

Data File : VW014027.D
Acq On : 14 Nov 2019 18:05
Operator : SY/VA
Sample : K5810-02
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLY1

Quant Time: Nov 15 01:50:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	370892	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358838	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180042	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122938	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.12%
7) Chloroethane-d5	2.88	69	105249	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.76%
10) 1,1-Dichloroethene-d2	4.02	63	195239	16.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.32%
20) 2-Butanone-d5	7.07	46	90273	52.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.02%
24) Chloroform-d	7.65	84	276543	24.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	8.30	65	153990	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.44%
29) Benzene-d6	8.27	84	600295	23.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.32%
33) 1,2-Dichloropropane-d6	9.27	67	181508	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	547817	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.76%
38) trans-1,3-Dichloropropene-	10.57	79	73249	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.72%
39) 2-Hexanone-d5	10.92	63	70793	50.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143126	25.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	186798	25.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.28%

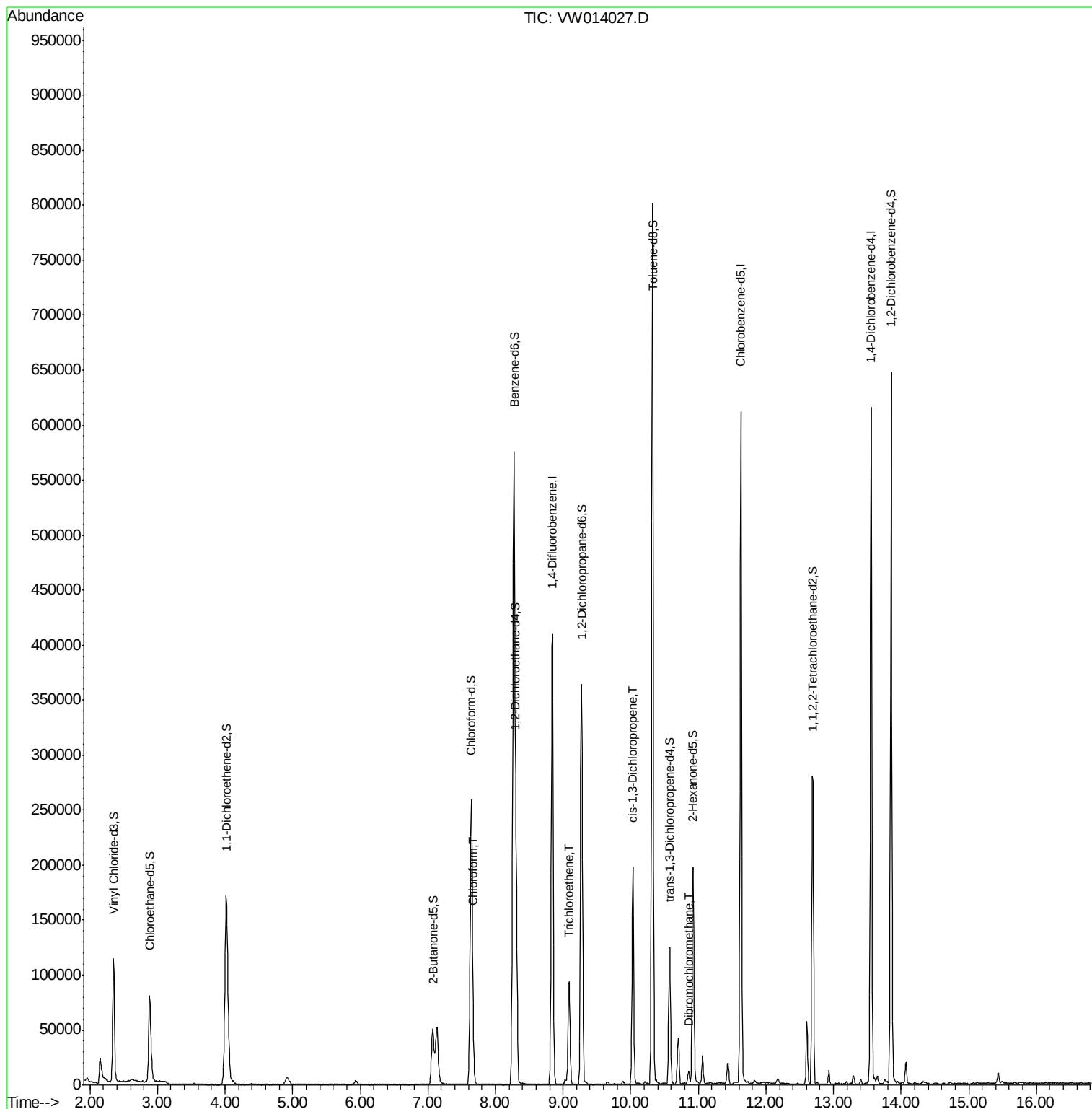
Target Compounds					Qvalue
25) Chloroform	7.67	83	8298	0.768 ug/L #	67
35) Trichloroethene	9.09	95	31860	4.538 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4340	0.434 ug/L #	53
50) Dibromochloromethane	10.86	129	2325	0.425 ug/L #	10

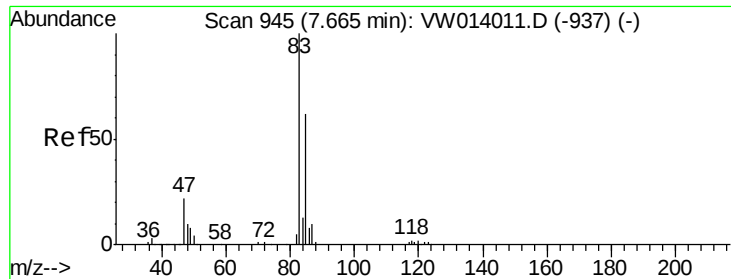
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.768 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

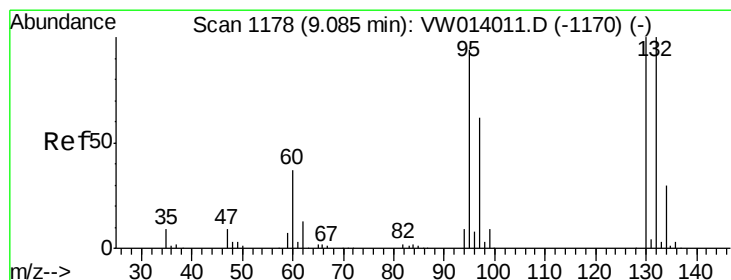
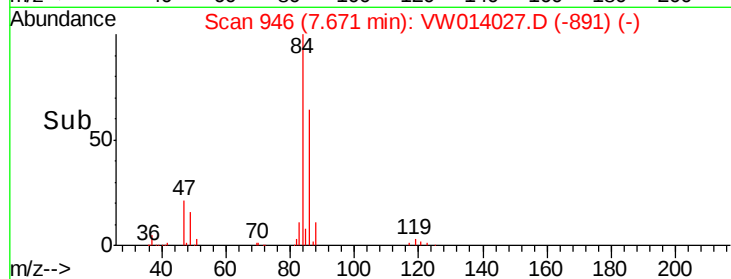
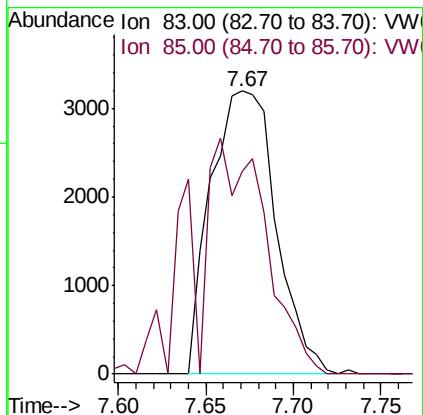
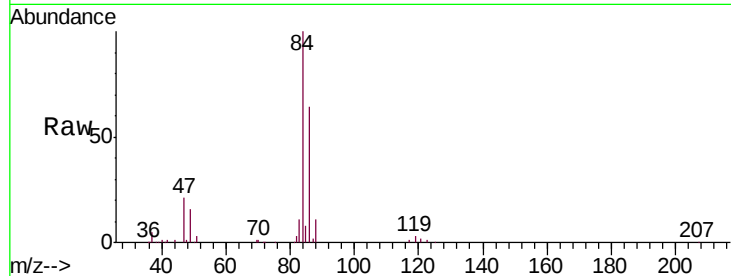
BFLY1

Tgt Ion: 83 Resp: 8298

Ion Ratio Lower Upper

83 100

85 39.9 46.1 85.7#



#35

Trichloroethene

Concen: 4.538 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 31860

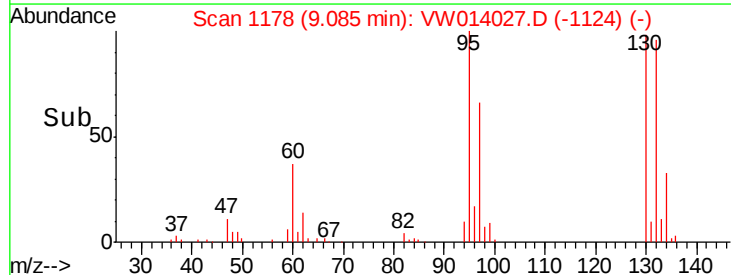
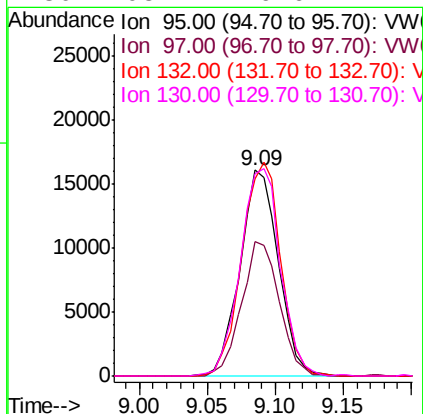
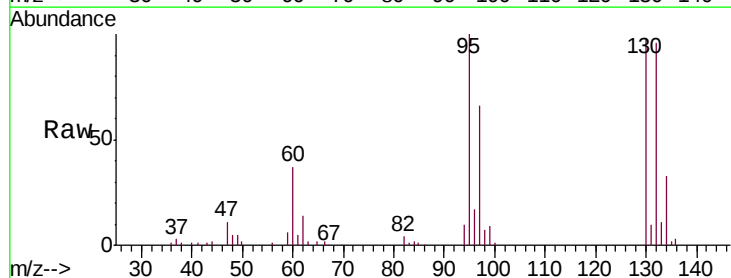
Ion Ratio Lower Upper

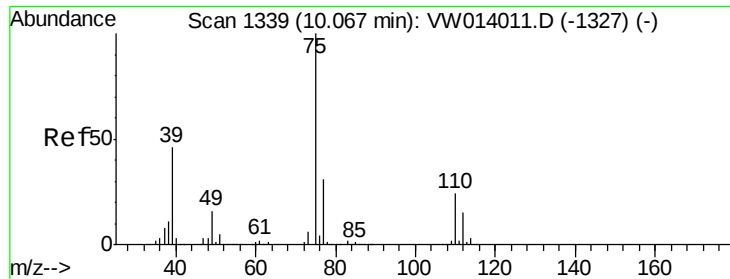
95 100

97 64.1 45.1 83.9

132 105.4 73.7 136.9

130 105.2 76.6 142.2

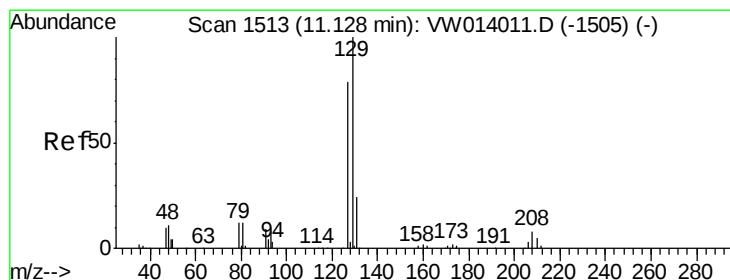
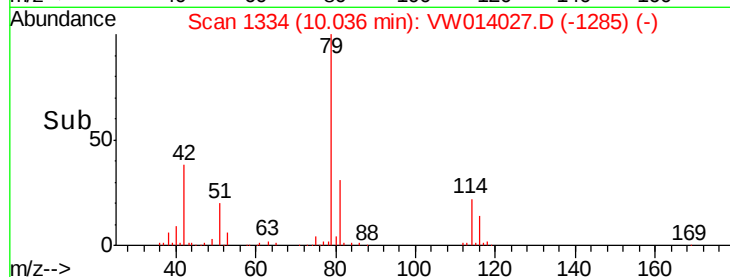
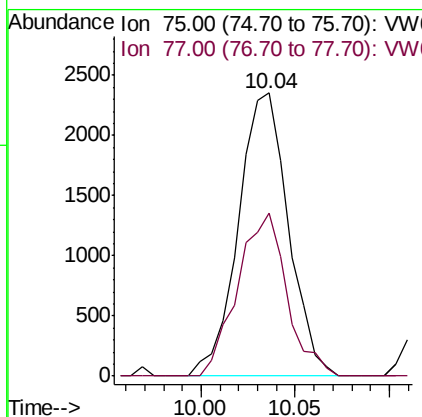
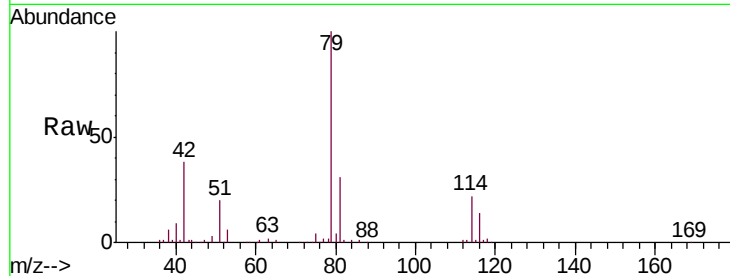




#42
 cis-1,3-Dichloropropene
 Concen: 0.434 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
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 MSVOA_W
 ClientSampled :
 BFLY1

Tgt Ion: 75 Resp: 4340
 Ion Ratio Lower Upper
 75 100
 77 57.7 22.1 41.1#



#50
 Dibromochloromethane
 Concen: 0.425 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.27 min
 Lab File: VW014027.D
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Tgt Ion: 129 Resp: 2325
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.9 102.1#

