

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016523.D
 Acq On : 10 Sep 2020 14:47
 Operator : SY/VA
 Sample : L3945-14
 Misc : 5.69G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFX06

Quant Time: Sep 11 06:15:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	613659	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	537406	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	237441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	130933	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.44%
7) Chloroethane-d5	2.90	69	128799	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.12%
10) 1,1-Dichloroethene-d2	4.03	63	197254	13.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.72%
20) 2-Butanone-d5	7.09	46	69448	29.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.74%
24) Chloroform-d	7.66	84	318021	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	8.31	65	162420	20.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.64%
29) Benzene-d6	8.28	84	580198	21.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.96%
33) 1,2-Dichloropropane-d6	9.28	67	172716	21.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.08%
37) Toluene-d8	10.33	98	527201	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.20%
38) trans-1,3-Dichloropropene-	10.58	79	77897	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.96%
39) 2-Hexanone-d5	10.93	63	55193	33.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134573	19.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	190900	23.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.08%

Target Compounds

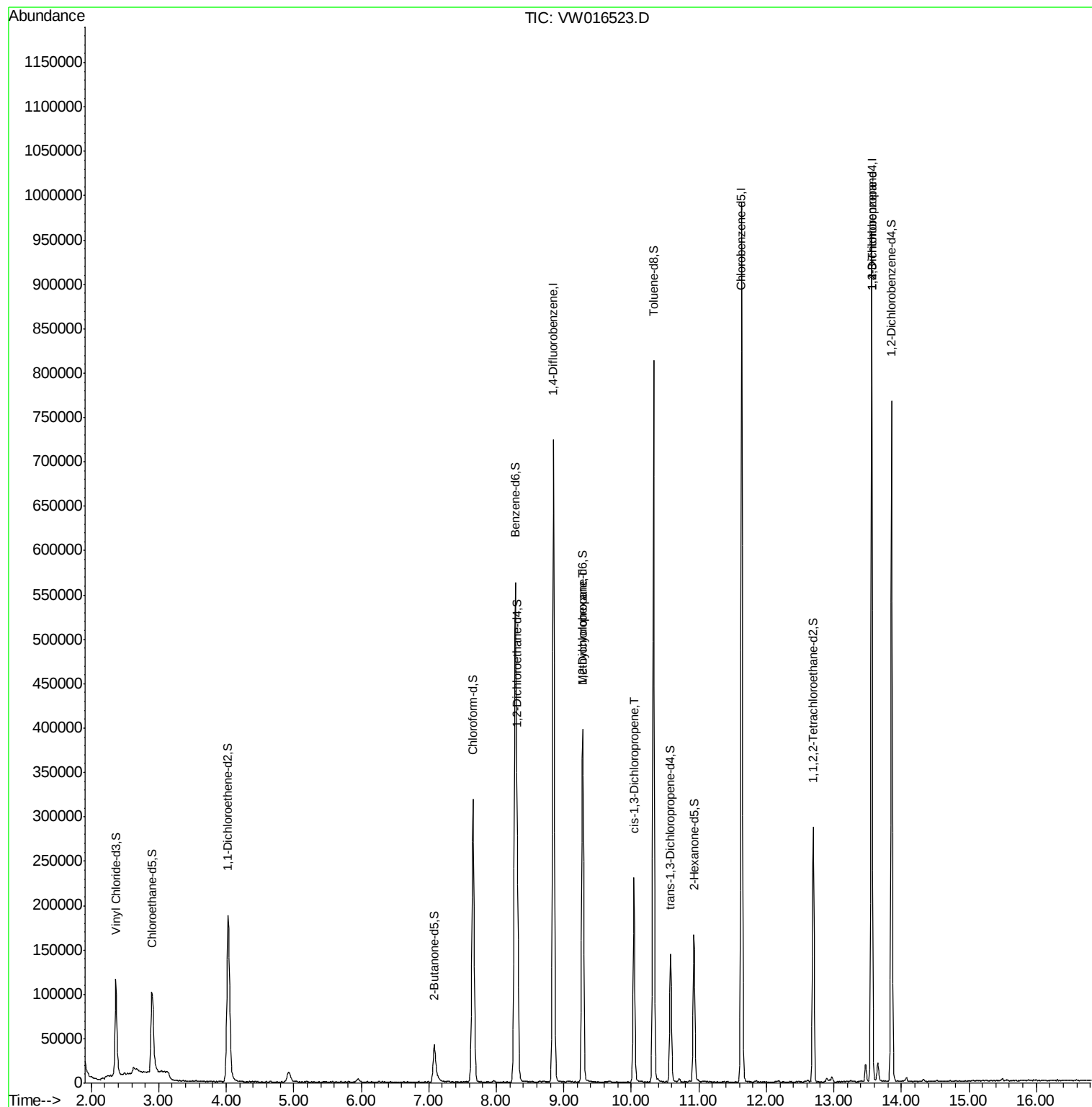
					Ovalue
36) Methylcyclohexane	9.28	83	45073	3.164 ug/L #	19
42) cis-1,3-Dichloropropene	10.04	75	6610	0.536 ug/L #	81
59) 1,2,3-Trichloropropane	13.56	75	31758	6.191 ug/L	90

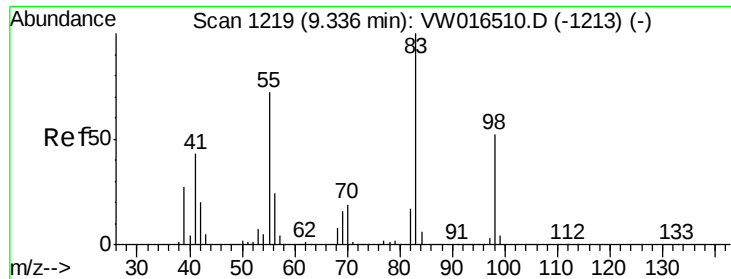
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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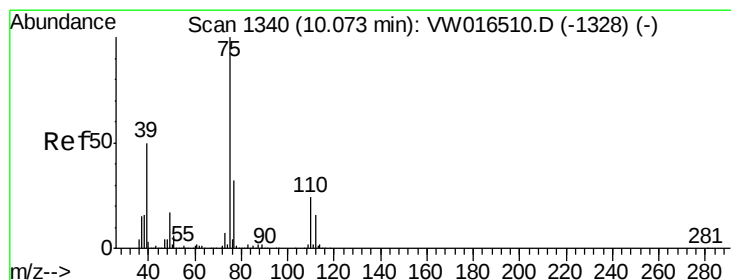
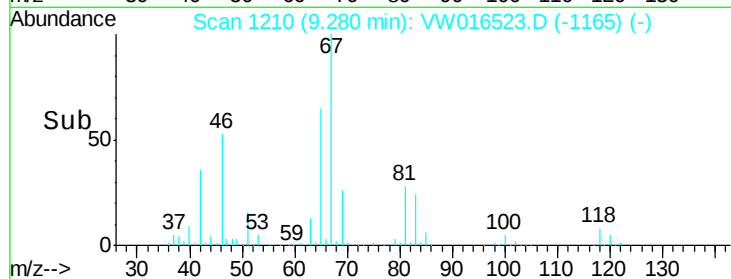
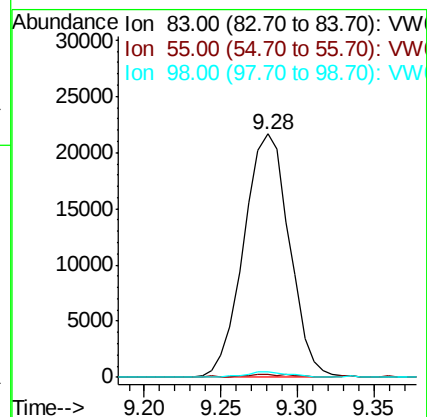
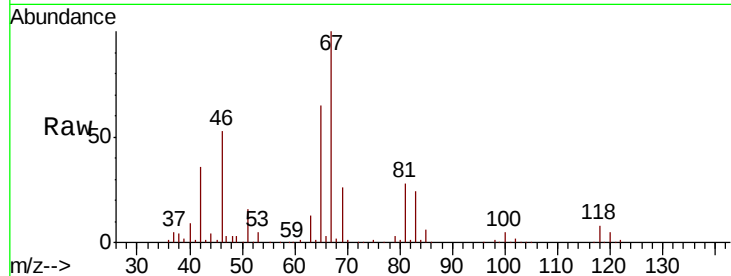




#36
Methvlcvclohexane
Concen: 3.164 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016523.D
Acq: 10 Sep 2020 14:47

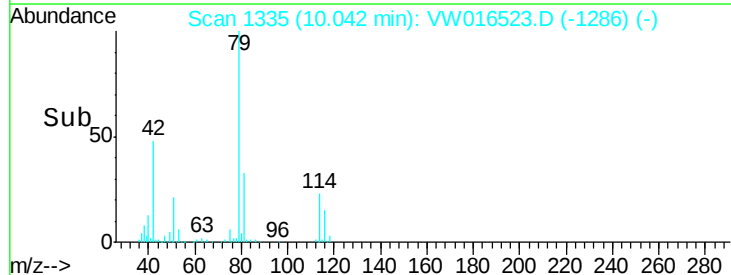
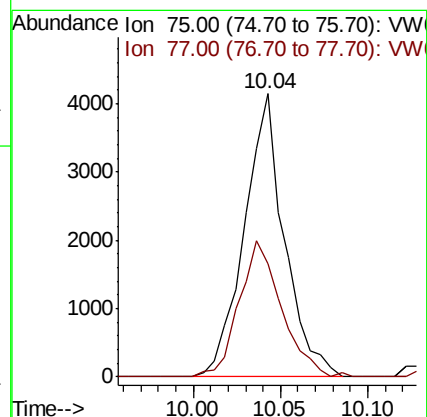
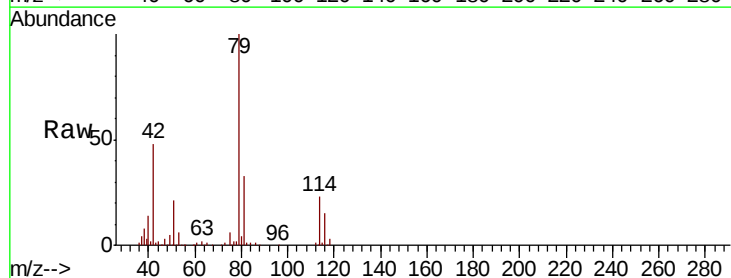
Instrument :
MSVOA_W
ClientSampled :
BFX06

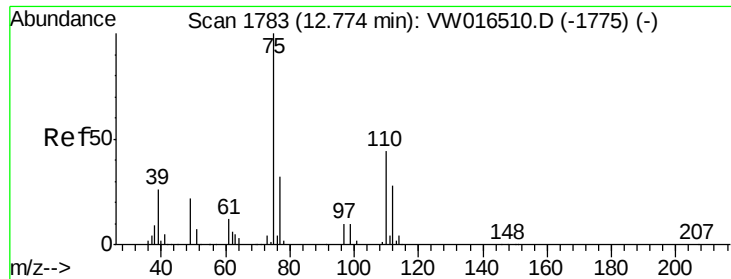
Tot Ion: 83 Resp: 45073
Ion Ratio Lower Upper
83 100
55 0.7 60.9 91.3#
98 2.1 40.0 60.0#



#42
cis-1,3-Dichloropropene
Concen: 0.536 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016523.D
Acq: 10 Sep 2020 14:47

Tgt Ion: 75 Resp: 6610
Ion Ratio Lower Upper
75 100
77 39.8 20.9 38.7#





#59

1,2,3-Trichloropropane

Concen: 6.191 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016523.D

Acq: 10 Sep 2020 14:47

Instrument :

MSVOA_W

ClientSampleId :

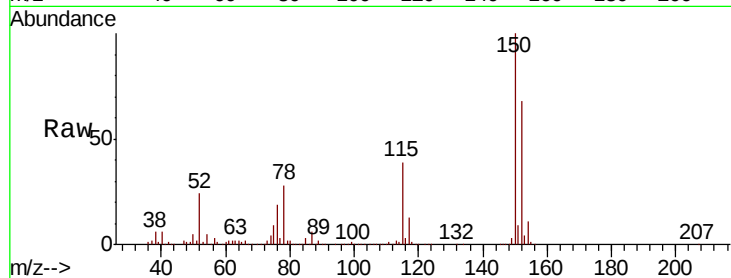
BFX06

Tot Ion: 75 Resp: 31758

Ion Ratio Lower Upper

75 100

77 38.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

