

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015905.D
 Acq On : 22 Jul 2020 15:34
 Operator : SY/VA
 Sample : L3388-11
 Misc : 4.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD7

Quant Time: Jul 23 03:05:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	420300	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	362637	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140822	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110624	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.60%
7) Chloroethane-d5	2.90	69	83176	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.08%
10) 1,1-Dichloroethene-d2	4.01	63	157931	13.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.68%
20) 2-Butanone-d5	7.09	46	58811	37.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.50%
24) Chloroform-d	7.65	84	187584	15.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.56%
26) 1,2-Dichloroethane-d4	8.31	65	114788	17.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.84%
29) Benzene-d6	8.28	84	378445	17.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.56%
33) 1,2-Dichloropropane-d6	9.27	67	113203	17.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.44%#
37) Toluene-d8	10.33	98	328475	16.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.72%
38) trans-1,3-Dichloropropene-	10.58	79	44687	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.36%
39) 2-Hexanone-d5	10.93	63	43975	39.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98856	19.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	89028	16.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.84%#

Target Compounds

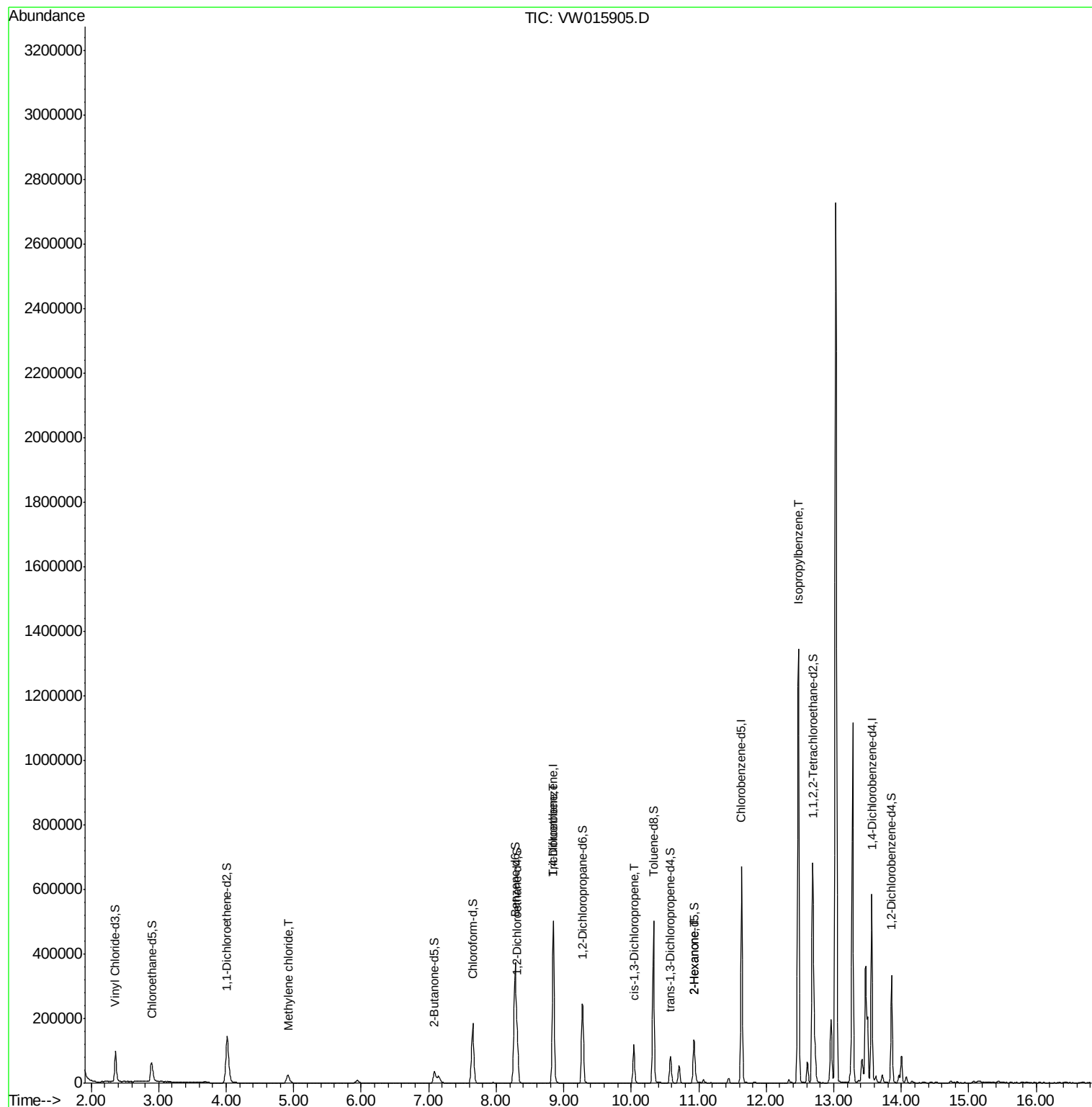
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	18874	2.741	ug/L	95
35) Trichloroethene	8.84	95	12610	2.164	ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	3012	0.362	ug/L #	59
49) 2-Hexanone	10.93	43	5522	2.443	ug/L #	72
57) Isopropylbenzene	12.48	105	54314	2.180	ug/L #	1

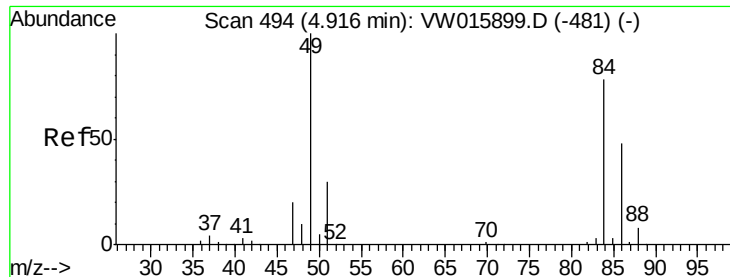
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 23 03:03:27 2020
Response via : Initial Calibration

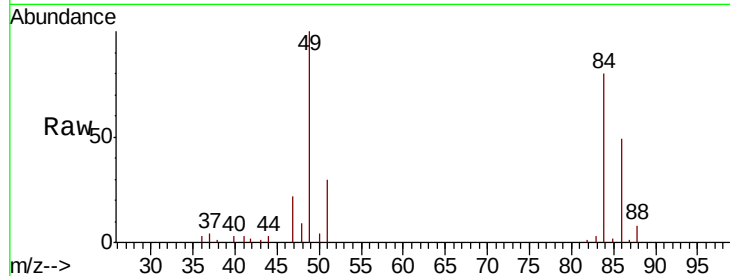




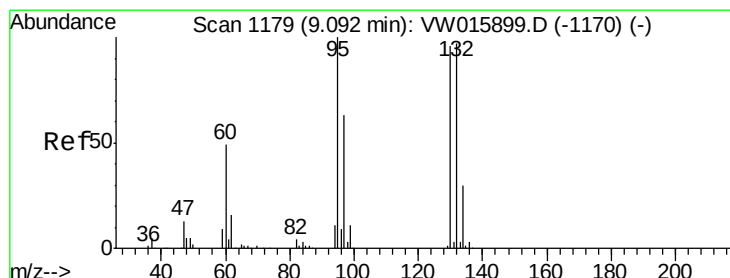
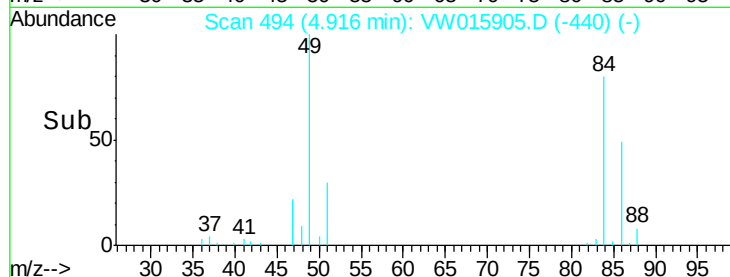
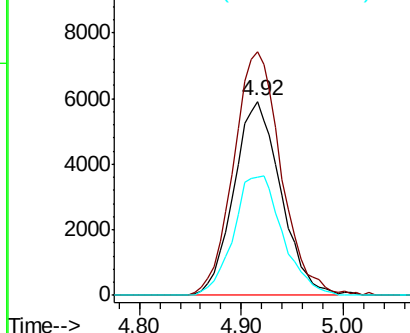
#16
Methylene chloride
Concen: 2.741 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015905.D
Acq: 22 Jul 2020 15:34

Instrument :
MSVOA_W
ClientSampleId :
C0AD7

Tot Ion: 84 Resp: 18874
Ion Ratio Lower Upper
84 100
49 125.5 91.1 169.1
86 61.0 46.0 85.4

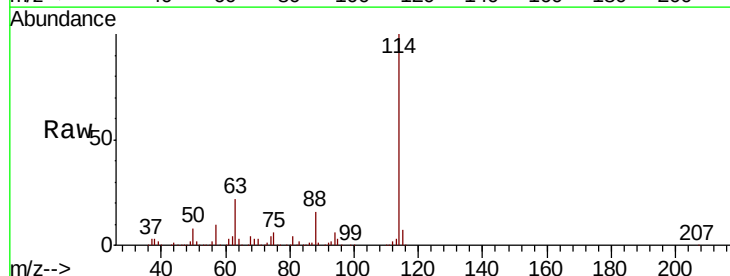


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

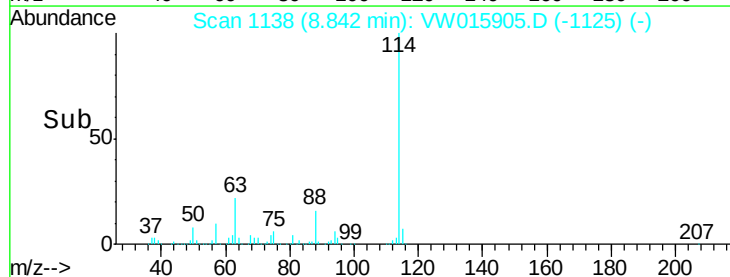
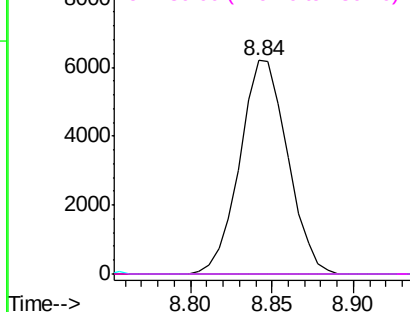


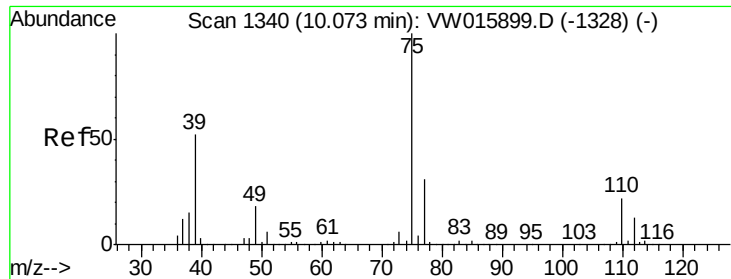
#35
Trichloroethene
Concen: 2.164 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW015905.D
Acq: 22 Jul 2020 15:34

Tgt Ion: 95 Resp: 12610
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#



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.362 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW015905.D

Acq: 22 Jul 2020 15:34

Instrument :

MSVOA_W

ClientSampleId :

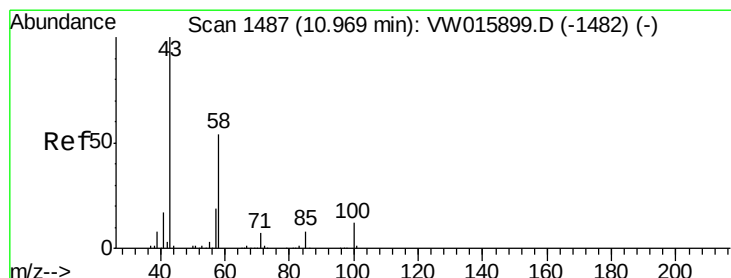
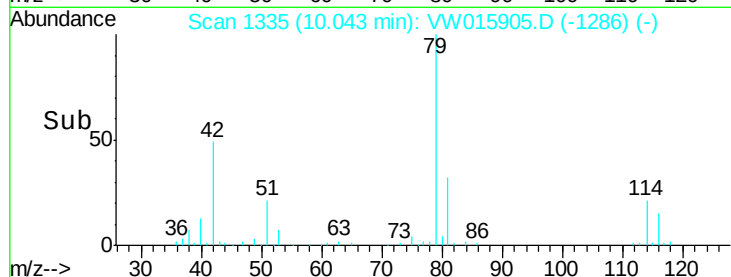
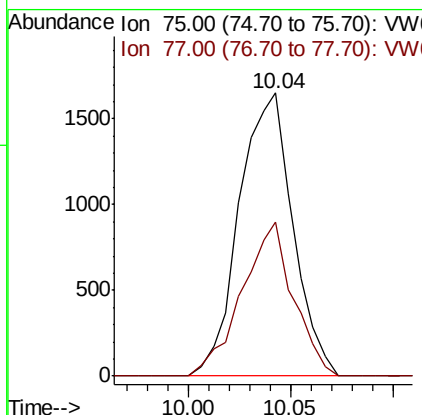
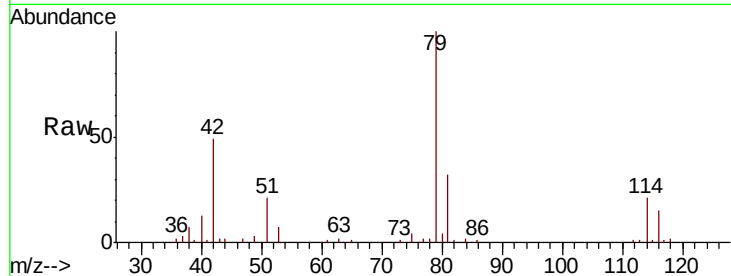
C0AD7

Tot Ion: 75 Resp: 3012

Ion Ratio Lower Upper

75 100

77 54.3 22.2 41.2#



#49

2-Hexanone

Concen: 2.443 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW015905.D

Acq: 22 Jul 2020 15:34

Tgt Ion: 43 Resp: 5522

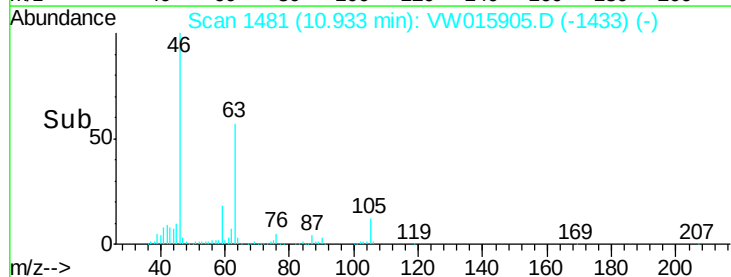
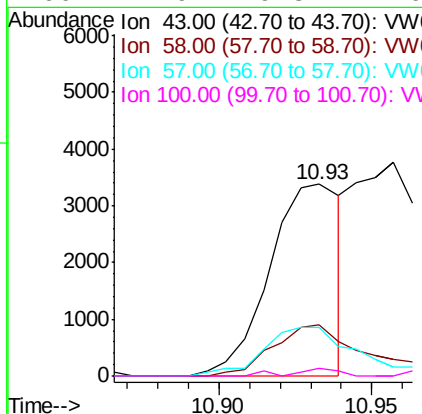
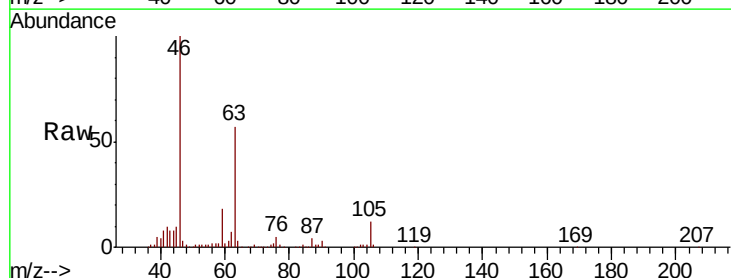
Ion Ratio Lower Upper

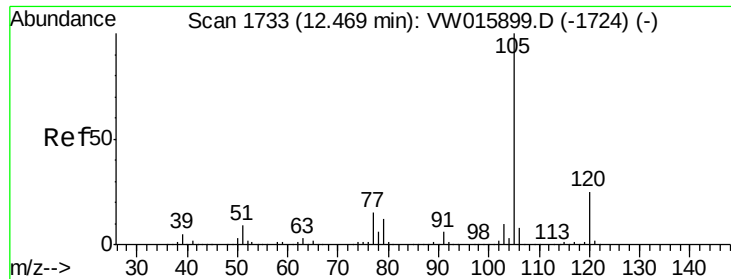
43 100

58 33.7 42.4 63.6#

57 34.1 15.6 23.4#

100 1.9 9.8 14.6#





#57

Isopropylbenzene

Concen: 2.180 ug/L

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW015905.D

Acq: 22 Jul 2020 15:34

Instrument :

MSVOA_W

ClientSampleId :

C0AD7

Tot Ion:105 Resp: 54314

Ion Ratio Lower Upper

105 100

120 7.2 20.4 30.6#

77 284.3 12.9 19.3#

