

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015945.D
 Acq On : 24 Jul 2020 13:15
 Operator : SY/VA
 Sample : L3419-10
 Misc : 5.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:16:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	523878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	151549	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
7) Chloroethane-d5	2.90	69	120937	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.56%
10) 1,1-Dichloroethene-d2	4.01	63	235382	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.09	46	65151	33.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.10%
24) Chloroform-d	7.65	84	293929	19.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.92%
26) 1,2-Dichloroethane-d4	8.31	65	155407	19.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.96%
29) Benzene-d6	8.28	84	619286	21.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.84%
33) 1,2-Dichloropropane-d6	9.28	67	182887	21.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.56%
37) Toluene-d8	10.33	98	549253	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.04%
38) trans-1,3-Dichloropropene-	10.58	79	69768	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	10.93	63	50830	35.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121953	18.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	169533	21.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.56%

Target Compounds

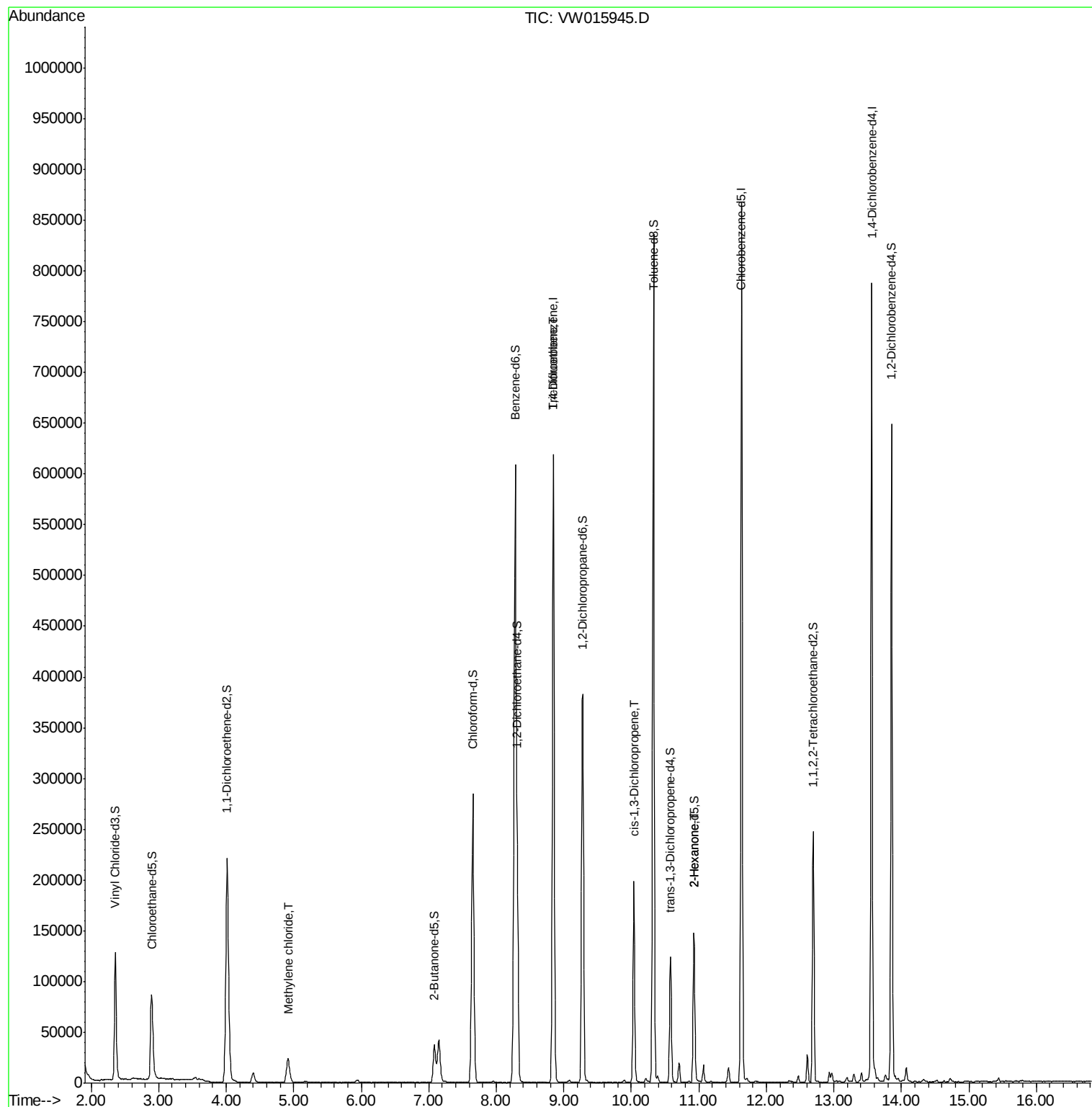
					Ovalue
16) Methylene chloride	4.92	84	19431	2.264 ug/L	90
35) Trichloroethene	8.85	95	15795	2.073 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	4973	0.458 ug/L #	77
49) 2-Hexanone	10.93	43	6914	2.340 ug/L #	68

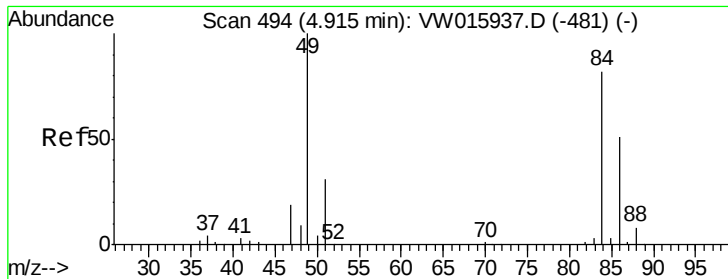
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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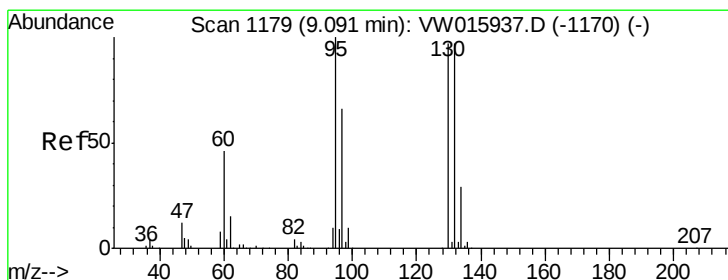
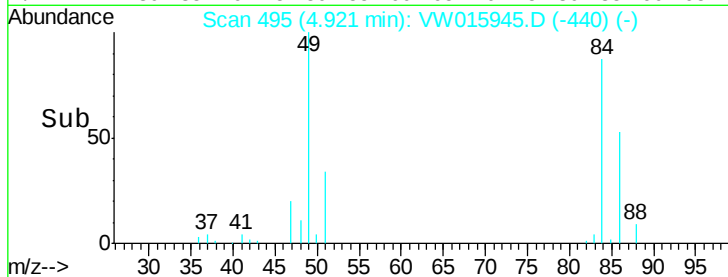
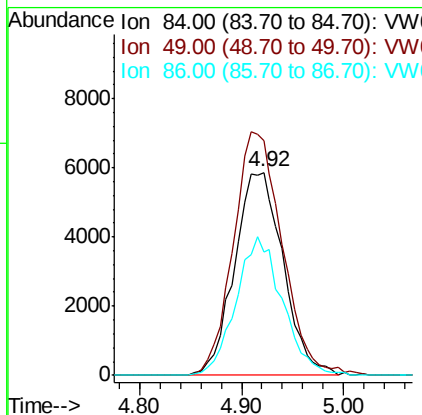
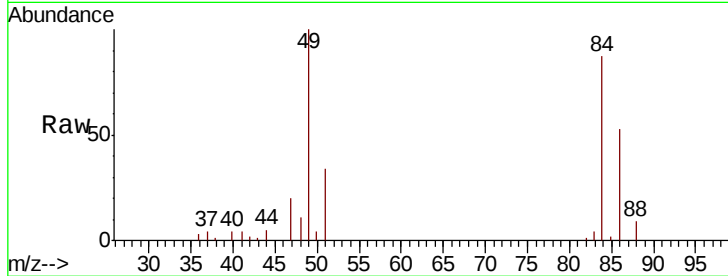




#16
Methvlene chloride
Concen: 2.264 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015945.D
Acq: 24 Jul 2020 13:15

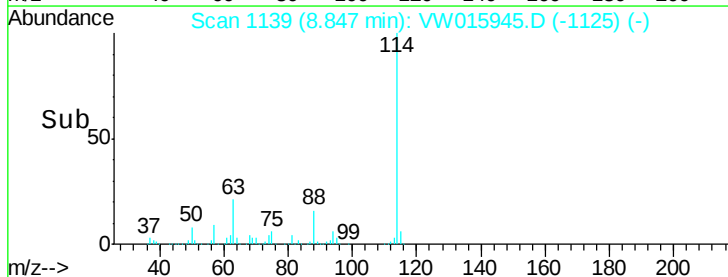
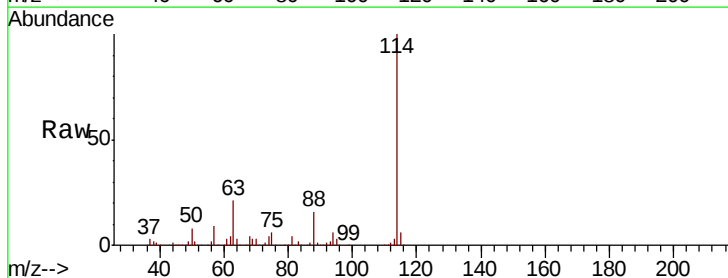
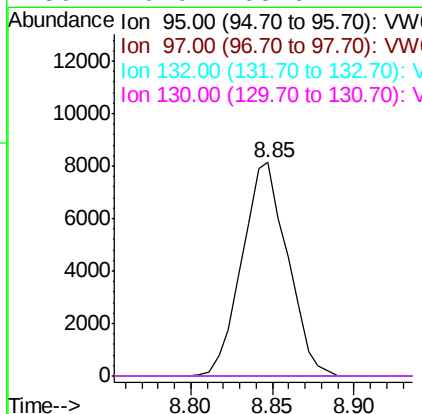
Instrument :
MSVOA_W
ClientSampleId :

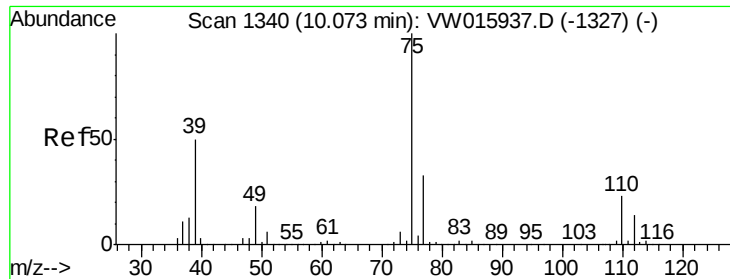
Tot Ion: 84 Resp: 19431
Ion Ratio Lower Upper
84 100
49 115.4 91.1 169.1
86 60.7 46.0 85.4



#35
Trichloroethene
Concen: 2.073 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015945.D
Acq: 24 Jul 2020 13:15

Tgt Ion: 95 Resp: 15795
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.1 120.9#
130 0.0 68.6 127.4#





#42

cis-1,3-Dichloropropene

Concen: 0.458 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW015945.D

Acq: 24 Jul 2020 13:15

Instrument :

MSVOA_W

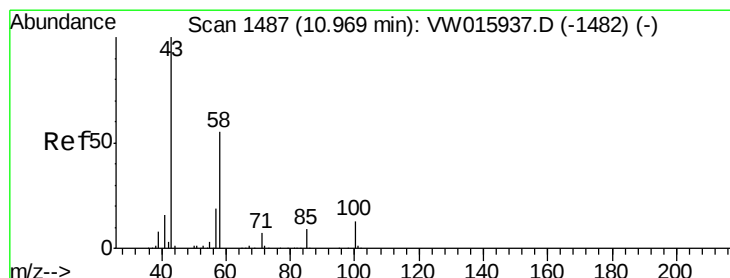
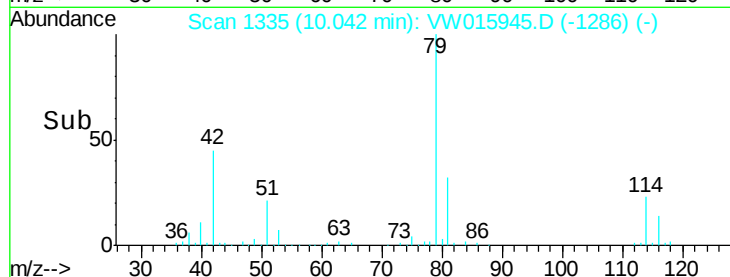
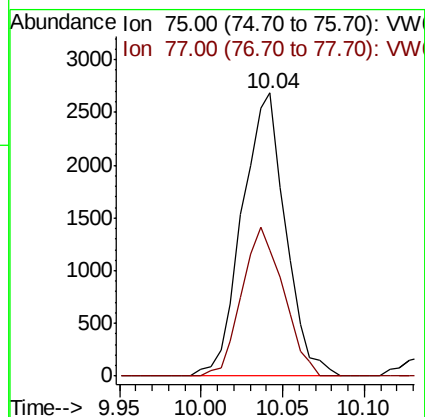
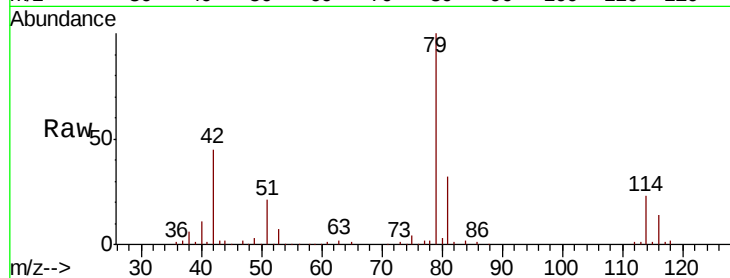
ClientSampleId :

Tot Ion: 75 Resp: 4973

Ion Ratio Lower Upper

75 100

77 44.3 22.2 41.2#



#49

2-Hexanone

Concen: 2.340 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015945.D

Acq: 24 Jul 2020 13:15

Tgt Ion: 43 Resp: 6914

Ion Ratio Lower Upper

43 100

58 24.6 42.4 63.6#

57 25.3 15.6 23.4#

100 0.4 9.8 14.6#

