

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016065.D
 Acq On : 07 Aug 2020 10:13
 Operator : SY/VA
 Sample : L3564-05RE
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:20:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 03:18:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	374949	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337206	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151771	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72721	13.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.00%
7) Chloroethane-d5	2.89	69	65304	15.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.80%
10) 1,1-Dichloroethene-d2	4.01	63	128592	12.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.08%
20) 2-Butanone-d5	7.09	46	37654	27.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.18%
24) Chloroform-d	7.65	84	189453	17.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.96%
26) 1,2-Dichloroethane-d4	8.31	65	94899	16.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.68%#
29) Benzene-d6	8.27	84	380484	18.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.16%
33) 1,2-Dichloropropane-d6	9.27	67	114126	18.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.20%
37) Toluene-d8	10.33	98	353690	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.08%
38) trans-1,3-Dichloropropene-	10.58	79	43218	16.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.92%
39) 2-Hexanone-d5	10.93	63	29913	29.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81836	17.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	124862	21.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.40%

Target Compounds

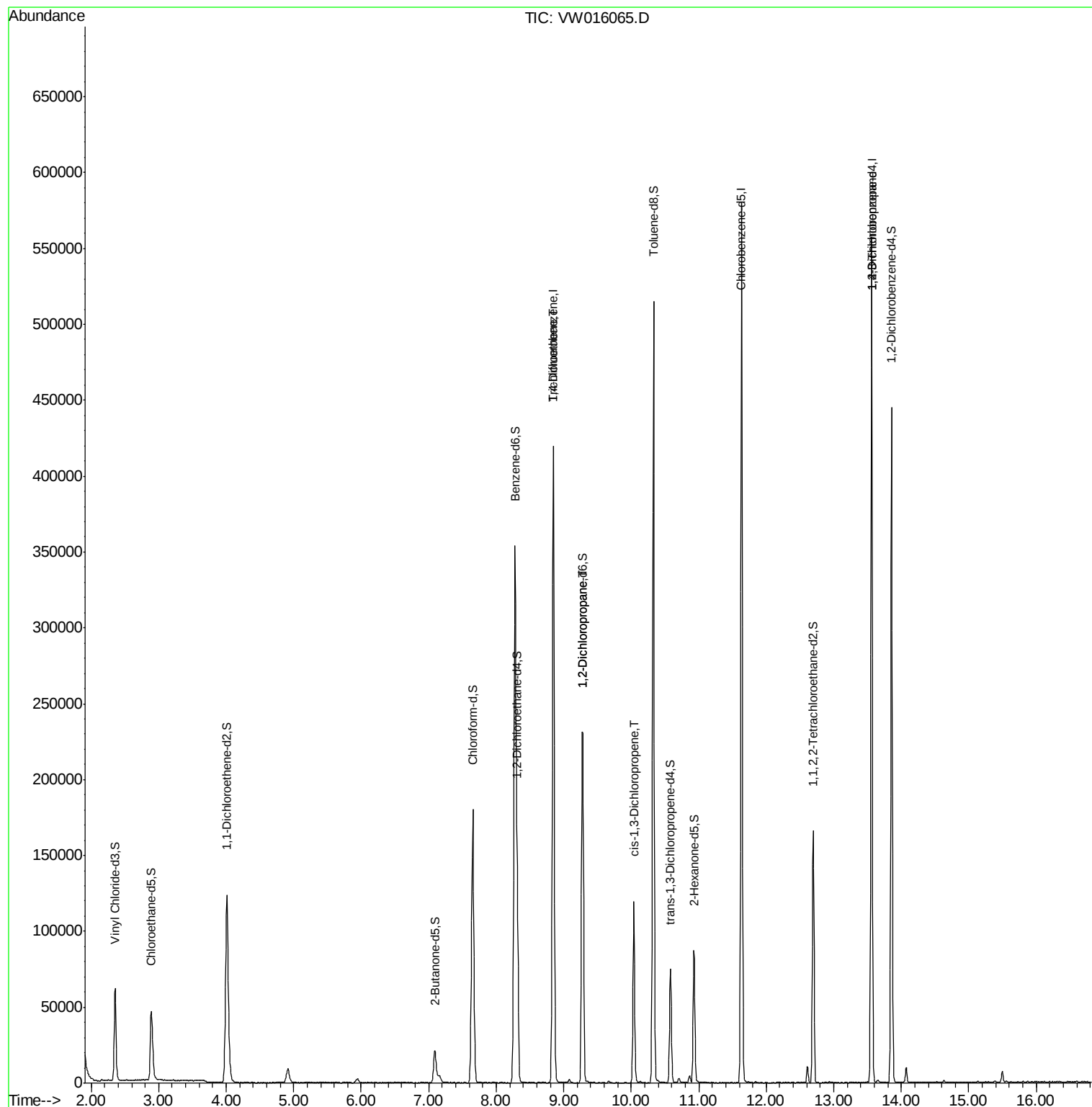
					Ovalue
35) Trichloroethene	8.84	95	10613	1.959 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	12577	2.479 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2783	0.360 ug/L #	60
59) 1,2,3-Trichloropropane	13.56	75	16474	5.132 ug/L	92

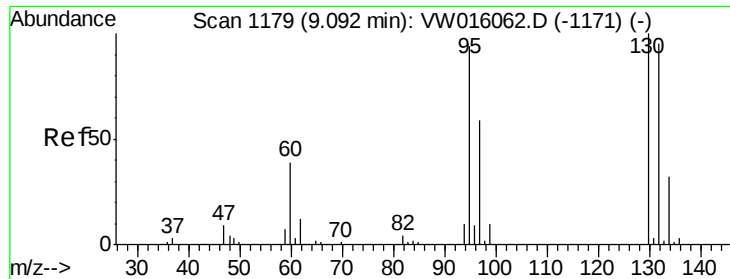
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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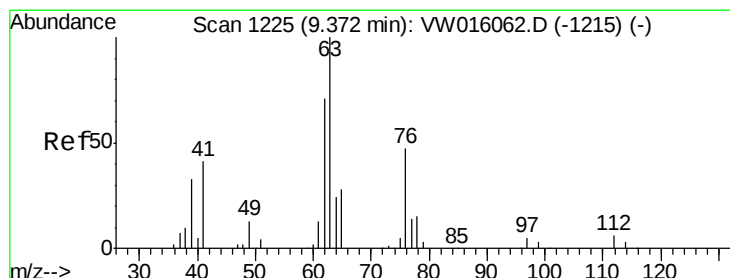
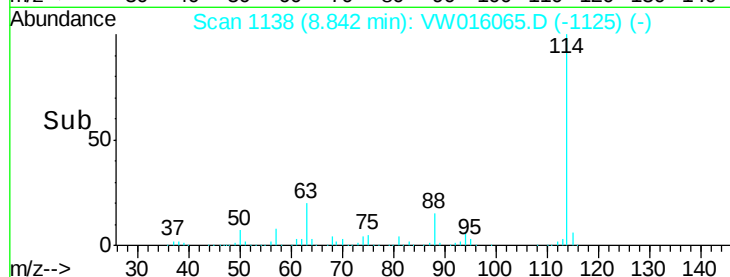
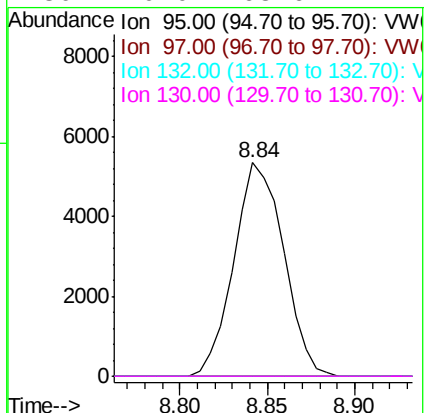
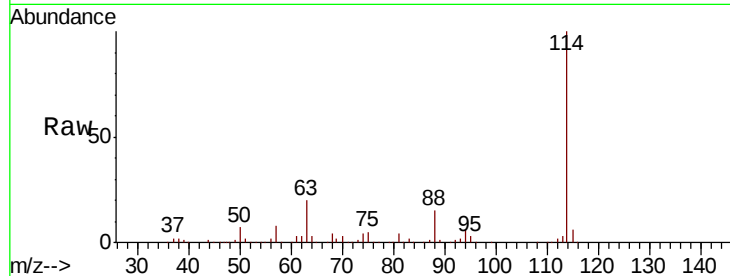




#35
 Trichloroethene
 Concen: 1.959 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW016065.D
 Acq: 07 Aug 2020 10:13

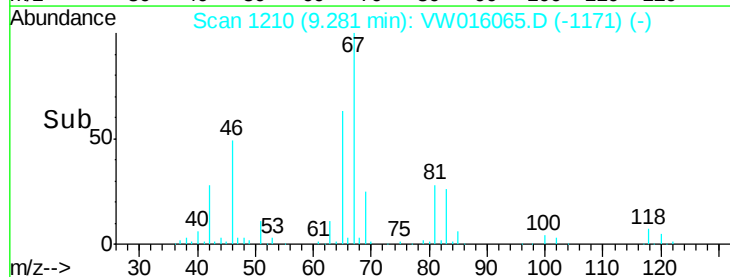
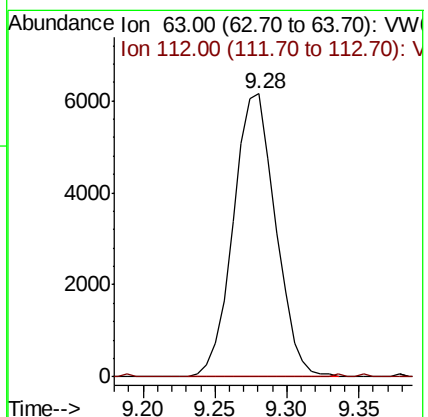
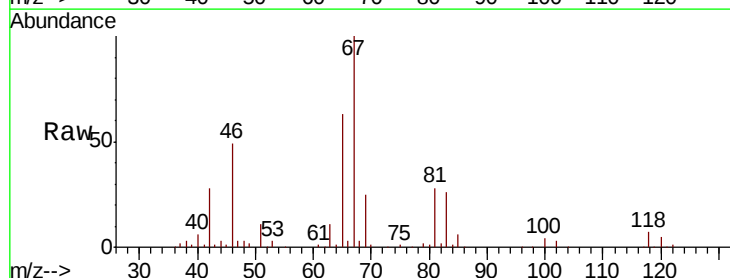
Instrument :
 MSVOA_W
 ClientSampleId :

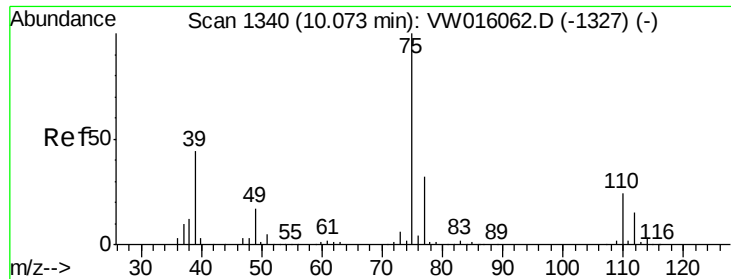
Tot Ion: 95 Resp: 10613
 Ion Ratio Lower Upper
 95 100
 97 0.2 44.4 82.4#
 132 0.0 65.1 120.9#
 130 0.0 68.6 127.4#



#40
 1,2-Dichloropropane
 Concen: 2.479 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016065.D
 Acq: 07 Aug 2020 10:13

Tgt Ion: 63 Resp: 12577
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#

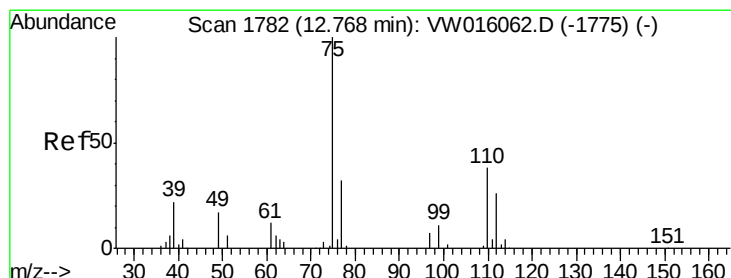
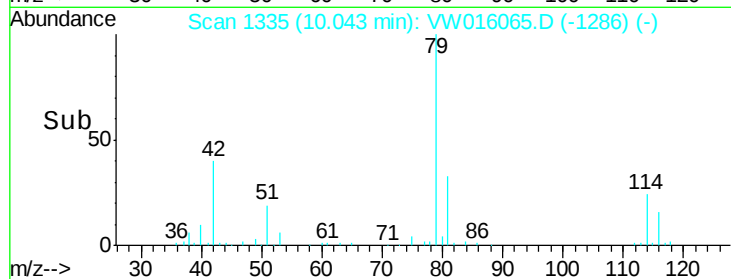
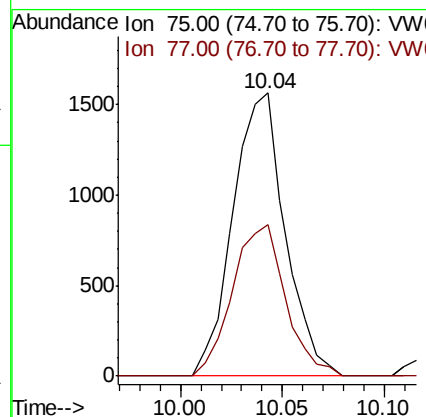
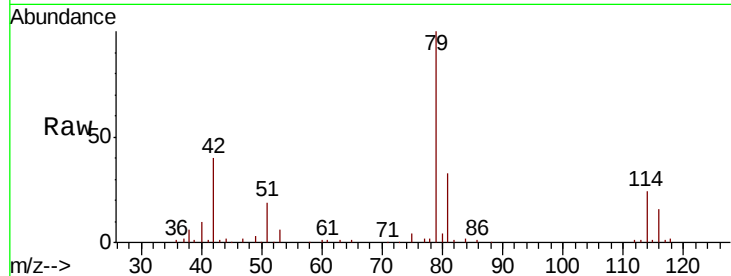




#42
 cis-1,3-Dichloropropene
 Concen: 0.360 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016065.D
 Acq: 07 Aug 2020 10:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 2783
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.132 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016065.D
 Acq: 07 Aug 2020 10:13

Tgt Ion: 75 Resp: 16474
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.0 39.0

