

Data File : VW014439.D
Acq On : 18 Dec 2019 18:04
Operator : SY/VA
Sample : K6257-04RE
Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW3

Quant Time: Dec 19 01:11:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 01:06:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1016207	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	908924	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	359235	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	289958	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
7) Chloroethane-d5	2.89	69	254272	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
10) 1,1-Dichloroethene-d2	4.01	63	430357	15.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.32%
20) 2-Butanone-d5	7.07	46	167638	41.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.62%
24) Chloroform-d	7.64	84	625776	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.30	65	335920	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.04%
29) Benzene-d6	8.27	84	1283374	24.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.36%
33) 1,2-Dichloropropane-d6	9.27	67	417068	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.80%
37) Toluene-d8	10.32	98	1112038	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.36%
38) trans-1,3-Dichloropropene-	10.57	79	143213	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.32%
39) 2-Hexanone-d5	10.92	63	128020	39.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	267518	20.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	343616	25.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.12%

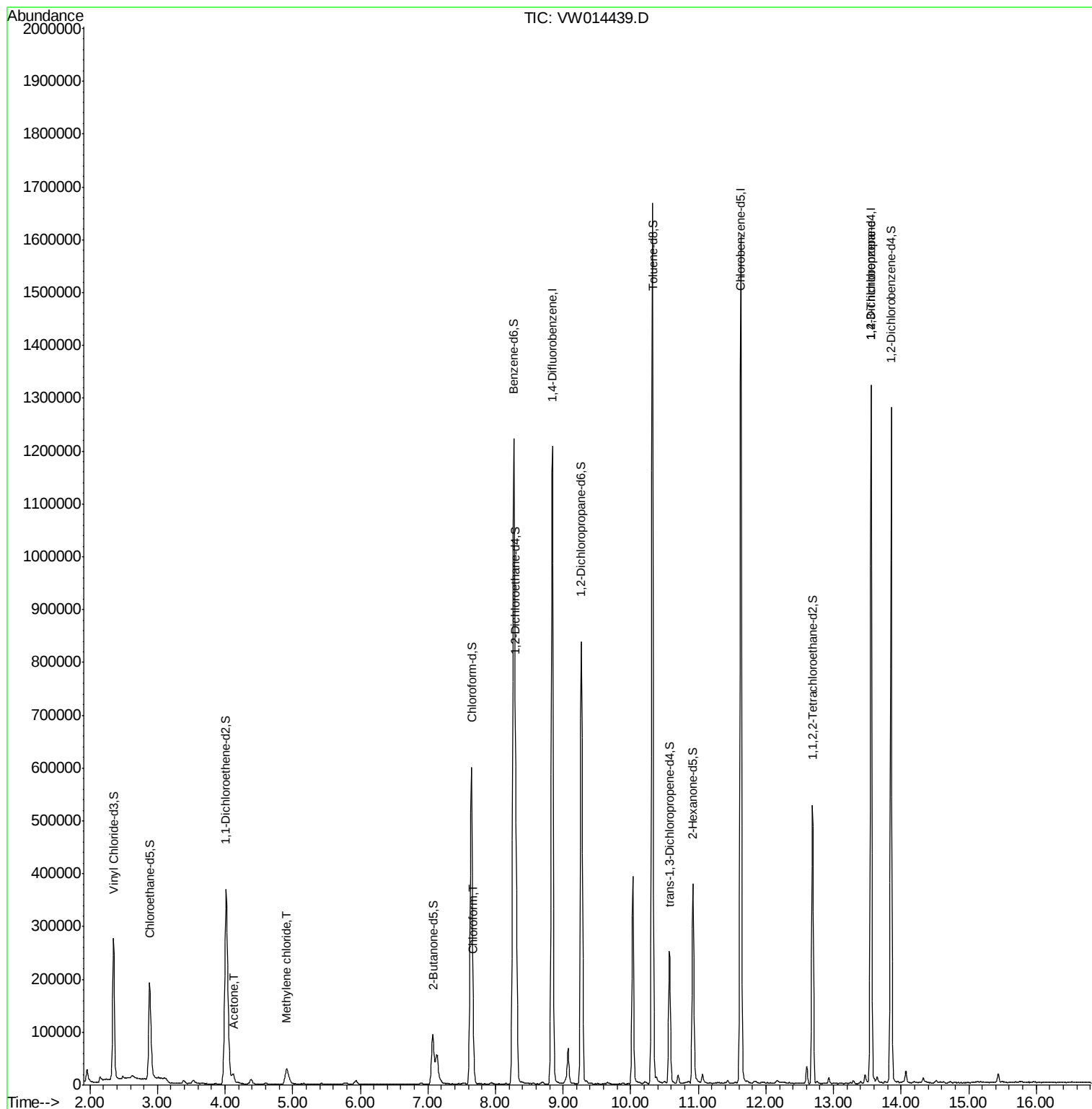
Target Compounds					Qvalue
13) Acetone	4.12	43	28705	7.425 ug/L	98
16) Methylene chloride	4.91	84	24732	1.588 ug/L	91
25) Chloroform	7.68	83	19944	0.786 ug/L #	25
59) 1,2,3-Trichloropropane	13.55	75	41922	4.103 ug/L	94

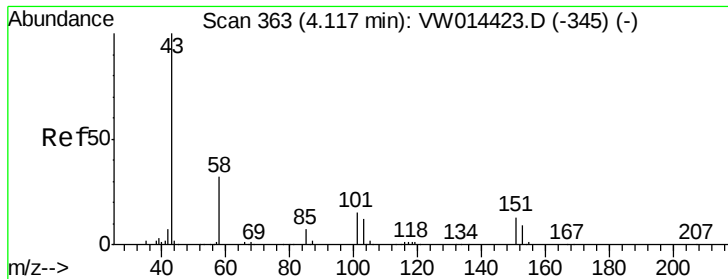
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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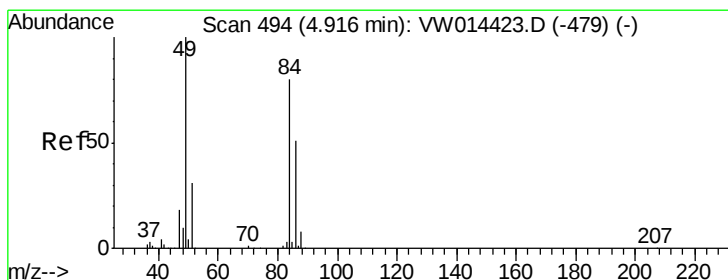
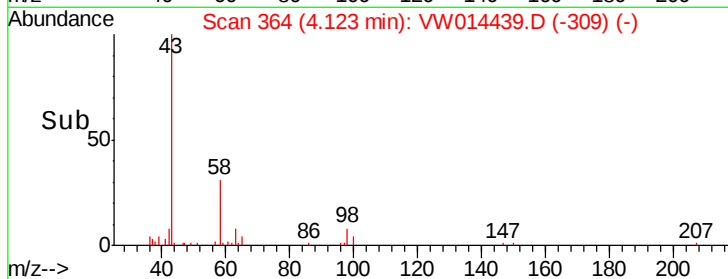
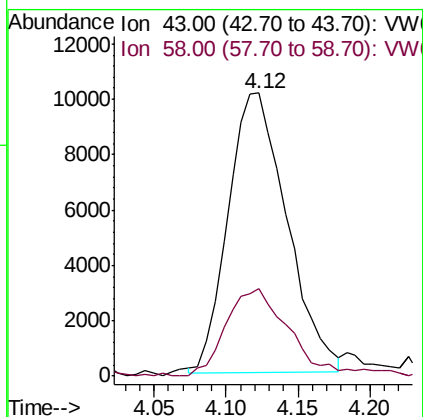
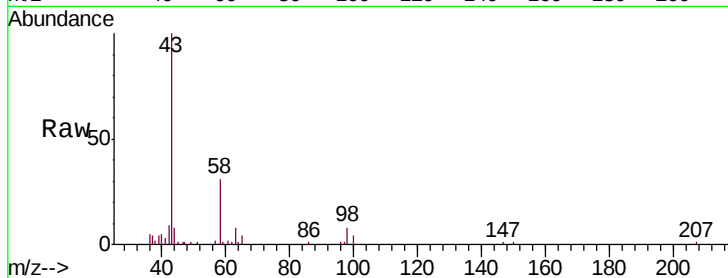




#13
Acetone
Concen: 7.425 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014439.D
Acq: 18 Dec 2019 18:04

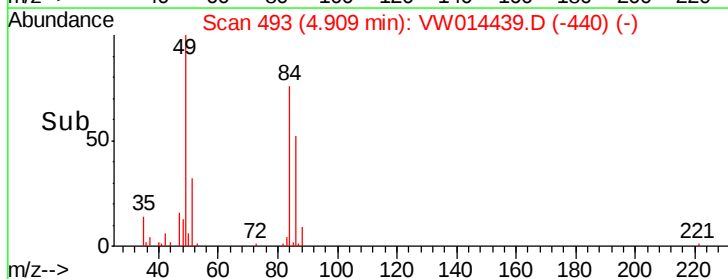
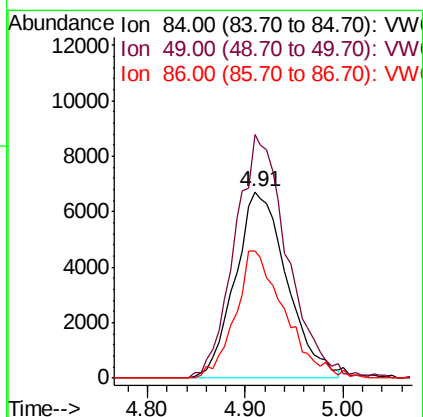
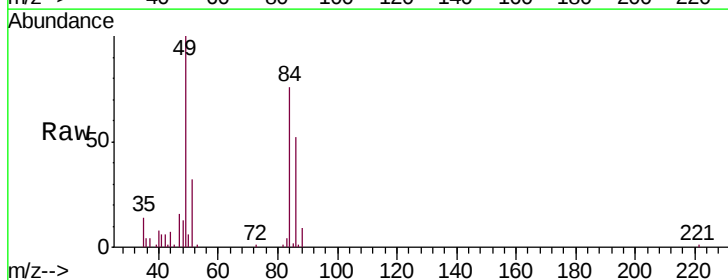
Instrument :
MSVOA_W
ClientSampled :
BFEW3

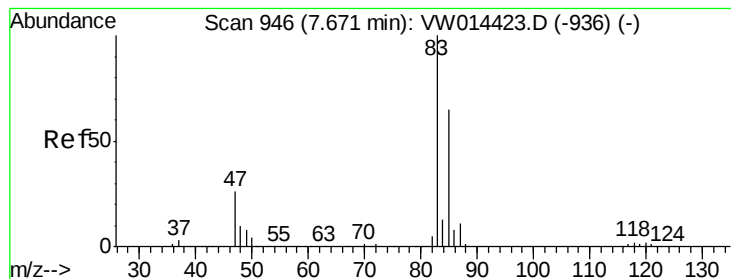
Tgt Ion: 43 Resp: 28705
Ion Ratio Lower Upper
43 100
58 31.7 0.0 65.4



#16
Methylene chloride
Concen: 1.588 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014439.D
Acq: 18 Dec 2019 18:04

Tgt Ion: 84 Resp: 24732
Ion Ratio Lower Upper
84 100
49 130.8 84.2 156.4
86 68.3 43.7 81.1





#25

Chloroform

Concen: 0.786 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW014439.D

Acq: 18 Dec 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

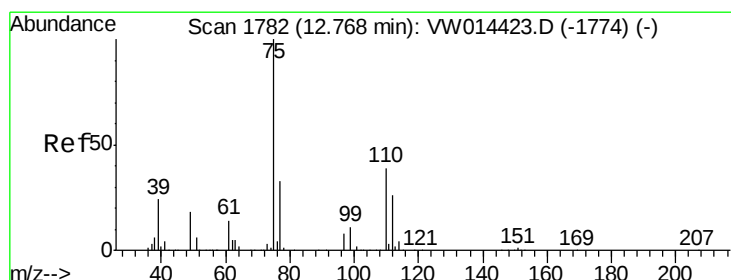
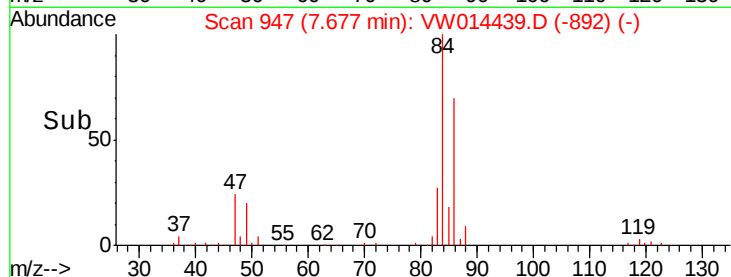
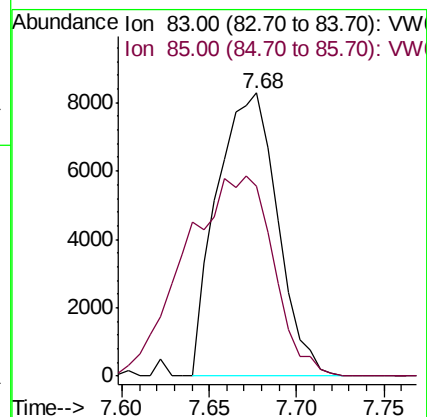
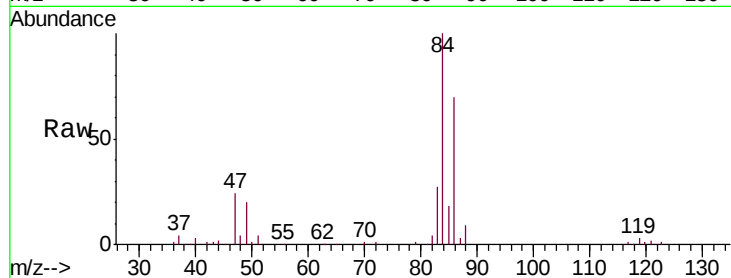
BFEW3

Tgt Ion: 83 Resp: 19944

Ion Ratio Lower Upper

83 100

85 6.2 46.1 85.7#



#59

1,2,3-Trichloropropane

Concen: 4.103 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 41922

Ion Ratio Lower Upper

75 100

77 35.8 25.9 38.9

