

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014049.D
 Acq On : 15 Nov 2019 18:51
 Operator : SY/VA
 Sample : K5810-11
 Misc : 5.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:09:52 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	310691	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	248876	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78669	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110136	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
7) Chloroethane-d5	2.89	69	100438	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.96%
10) 1,1-Dichloroethene-d2	4.13	63	213	0.02	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.07	46	75294	52.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.56%
24) Chloroform-d	7.64	84	257440	26.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	8.30	65	136492	28.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.68%
29) Benzene-d6	8.27	84	525605	29.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.08%
33) 1,2-Dichloropropane-d6	9.27	67	163893	31.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.72%#
37) Toluene-d8	10.32	98	441222	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.40%
38) trans-1,3-Dichloropropene-	10.57	79	54201	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.88%
39) 2-Hexanone-d5	10.92	63	54105	55.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112355	28.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	83156	26.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.24%

Target Compounds

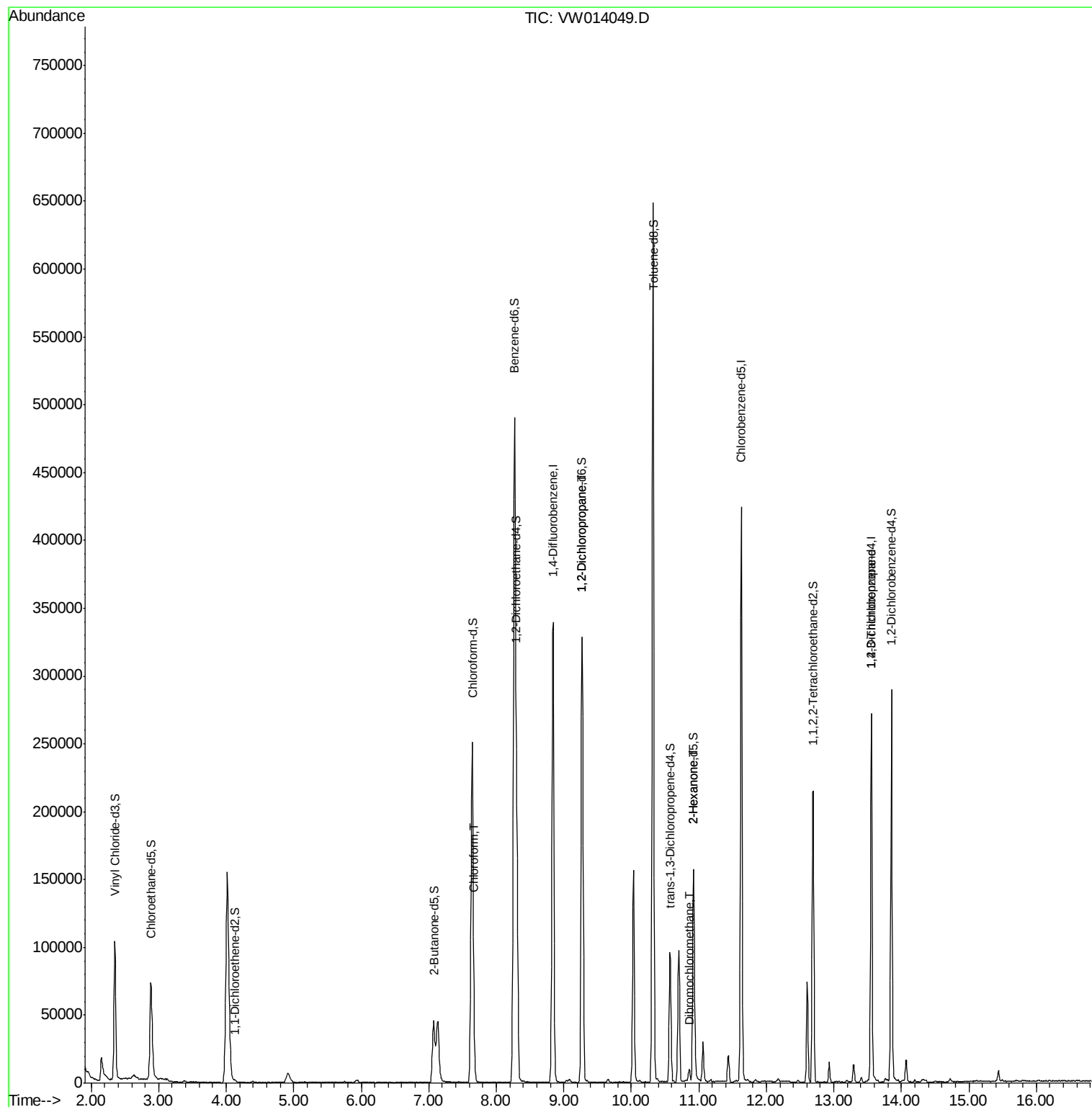
					Ovalue
25) Chloroform	7.67	83	4048	0.447 ug/L #	44
40) 1,2-Dichloropropane	9.27	63	17176	3.909 ug/L #	86
49) 2-Hexanone	10.92	43	7065	3.377 ug/L #	66
50) Dibromochloromethane	10.85	129	1832	0.483 ug/L #	10
59) 1,2,3-Trichloropropane	13.55	75	8464	2.985 ug/L	94

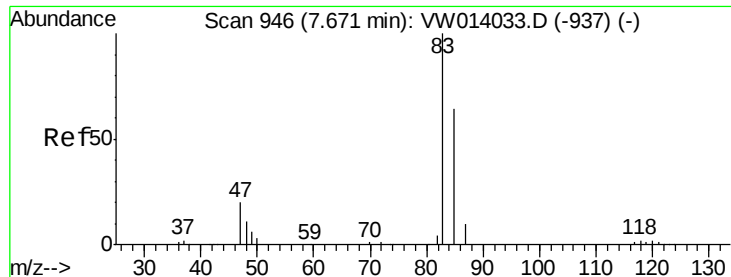
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration

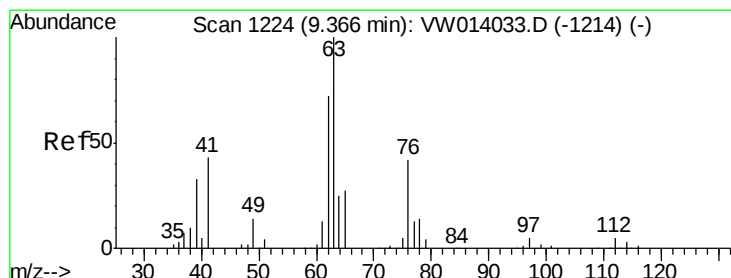
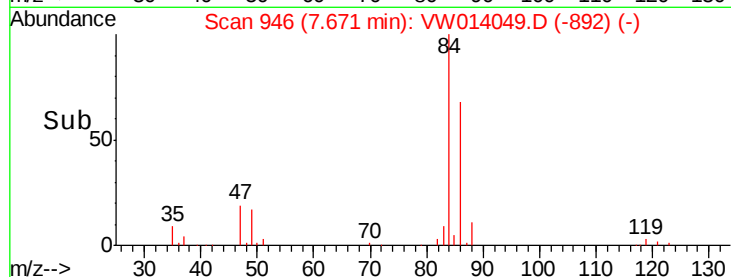
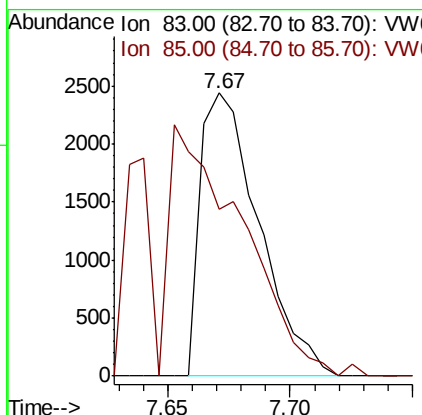
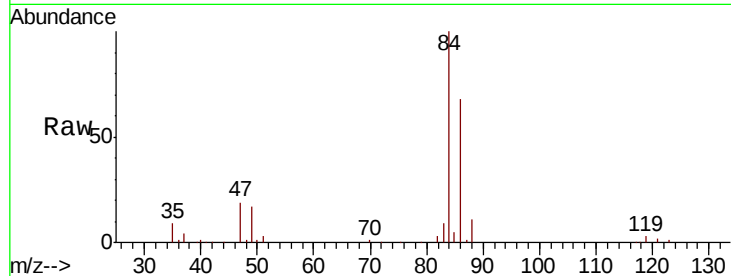




#25
Chloroform
Concen: 0.447 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014049.D
Acq: 15 Nov 2019 18:51

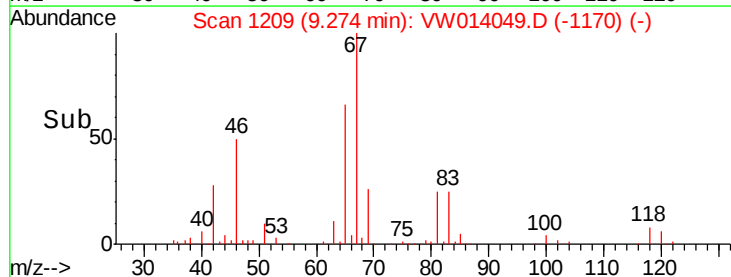
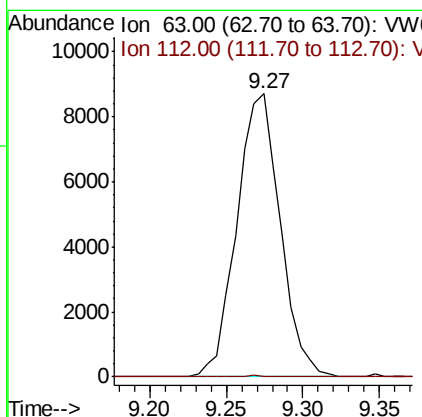
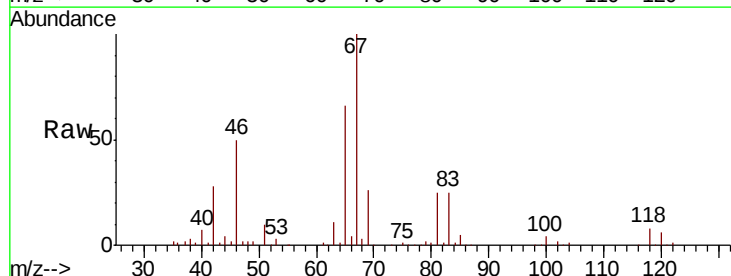
Instrument :
MSVOA_W
ClientSampled :

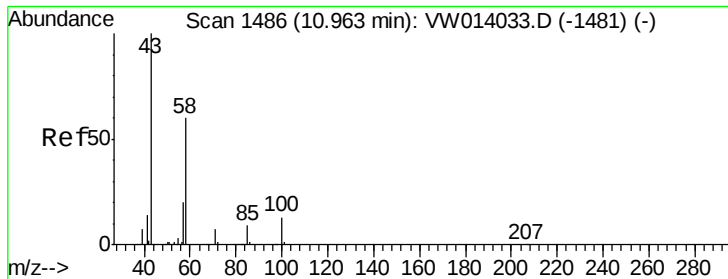
Tot Ion: 83 Resp: 4048
Ion Ratio Lower Upper
83 100
85 110.5 46.1 85.7#



#40
1,2-Dichloropropane
Concen: 3.909 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW014049.D
Acq: 15 Nov 2019 18:51

Tgt Ion: 63 Resp: 17176
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#

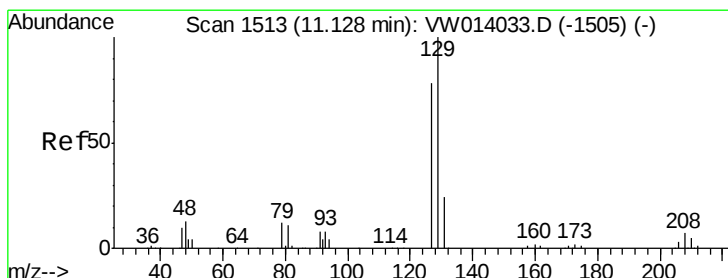
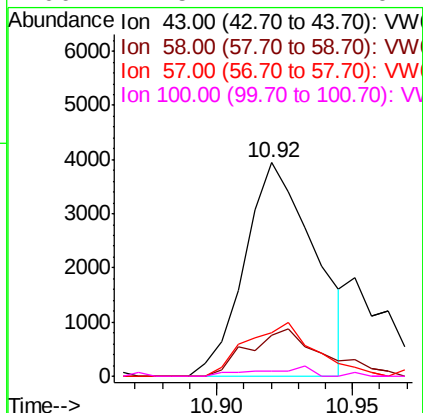
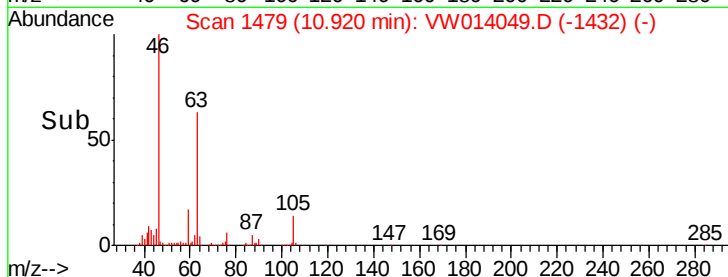
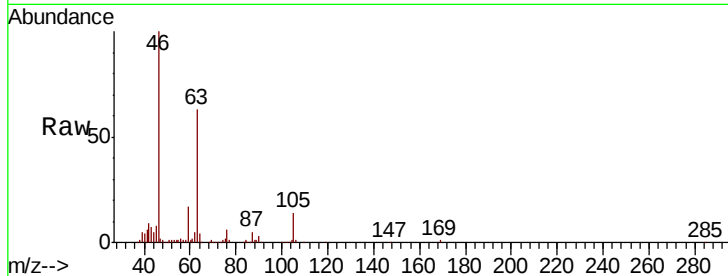




#49
2-Hexanone
Concen: 3.377 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.04 min
Lab File: VW014049.D
Acq: 15 Nov 2019 18:51

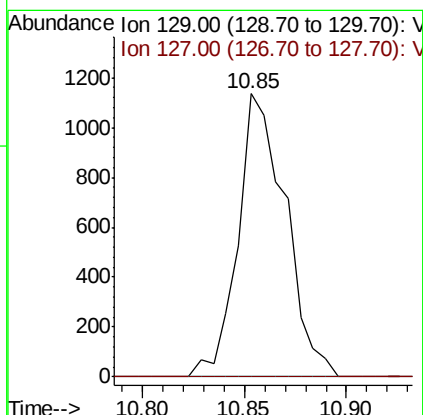
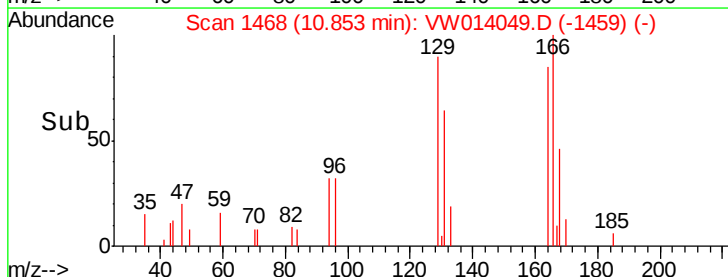
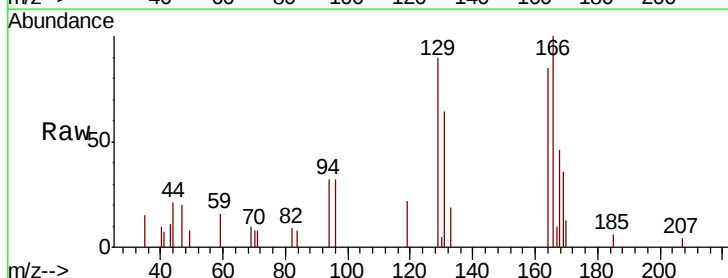
Instrument :
MSVOA_W
ClientSampled :

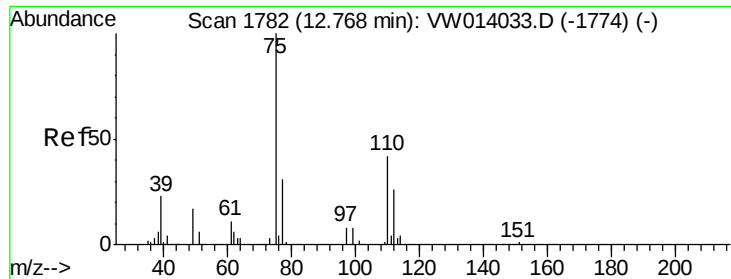
Tot Ion: 43 Resp: 7065
Ion Ratio Lower Upper
43 100
58 23.7 44.4 66.6#
57 24.4 16.5 24.7
100 1.5 11.1 16.7#



#50
Dibromochloromethane
Concen: 0.483 ug/L
RT: 10.85 min Scan# 1468
Delta R.T. -0.27 min
Lab File: VW014049.D
Acq: 15 Nov 2019 18:51

Tgt Ion: 129 Resp: 1832
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#





#59

1,2,3-Trichloropropane

Concen: 2.985 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014049.D

Acq: 15 Nov 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 8464

Ion Ratio Lower Upper

75 100

77 35.7 25.9 38.9

