

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014039.D
 Acq On : 15 Nov 2019 14:27
 Operator : SY/VA
 Sample : K5811-02
 Misc : 5.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:08:27 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	312288	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292922	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141546	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104420	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.89	69	92459	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.56%
10) 1,1-Dichloroethene-d2	4.02	63	167772	16.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.64%
20) 2-Butanone-d5	7.07	46	92997	64.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.50%
24) Chloroform-d	7.64	84	242822	25.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	8.30	65	138312	28.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.60%
29) Benzene-d6	8.27	84	505825	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	9.27	67	157179	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.28%
37) Toluene-d8	10.32	98	457720	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.88%
38) trans-1,3-Dichloropropene-	10.57	79	67418	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.44%
39) 2-Hexanone-d5	10.92	63	69149	59.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134276	29.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	139820	24.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.36%

Target Compounds

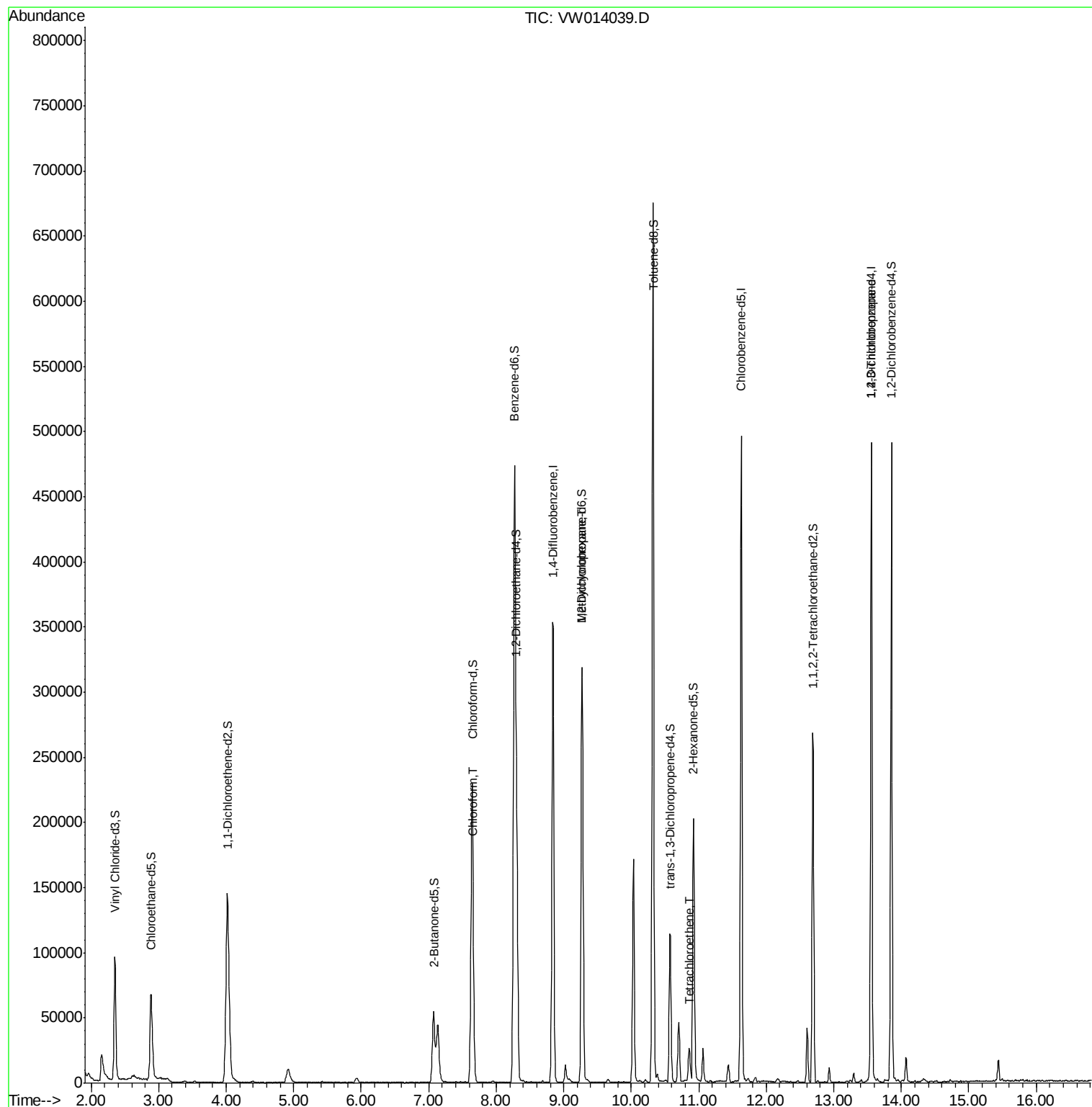
					Ovalue
25) Chloroform	7.67	83	4056	0.446 ug/L #	63
36) Methvlcvclohexane	9.27	83	38725	3.768 ug/L #	20
47) Tetrachloroethene	10.87	164	6579	1.288 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	14905	4.467 ug/L	94

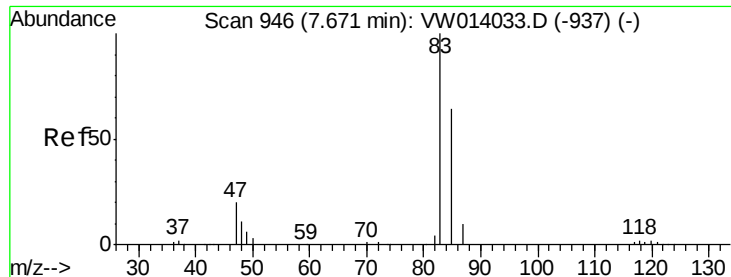
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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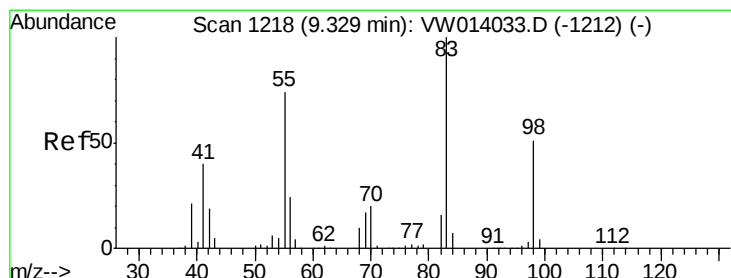
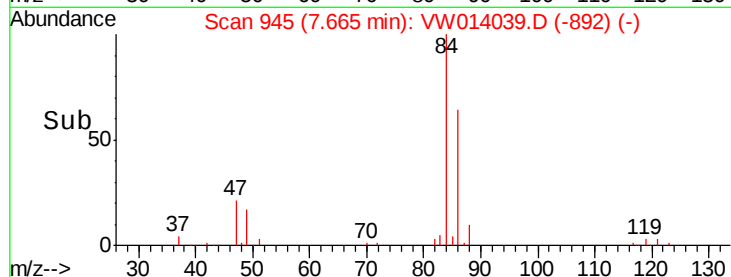
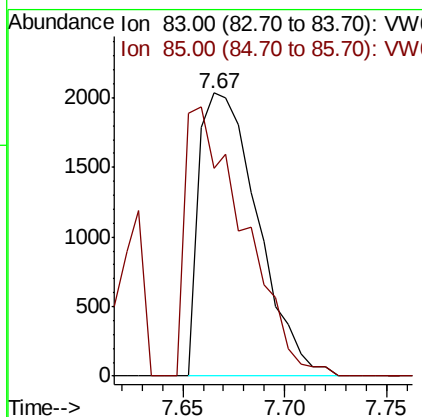
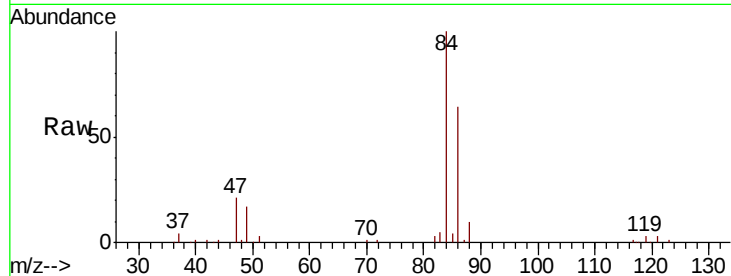




#25
Chloroform
Concen: 0.446 ug/L
RT: 7.67 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014039.D
Acq: 15 Nov 2019 14:27

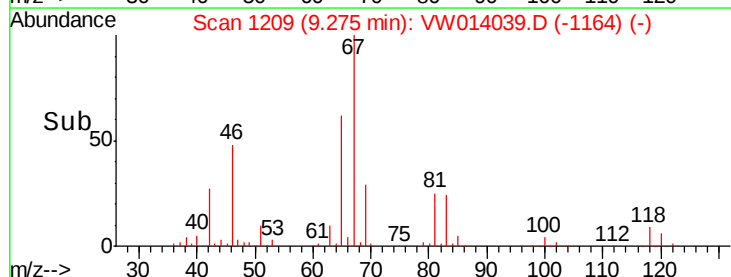
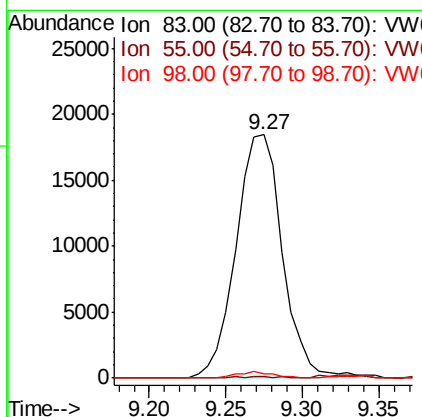
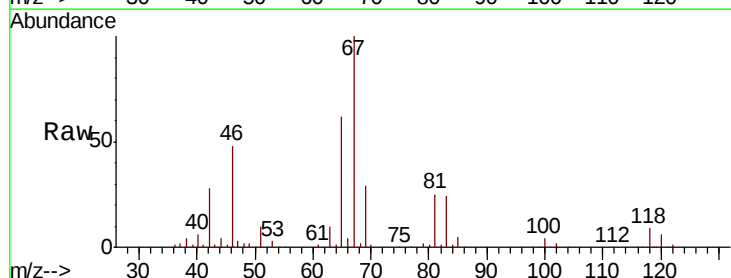
Instrument :
MSVOA_W
ClientSampled :

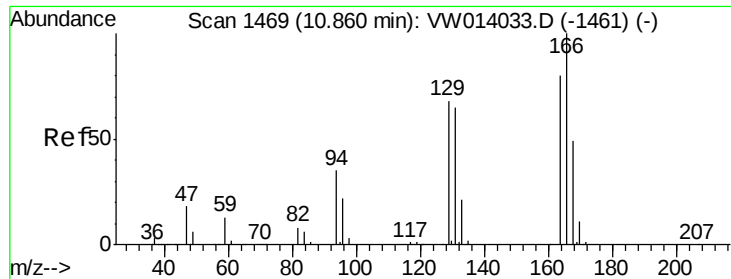
Tot Ion: 83 Resp: 4056
Ion Ratio Lower Upper
83 100
85 95.5 46.1 85.7#



#36
Methylcyclohexane
Concen: 3.768 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW014039.D
Acq: 15 Nov 2019 14:27

Tgt Ion: 83 Resp: 38725
Ion Ratio Lower Upper
83 100
55 0.2 59.8 89.8#
98 2.0 39.5 59.3#

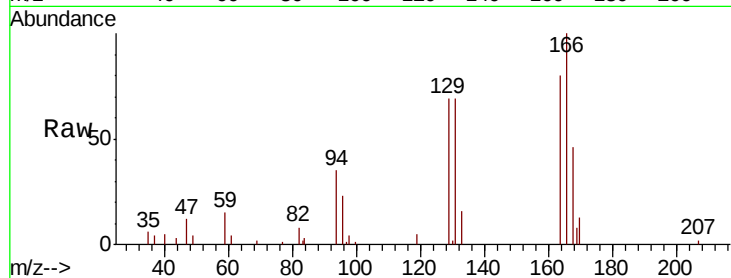




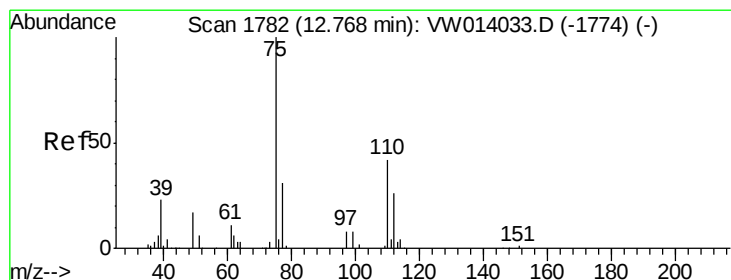
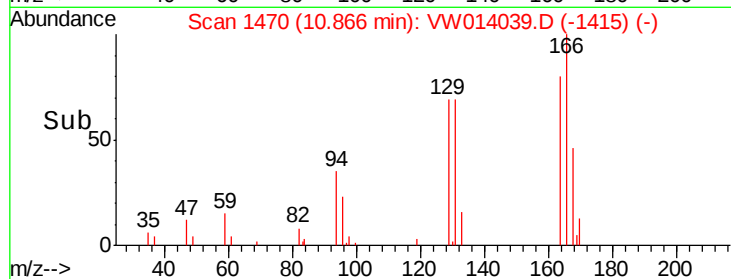
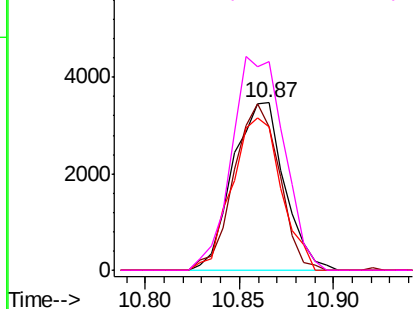
#47
Tetrachloroethene
Concen: 1.288 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW014039.D
Acq: 15 Nov 2019 14:27

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 6579
Ion Ratio Lower Upper
164 100
129 86.0 60.6 112.6
131 85.5 59.1 109.7
166 124.6 90.8 168.6

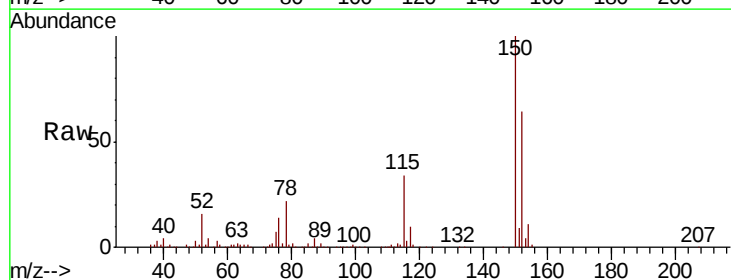


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 4.467 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW014039.D
Acq: 15 Nov 2019 14:27

Tgt Ion: 75 Resp: 14905
Ion Ratio Lower Upper
75 100
77 35.8 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

