

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021120\
 Data File : VW014963.D
 Acq On : 11 Feb 2020 14:11
 Operator : SY/VA
 Sample : L1416-14
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 12 00:15:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 00:12:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	745583	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	700483	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	259470	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	218641	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.84%
7) Chloroethane-d5	2.89	69	218740	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
10) 1,1-Dichloroethene-d2	4.02	63	349612	15.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.00%
20) 2-Butanone-d5	7.07	46	142341	41.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.18%
24) Chloroform-d	7.65	84	534063	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	295078	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.76%
29) Benzene-d6	8.27	84	1008504	22.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.56%
33) 1,2-Dichloropropane-d6	9.27	67	368793	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.32	98	839557	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.72%
38) trans-1,3-Dichloropropene-	10.58	79	110689	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.40%
39) 2-Hexanone-d5	10.92	63	93011	34.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	225649	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	237069	23.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.24%

Target Compounds

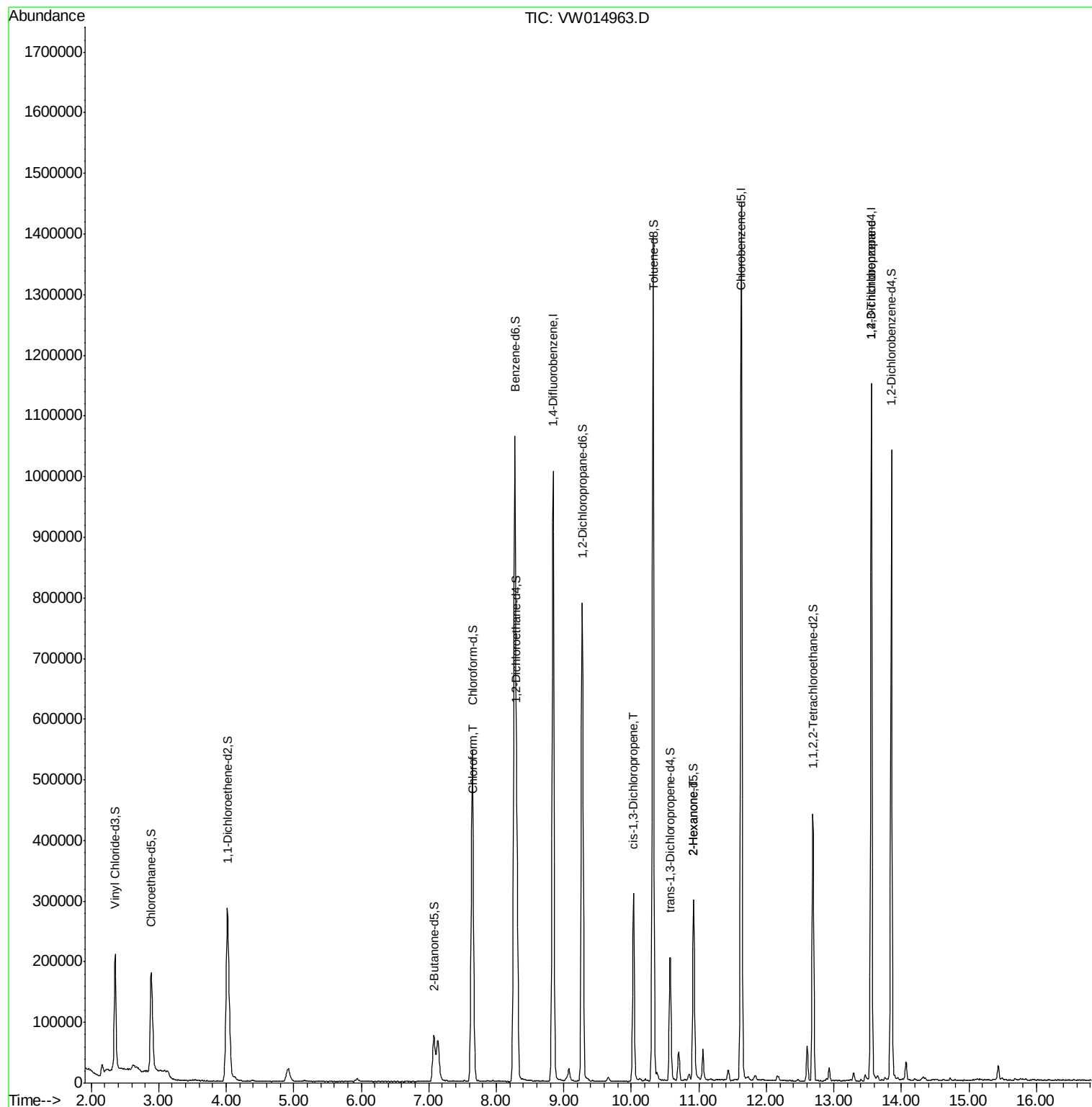
					Ovalue
25) Chloroform	7.66	83	6559	0.329 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	7754	0.424 ug/L #	54
49) 2-Hexanone	10.93	43	14419	2.429 ug/L #	67
59) 1,2,3-Trichloropropane	13.55	75	42244	5.301 ug/L	92

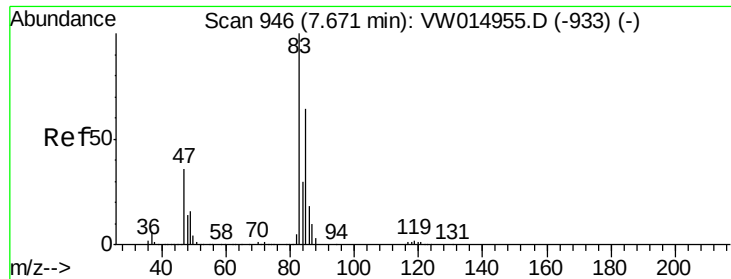
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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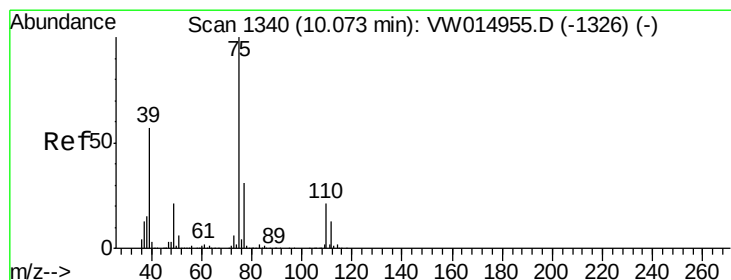
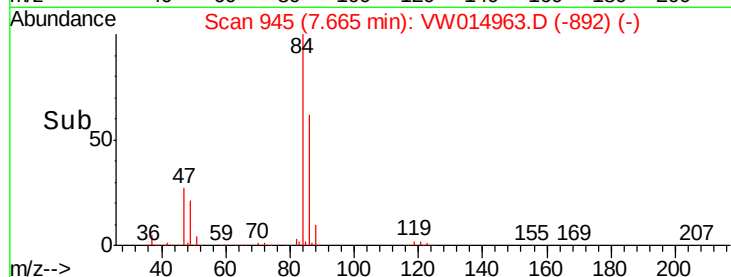
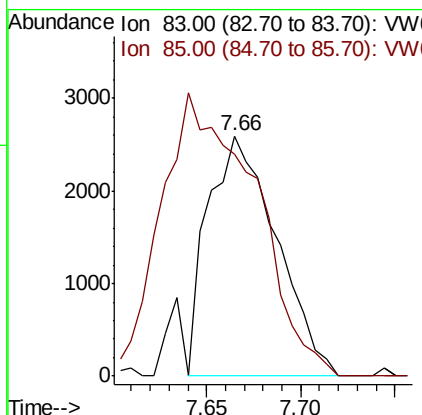
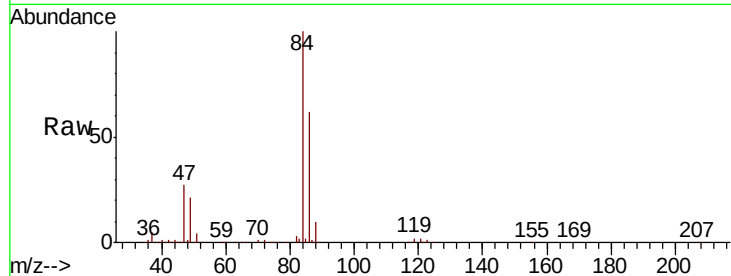




#25
Chloroform
Concen: 0.329 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014963.D
Acq: 11 Feb 2020 14:11

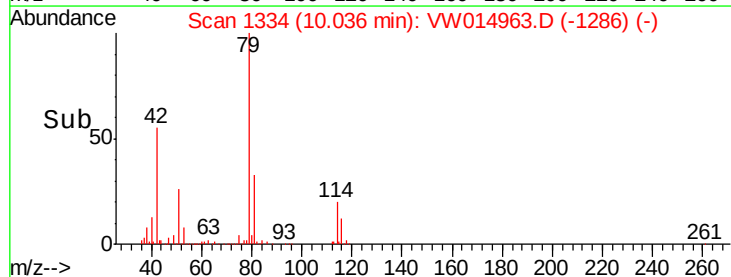
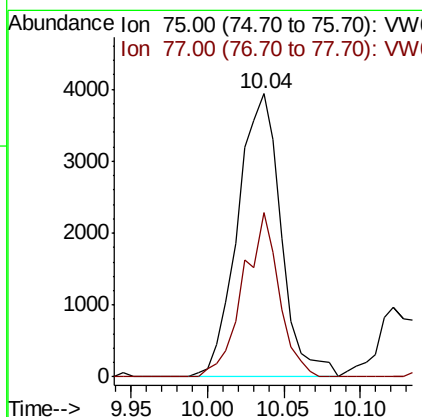
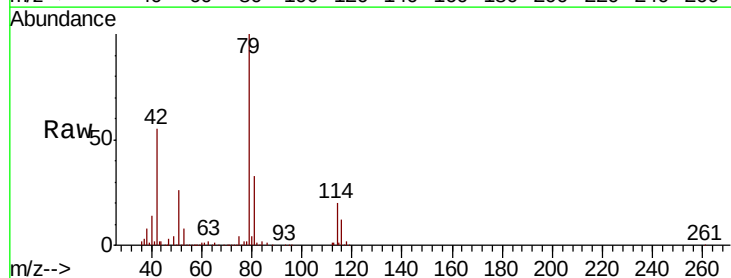
Instrument :
MSVOA_W
ClientSampleId :

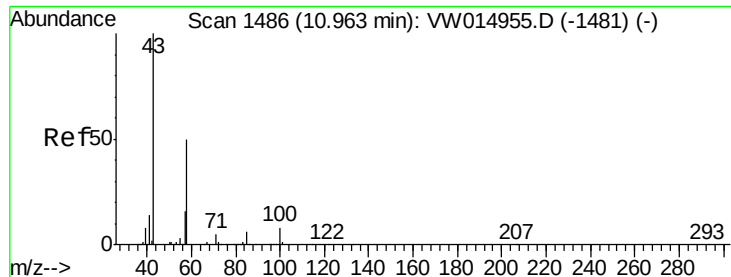
Tot Ion: 83 Resp: 6559
Ion Ratio Lower Upper
83 100
85 0.0 45.4 84.4#



#42
cis-1,3-Dichloropropene
Concen: 0.424 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW014963.D
Acq: 11 Feb 2020 14:11

Tgt Ion: 75 Resp: 7754
Ion Ratio Lower Upper
75 100
77 57.9 22.5 41.9#

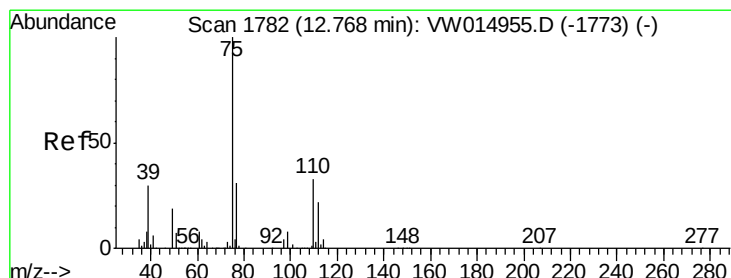
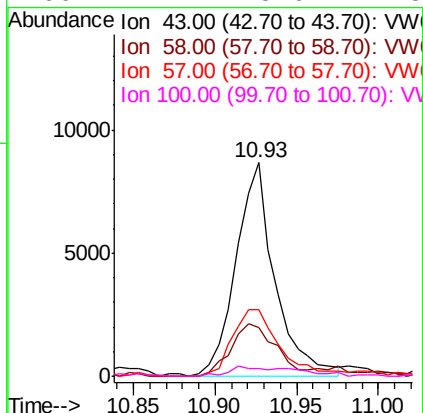
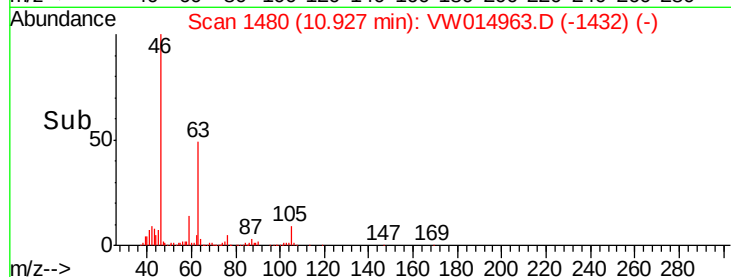
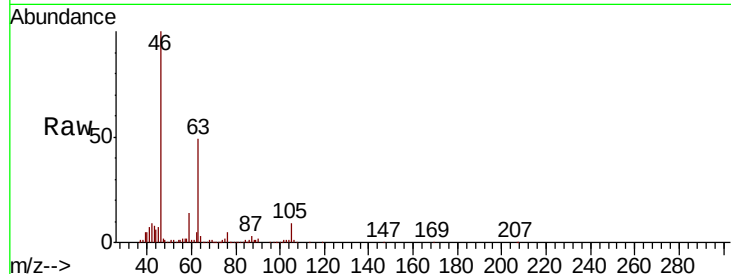




#49
2-Hexanone
Concen: 2.429 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW014963.D
Acq: 11 Feb 2020 14:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 14419
Ion Ratio Lower Upper
43 100
58 28.5 42.2 63.2#
57 36.1 14.5 21.7#
100 4.1 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 5.301 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW014963.D
Acq: 11 Feb 2020 14:11

Tgt Ion: 75 Resp: 42244
Ion Ratio Lower Upper
75 100
77 37.0 25.9 38.9

