

Data File : VW014067.D
Acq On : 18 Nov 2019 17:32
Operator : SY/VA
Sample : K5810-10RE
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLR7RE

Quant Time: Nov 19 07:26:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	276434	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	225928	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	74315	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99721	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
7) Chloroethane-d5	2.88	69	93043	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.08%
10) 1,1-Dichloroethene-d2	4.02	63	157440	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.56%
20) 2-Butanone-d5	7.07	46	68205	53.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.46%
24) Chloroform-d	7.65	84	241378	28.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.60%
26) 1,2-Dichloroethane-d4	8.30	65	126323	29.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.24%
29) Benzene-d6	8.27	84	488695	30.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.96%
33) 1,2-Dichloropropane-d6	9.27	67	155313	33.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.32%#
37) Toluene-d8	10.32	98	412937	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.64%
38) trans-1,3-Dichloropropene-	10.57	79	51240	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.92%
39) 2-Hexanone-d5	10.93	63	48039	53.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103806	29.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	81724	27.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.48%

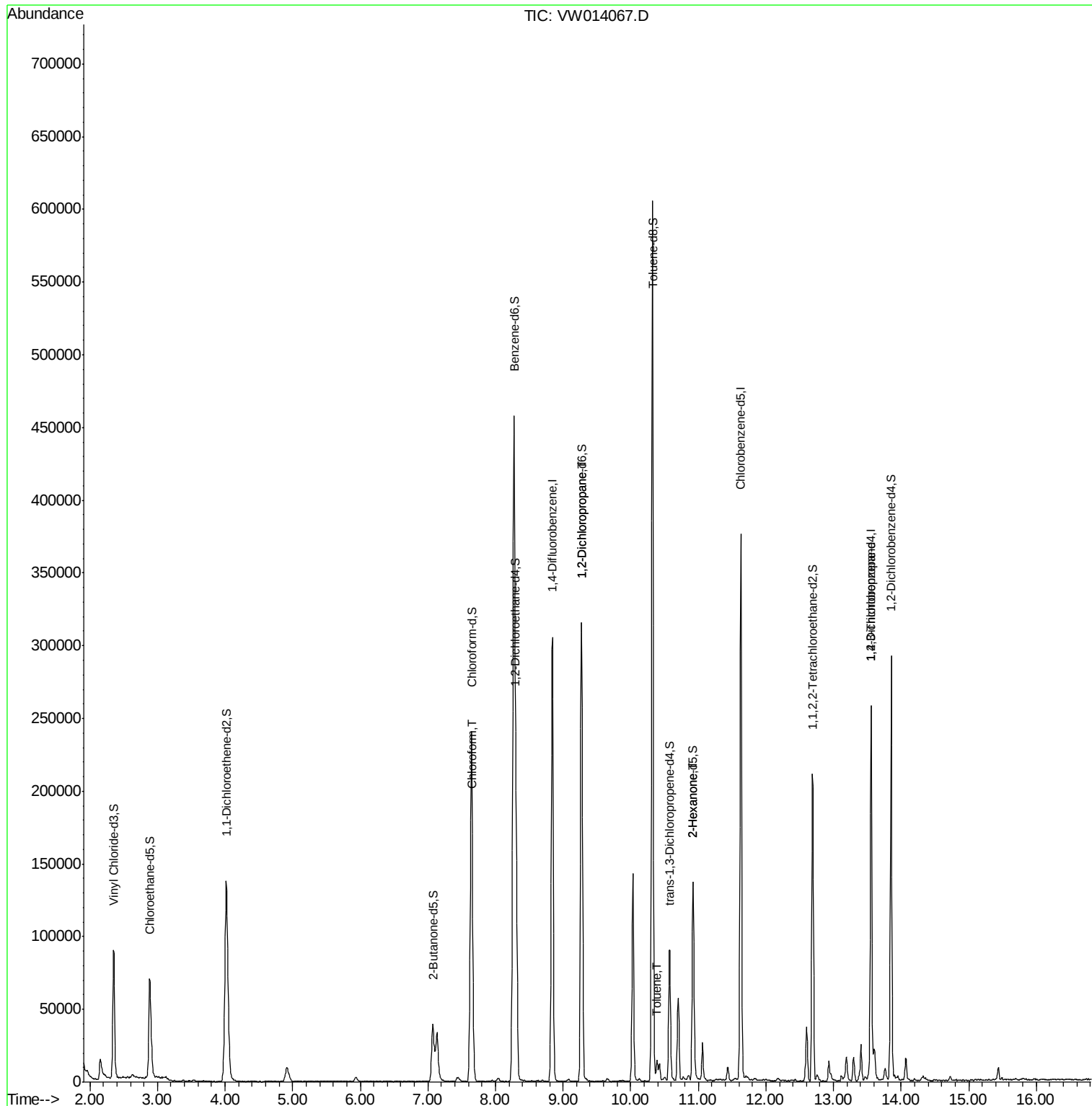
Target Compounds					Qvalue
25) Chloroform	7.66	83	4976	0.618 ug/L #	17
40) 1,2-Dichloropropane	9.27	63	16369	4.103 ug/L #	85
44) Toluene	10.39	91	6728	0.372 ug/L	88
49) 2-Hexanone	10.93	43	6339	3.338 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	7680	2.984 ug/L	90

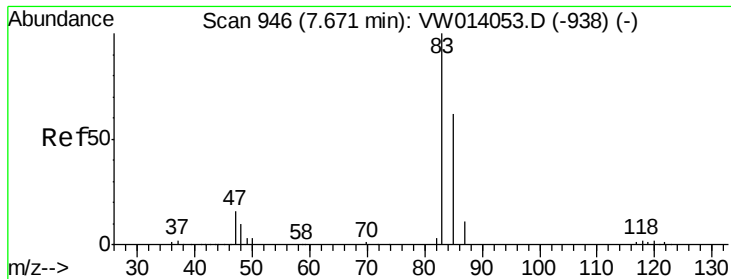
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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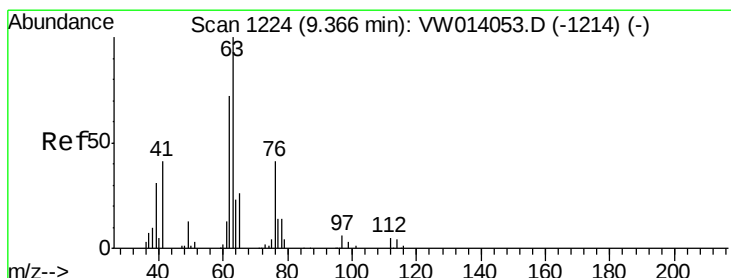
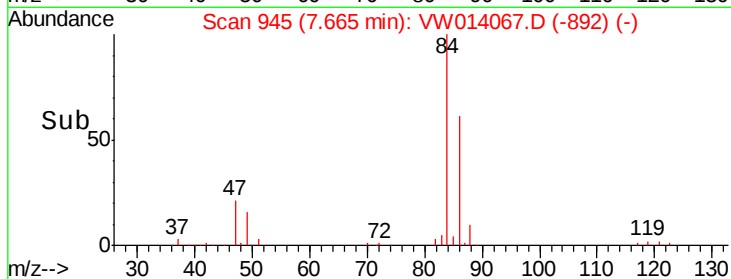
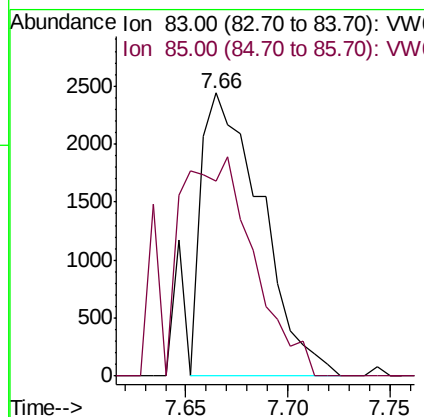
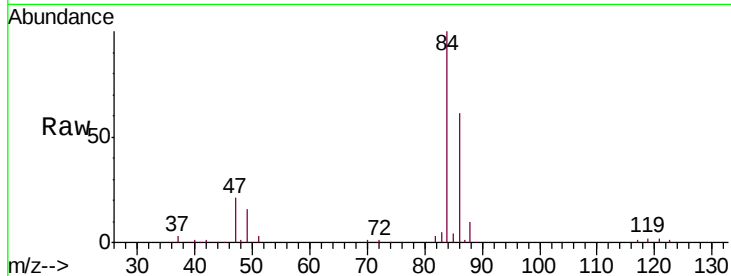




#25
Chloroform
Concen: 0.618 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
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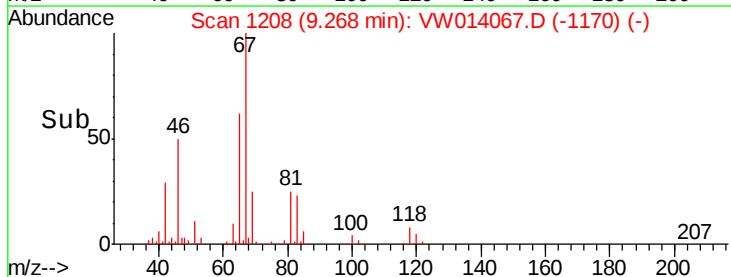
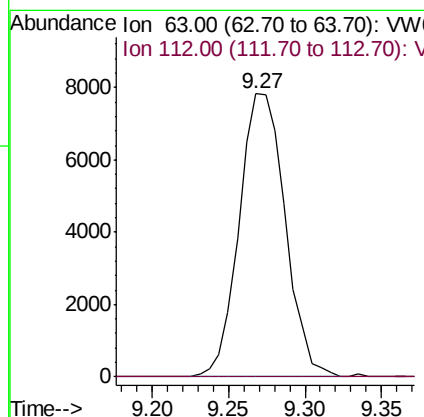
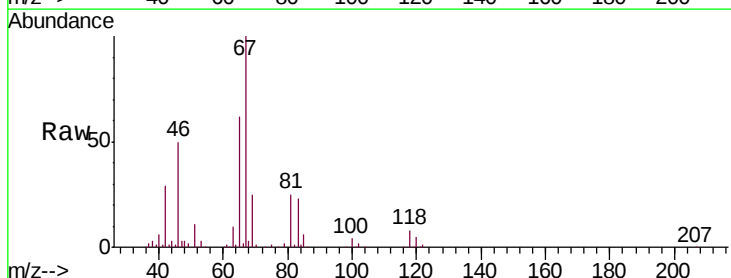
Instrument :
MSVOA_W
ClientSampleId :
BFLR7RE

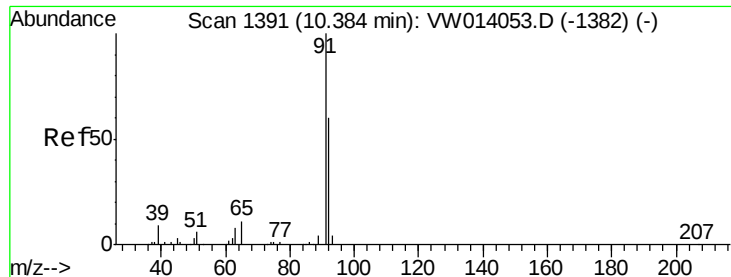
Tgt Ion: 83 Resp: 4976
Ion Ratio Lower Upper
83 100
85 0.0 46.1 85.7#



#40
1,2-Dichloropropane
Concen: 4.103 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW014067.D
Acq: 18 Nov 2019 17:32

Tgt Ion: 63 Resp: 16369
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#44

Toluene

Concen: 0.372 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

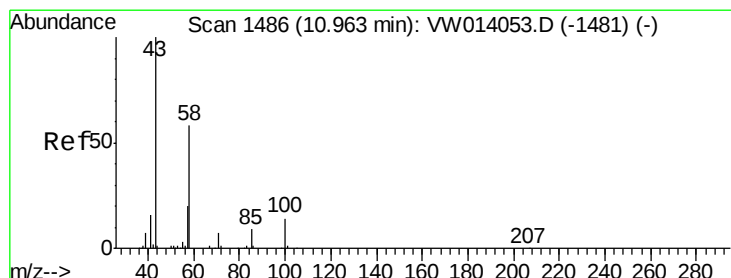
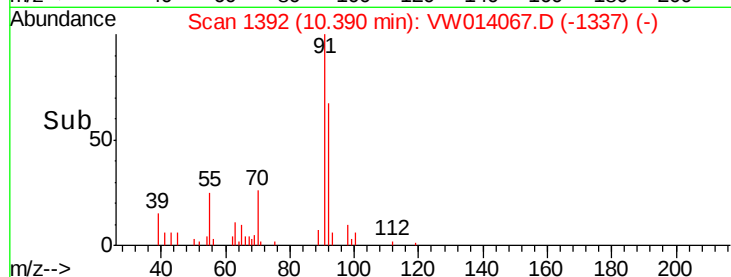
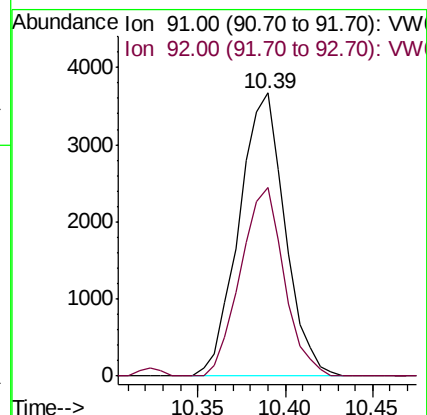
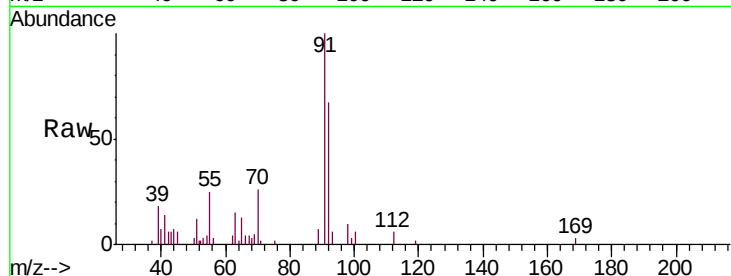
BFLR7RE

Tgt Ion: 91 Resp: 6728

Ion Ratio Lower Upper

91 100

92 66.8 40.7 75.7



#49

2-Hexanone

Concen: 3.338 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 6339

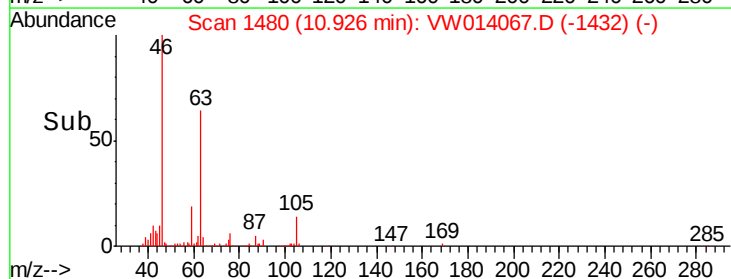
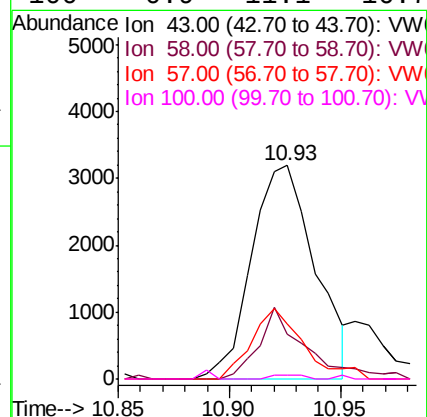
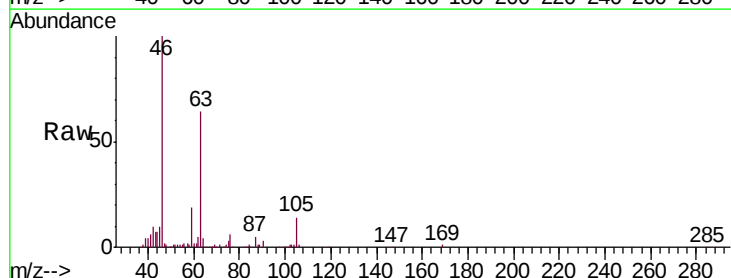
Ion Ratio Lower Upper

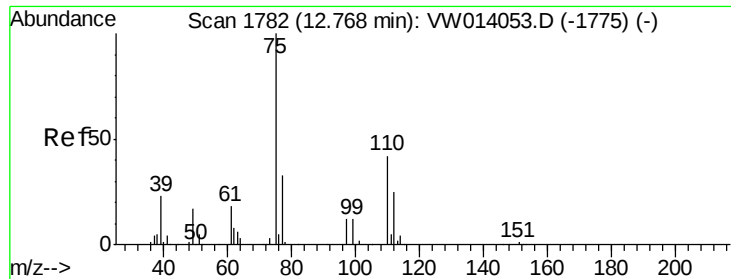
43 100

58 22.4 44.4 66.6#

57 26.1 16.5 24.7#

100 0.9 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 2.984 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW014067.D

Acq: 18 Nov 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

BFLR7RE

Tgt Ion: 75 Resp: 7680

Ion Ratio Lower Upper

75 100

77 37.7 25.9 38.9

