

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016384.D
 Acq On : 27 Aug 2020 11:57
 Operator : SY/VA
 Sample : L3807-09
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Aug 28 08:10:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	249394	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237499	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112726	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	50079	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.24%
7) Chloroethane-d5	2.89	69	40292	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.72%
10) 1,1-Dichloroethene-d2	4.02	63	94293	14.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.64%
20) 2-Butanone-d5	7.09	46	31393	41.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.90%
24) Chloroform-d	7.65	84	144032	22.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	8.31	65	79027	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.27	84	282240	21.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.16%
33) 1,2-Dichloropropane-d6	9.27	67	78037	21.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.08%
37) Toluene-d8	10.32	98	268265	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.80%
38) trans-1,3-Dichloropropene-	10.58	79	37231	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.12%
39) 2-Hexanone-d5	10.93	63	22880	38.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71228	23.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	99730	23.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.28%

Target Compounds

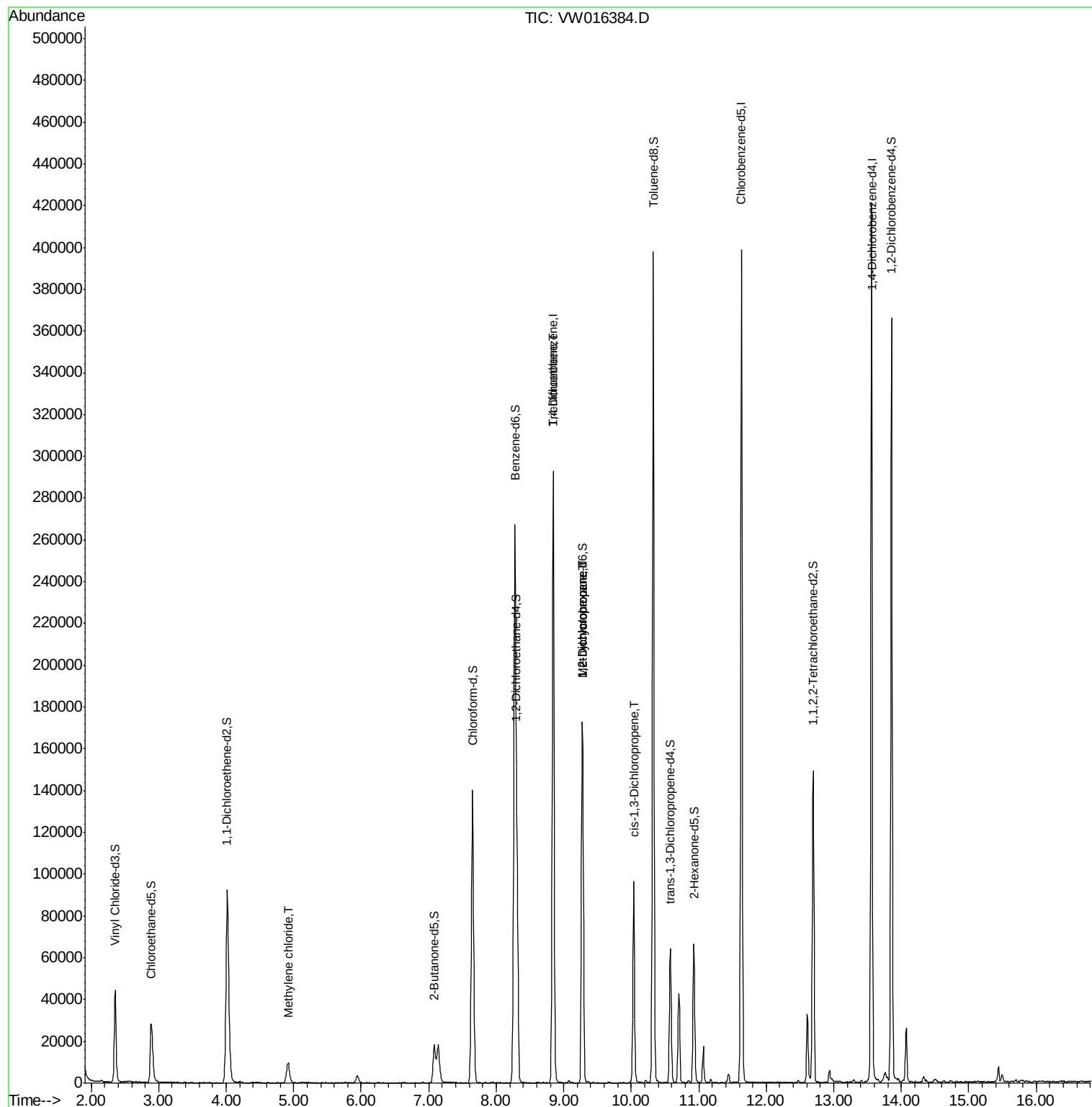
					Ovalue
16) Methylene chloride	4.92	84	8201	1.779 ug/L	96
35) Trichloroethene	8.84	95	8085	2.096 ug/L #	5
36) Methylcyclohexane	9.27	83	21648	3.438 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	9467	2.955 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2495	0.476 ug/L #	79

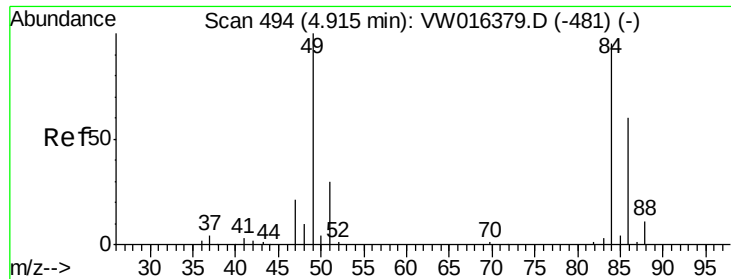
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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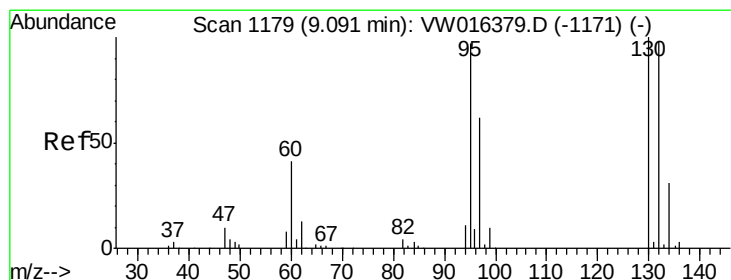
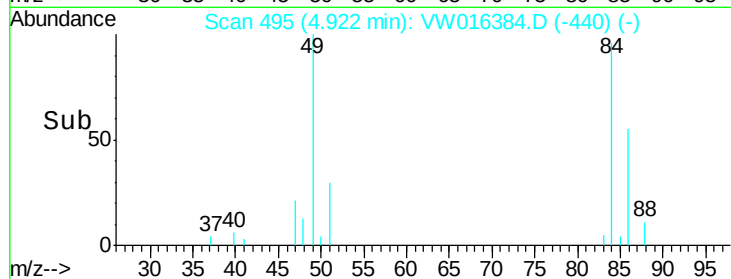
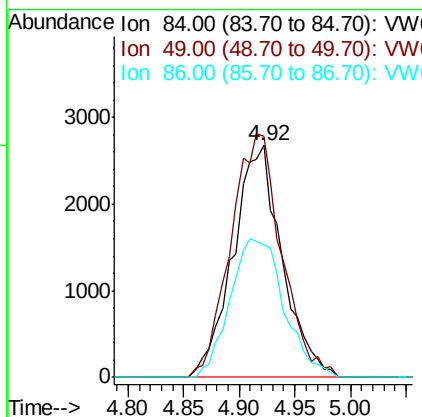
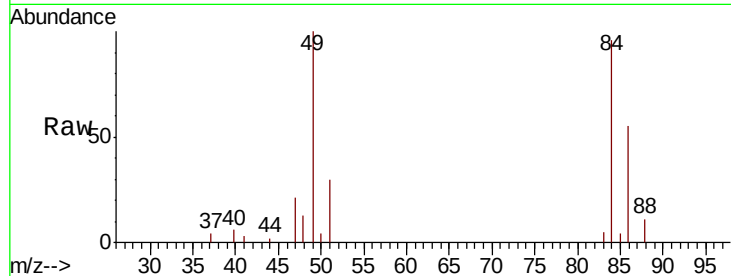




#16
Methylene chloride
Concen: 1.779 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016384.D
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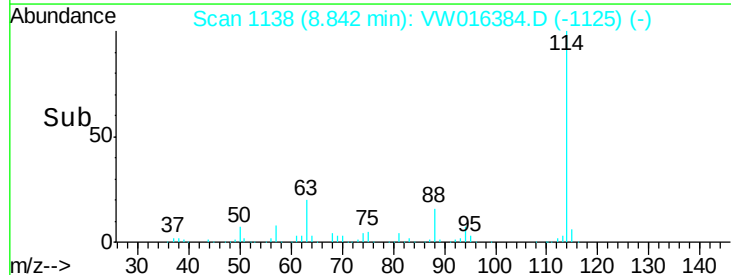
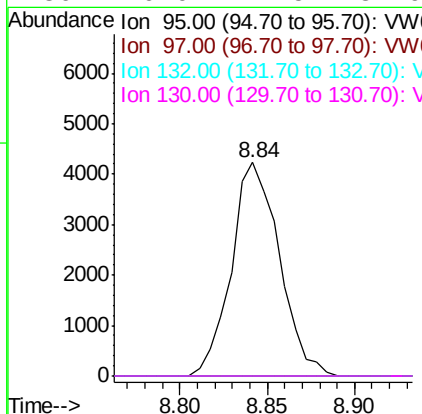
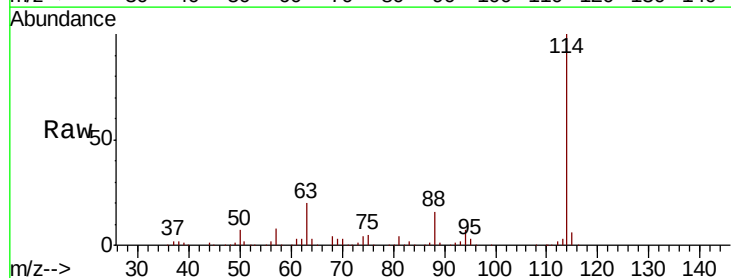
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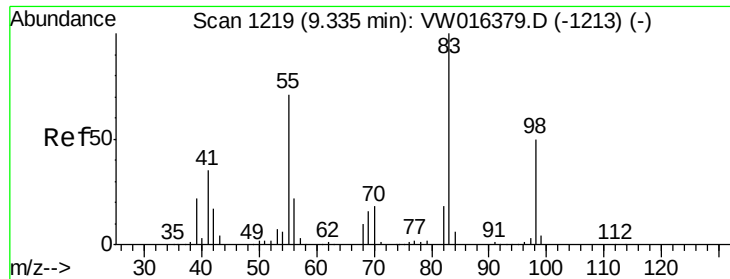
Tot Ion: 84 Resp: 8201
Ion Ratio Lower Upper
84 100
49 104.0 75.3 139.9
86 57.0 43.3 80.3



#35
Trichloroethene
Concen: 2.096 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW016384.D
Acq: 27 Aug 2020 11:57

Tgt Ion: 95 Resp: 8085
Ion Ratio Lower Upper
95 100
97 1.0 44.9 83.5#
132 0.0 68.2 126.6#
130 0.0 71.5 132.9#

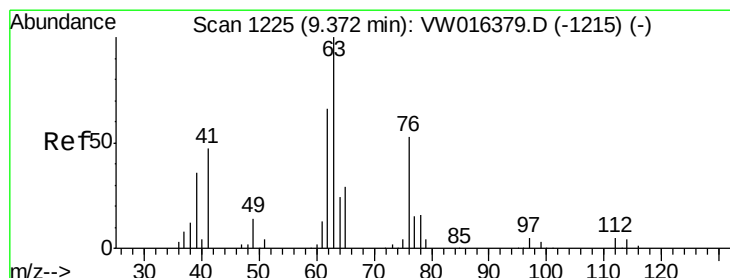
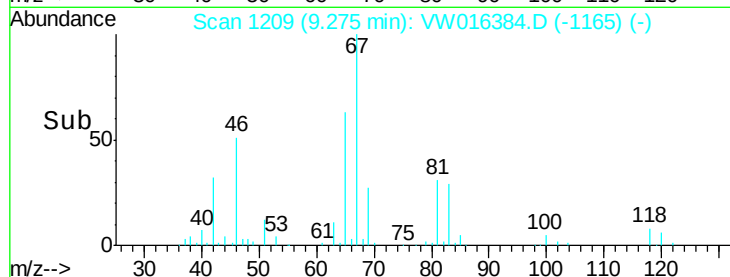
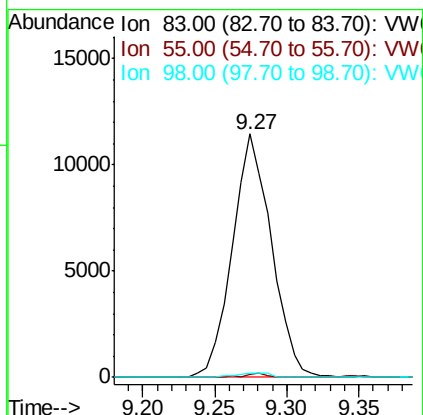
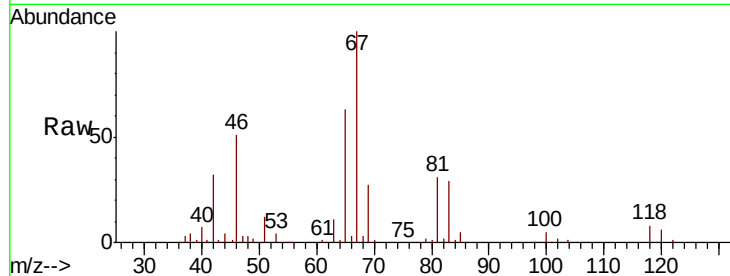




#36
Methylvlcyclohexane
Concen: 3.438 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016384.D
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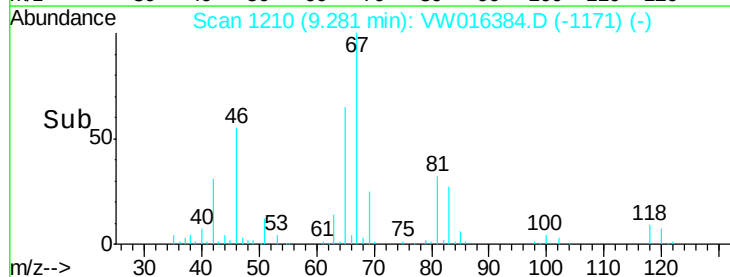
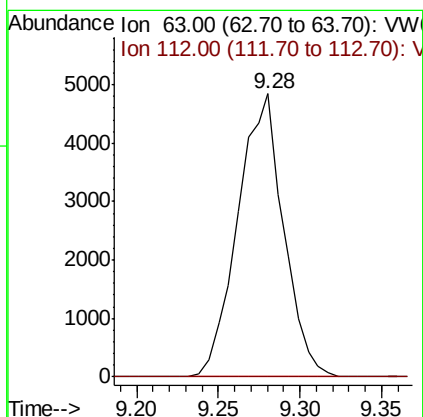
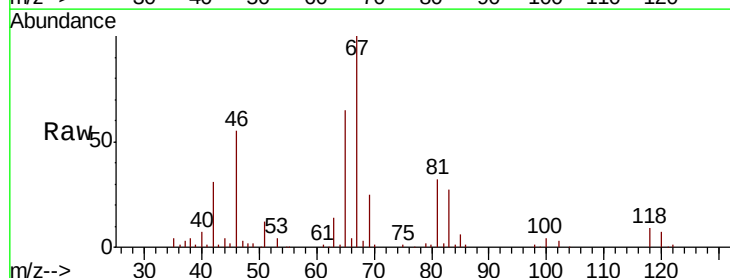
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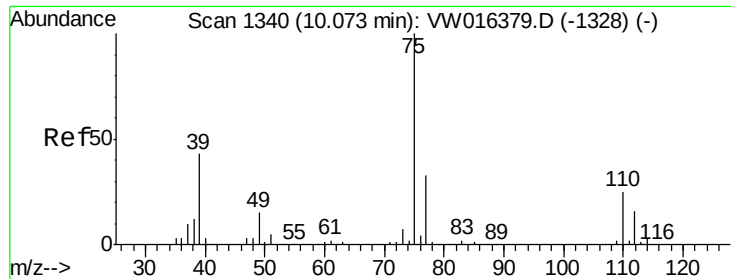
Tot Ion: 83 Resp: 21648
Ion Ratio Lower Upper
83 100
55 0.7 55.6 83.4#
98 1.6 40.6 61.0#



#40
1,2-Dichloropropane
Concen: 2.955 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016384.D
Acq: 27 Aug 2020 11:57

Tgt Ion: 63 Resp: 9467
Ion Ratio Lower Upper
63 100
112 0.8 4.4 6.6#





#42

cis-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016384.D

Acq: 27 Aug 2020 11:57

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 2495

Ion Ratio Lower Upper

75 100

77 43.0 22.0 40.8#

