

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015559.D
 Acq On : 08 Jun 2020 16:11
 Operator : SY/VA
 Sample : L2848-12RE
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:04:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338514	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148505	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117453	34.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.08%
7) Chloroethane-d5	2.90	69	91227	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.28%
10) 1,1-Dichloroethene-d2	4.01	63	170744	20.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.20%
20) 2-Butanone-d5	7.08	46	43830	38.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.76%
24) Chloroform-d	7.65	84	201616	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	8.31	65	111207	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.76%
29) Benzene-d6	8.27	84	409617	24.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.68%
33) 1,2-Dichloropropane-d6	9.27	67	116017	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.00%
37) Toluene-d8	10.32	98	380558	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
38) trans-1,3-Dichloropropene-	10.58	79	48282	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	10.93	63	33696	38.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75439	19.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	115526	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%

Target Compounds

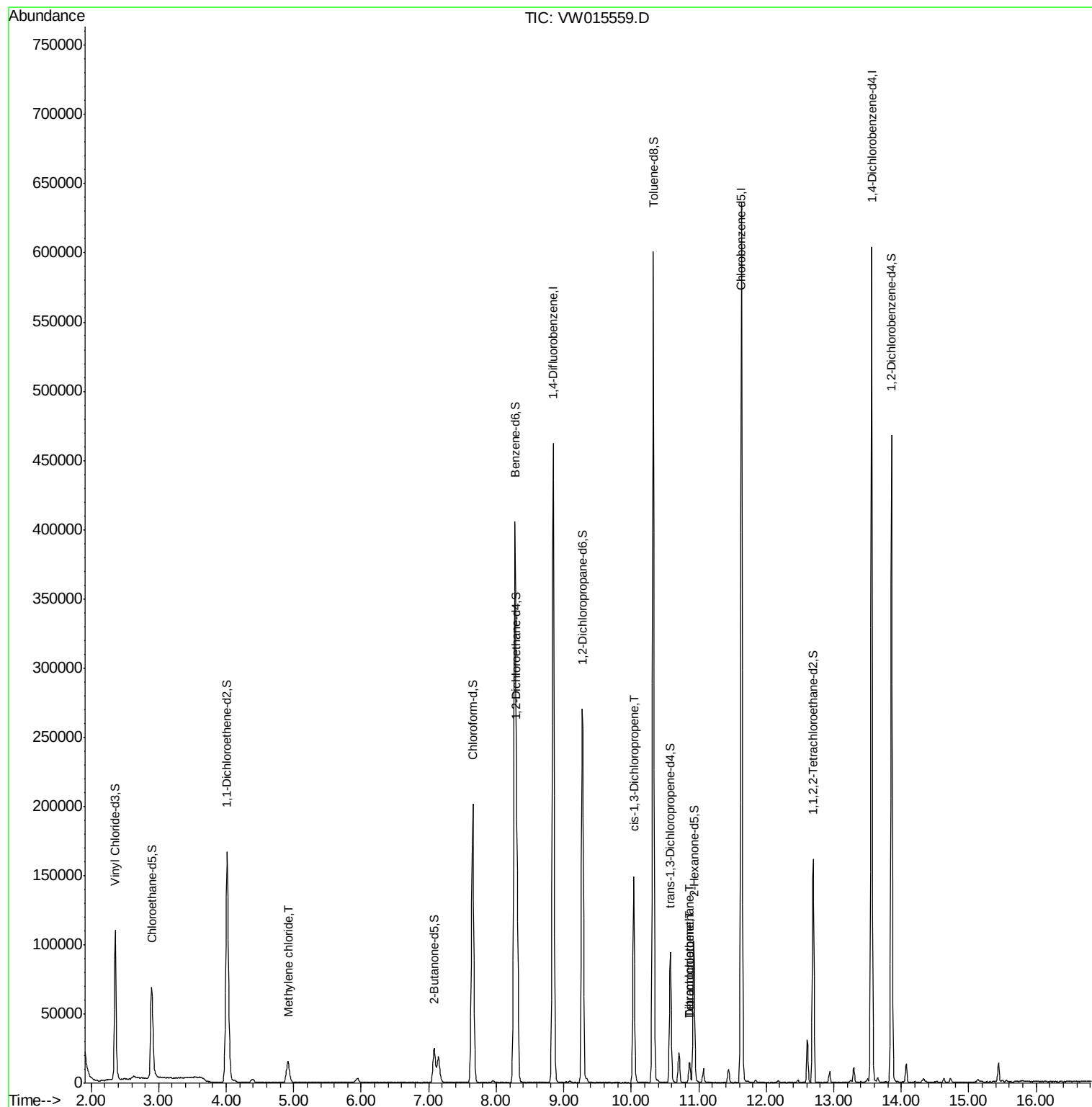
					Ovalue
16) Methylene chloride	4.92	84	11567	2.501 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	3913	0.525 ug/L #	57
47) Tetrachloroethene	10.87	164	3278	0.813 ug/L	93
50) Dibromochloromethane	10.87	129	3260	0.823 ug/L #	12

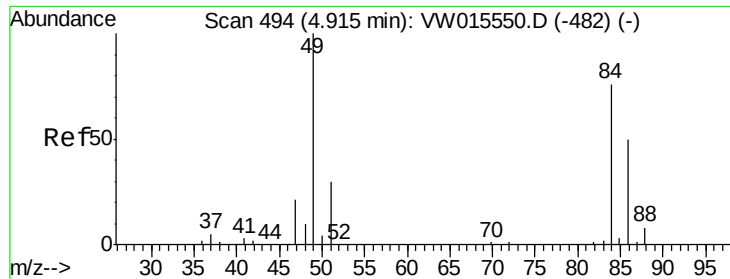
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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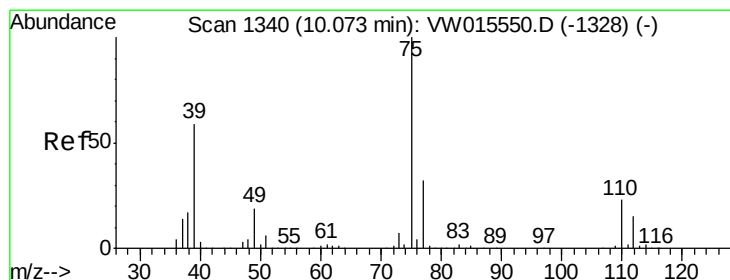
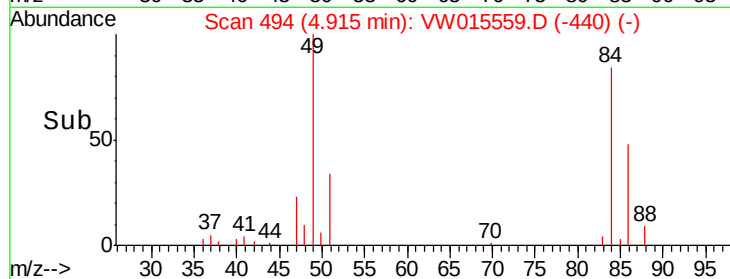
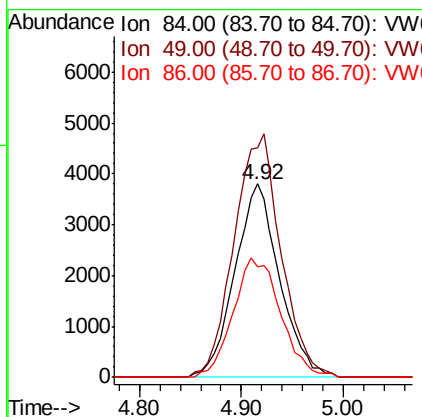
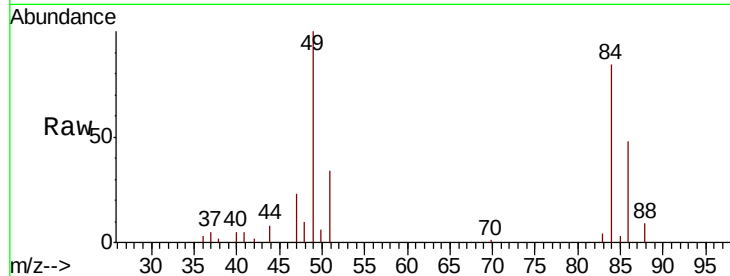




#16
Methylene chloride
Concen: 2.501 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015559.D
Acq: 08 Jun 2020 16:11

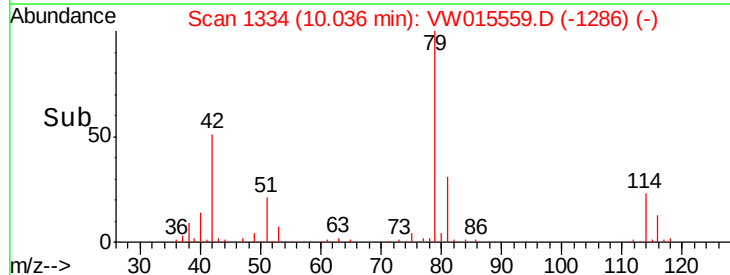
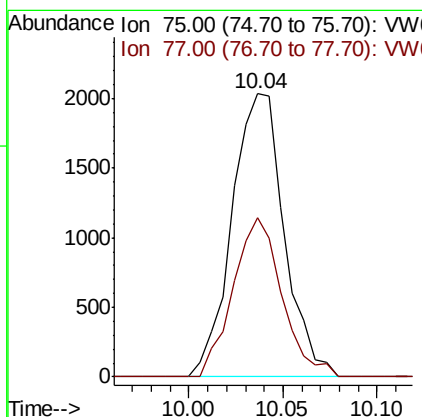
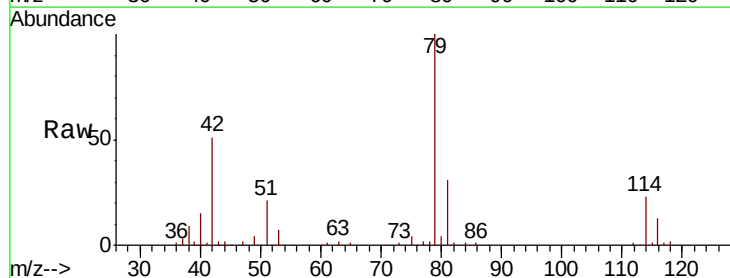
Instrument :
MSVOA_W
ClientSampleId :

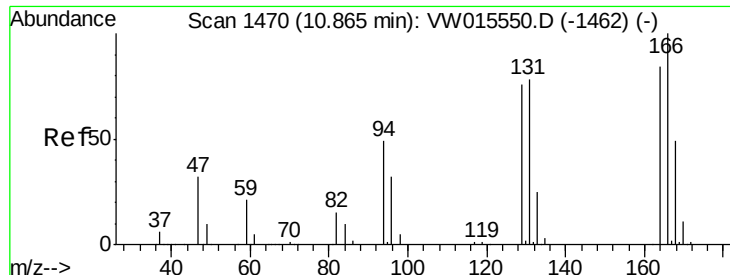
Tot Ion: 84 Resp: 11567
Ion Ratio Lower Upper
84 100
49 118.8 93.0 172.8
86 57.1 44.7 83.1



#42
cis-1,3-Dichloropropene
Concen: 0.525 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015559.D
Acq: 08 Jun 2020 16:11

Tgt Ion: 75 Resp: 3913
Ion Ratio Lower Upper
75 100
77 56.0 22.3 41.5#





#47

Tetrachloroethene

Concen: 0.813 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW015559.D

Acq: 08 Jun 2020 16:11

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 3278

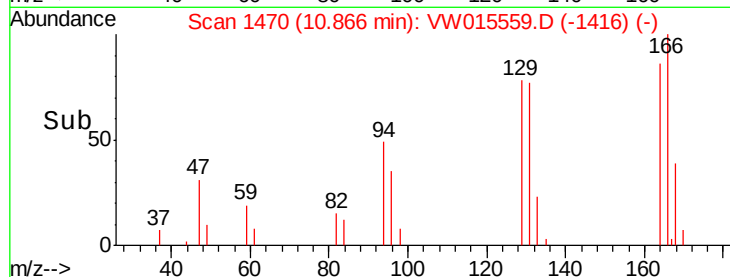
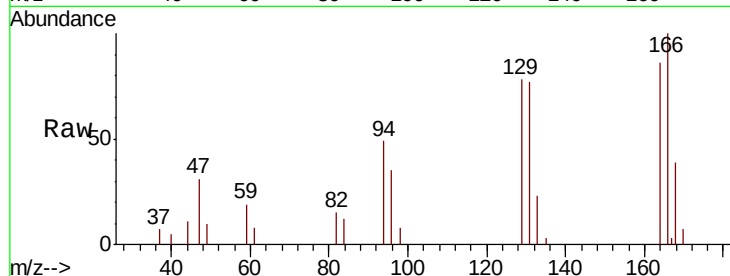
Ion Ratio Lower Upper

164 100

129 91.2 66.3 123.1

131 89.3 65.1 120.9

166 116.7 90.8 168.6

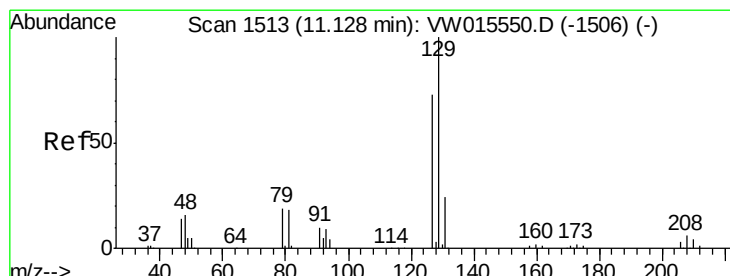
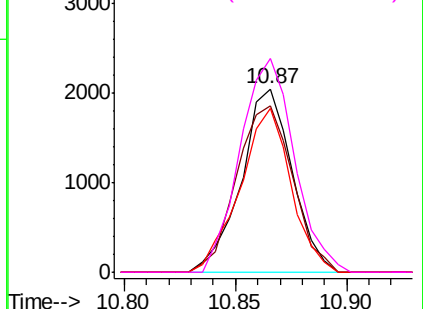


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 0.823 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW015559.D

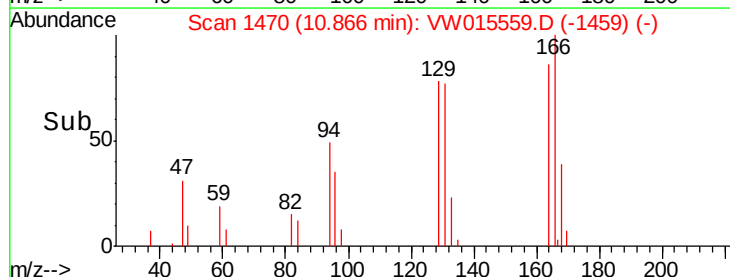
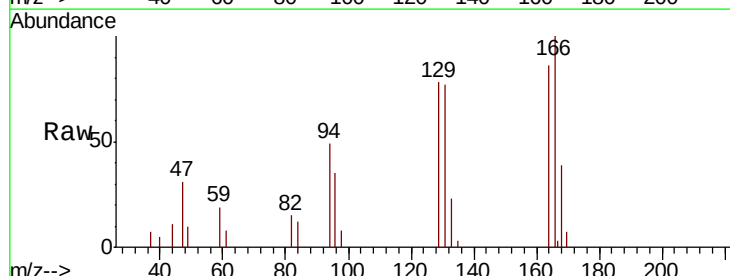
Acq: 08 Jun 2020 16:11

Tgt Ion:129 Resp: 3260

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

