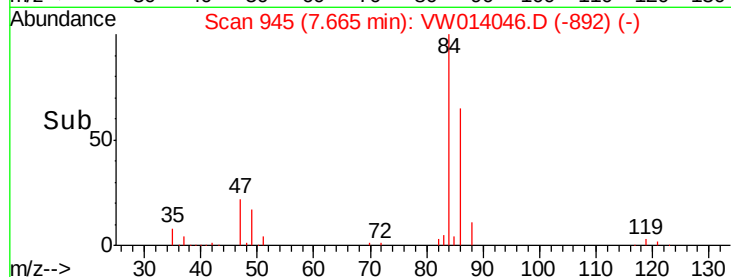
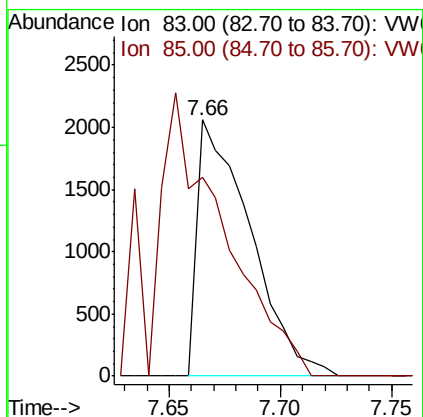
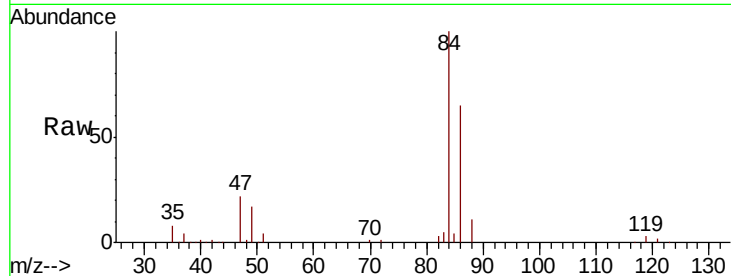




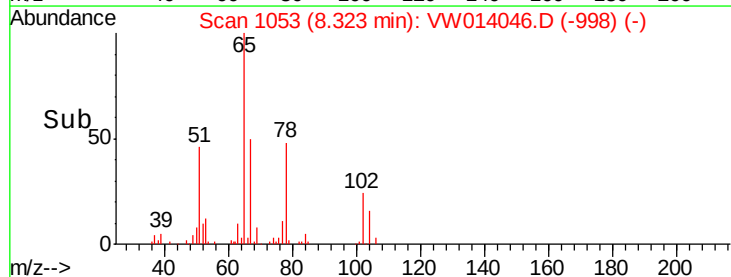
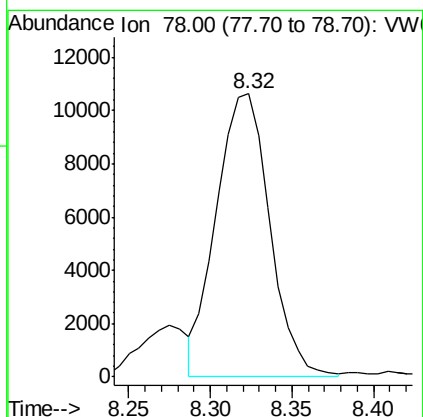
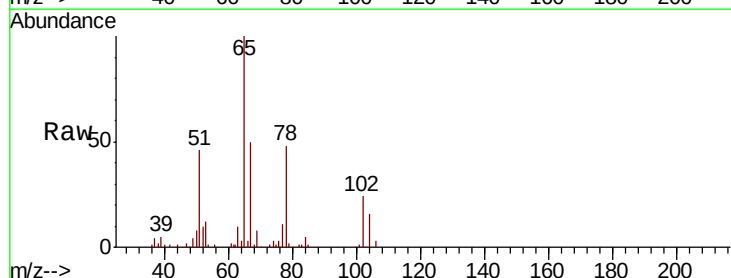
#25
Chloroform
Concen: 0.356 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
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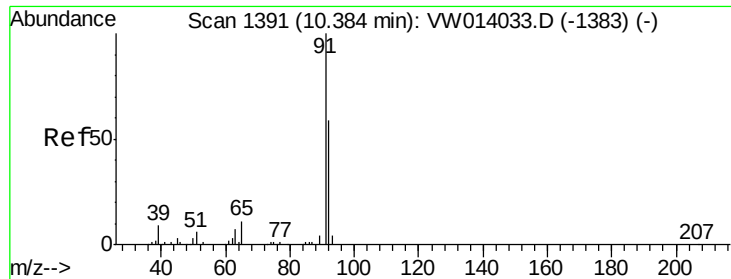
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 3409
Ion Ratio Lower Upper
83 100
85 56.8 46.1 85.7



#34
Benzene
Concen: 1.017 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW014046.D
Acq: 15 Nov 2019 17:32
Tgt Ion: 78 Resp: 24268





#44

Toluene

Concen: 0.447 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014046.D

Acq: 15 Nov 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 91 Resp: 11614

Ion Ratio Lower Upper

91 100

92 48.2 40.7 75.7

