

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060520\
 Data File : VW015540.D
 Acq On : 05 Jun 2020 14:25
 Operator : SY/VA
 Sample : L2848-07
 Misc : 4.90G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AG5

Quant Time: Jun 06 04:10:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 04:08:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	423854	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	369021	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164382	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136323	35.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	140.40%
7) Chloroethane-d5	2.90	69	104143	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.84%
10) 1,1-Dichloroethene-d2	4.01	63	197117	20.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.32%
20) 2-Butanone-d5	7.08	46	41482	32.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.42%
24) Chloroform-d	7.65	84	223123	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.31	65	118617	21.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.00%
29) Benzene-d6	8.27	84	454424	25.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.44%
33) 1,2-Dichloropropane-d6	9.27	67	127704	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.88%
37) Toluene-d8	10.32	98	425231	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	10.58	79	53721	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	10.93	63	33417	35.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78580	18.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	124390	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds

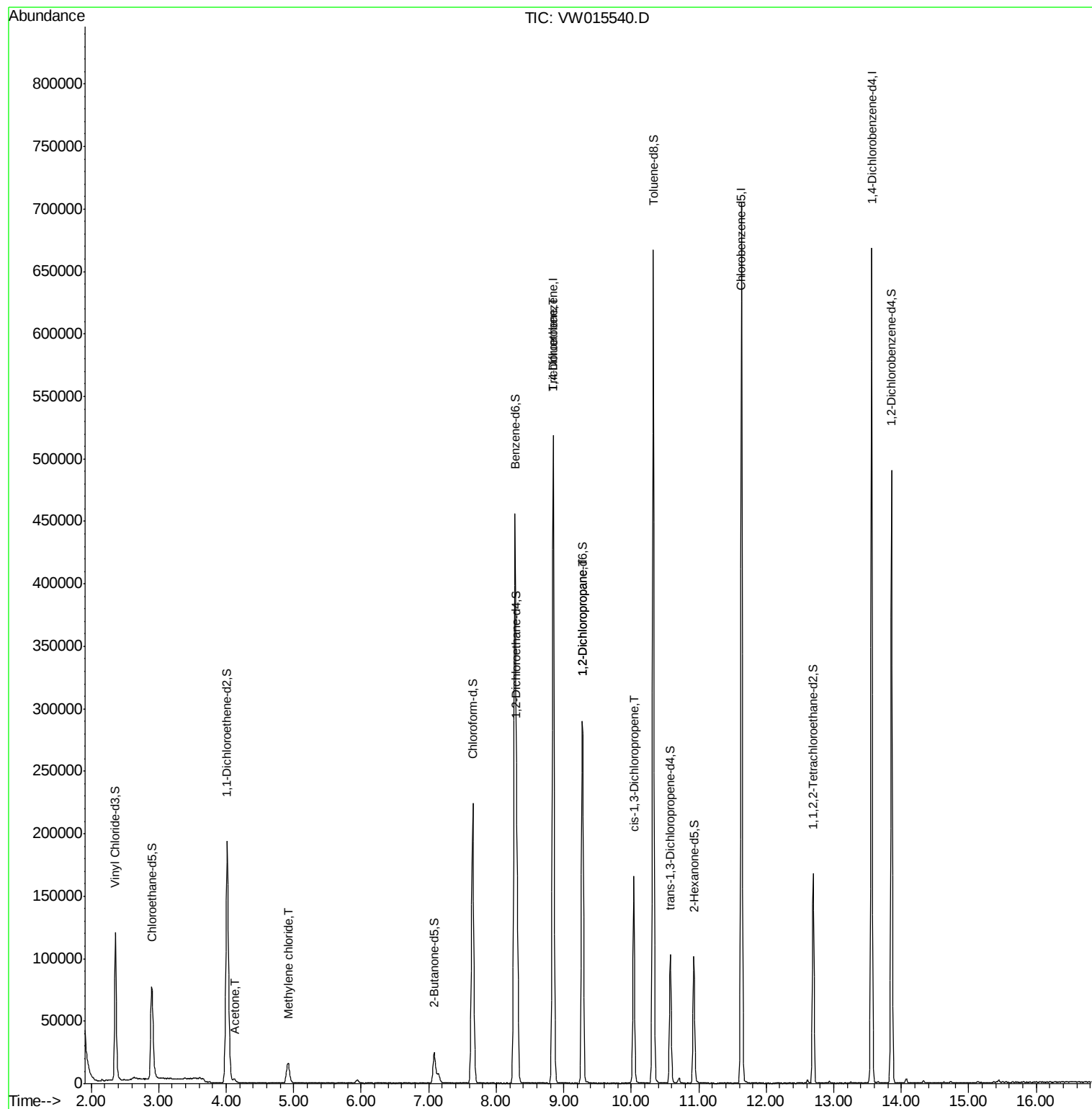
					Ovalue
13) Acetone	4.12	43	4876	4.974 ug/L	95
16) Methylene chloride	4.92	84	12859	2.472 ug/L	95
35) Trichloroethene	8.84	95	13073	2.358 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	15388	3.028 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4567	0.562 ug/L #	77

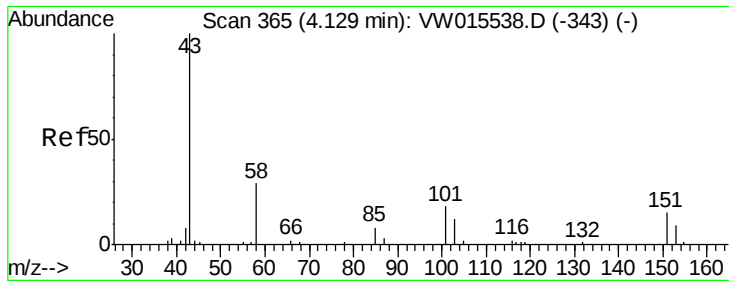
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.974 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015540.D

Acq: 05 Jun 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

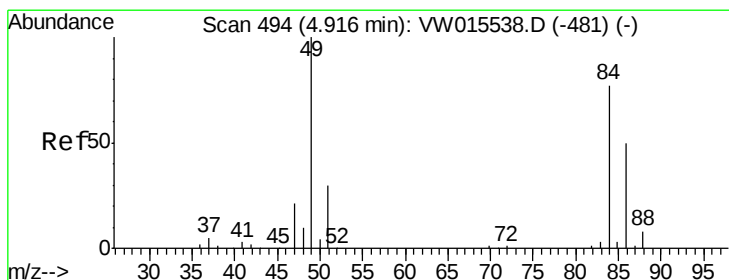
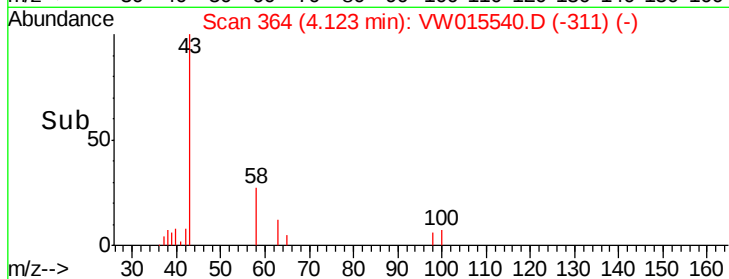
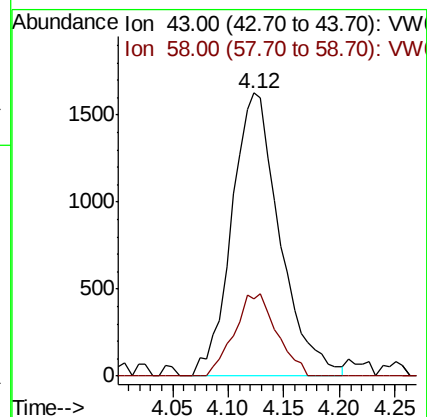
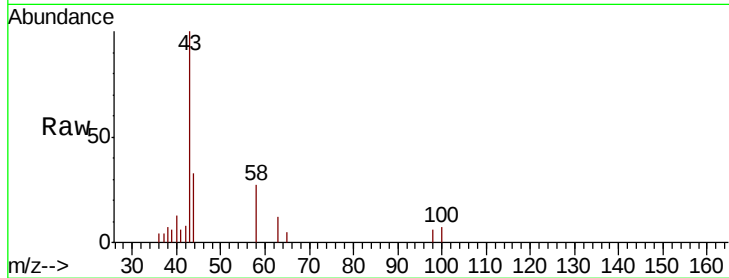
C0AG5

Tot Ion: 43 Resp: 4876

Ion Ratio Lower Upper

43 100

58 25.5 0.0 56.8



#16

Methylene chloride

Concen: 2.472 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015540.D

Acq: 05 Jun 2020 14:25

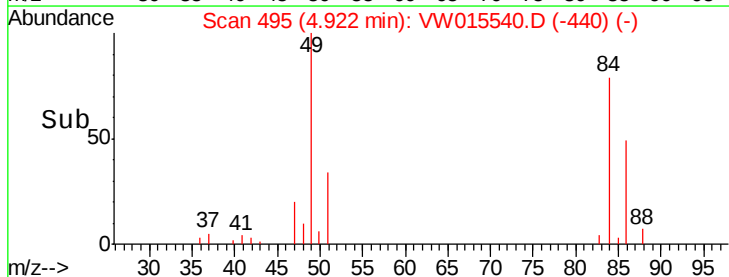
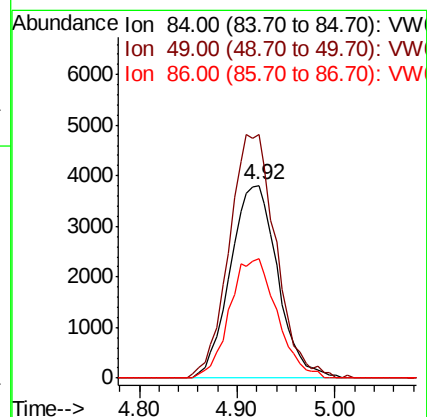
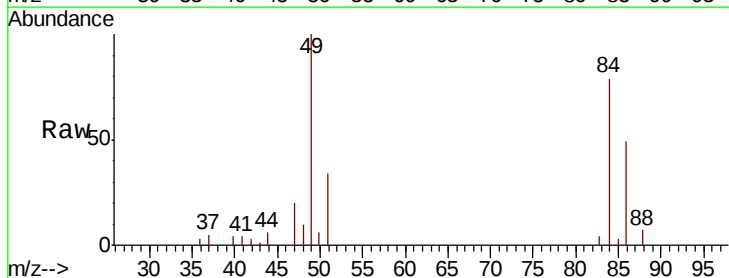
Tgt Ion: 84 Resp: 12859

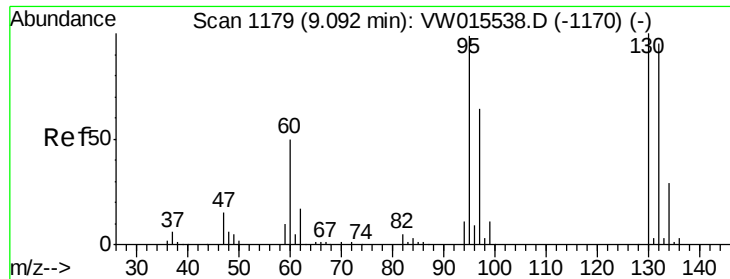
Ion Ratio Lower Upper

84 100

49 126.4 93.0 172.8

86 62.1 44.7 83.1





#35

Trichloroethene

Concen: 2.358 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015540.D

Acq: 05 Jun 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

C0AG5

Tot Ion: 95 Resp: 13073

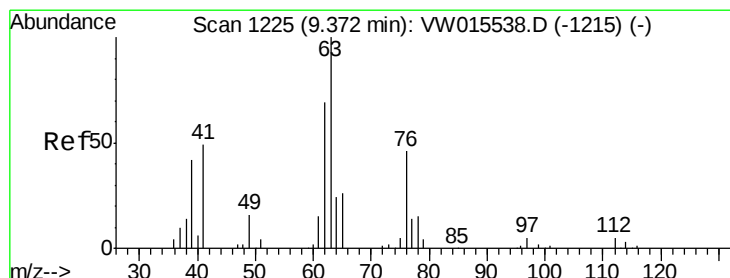
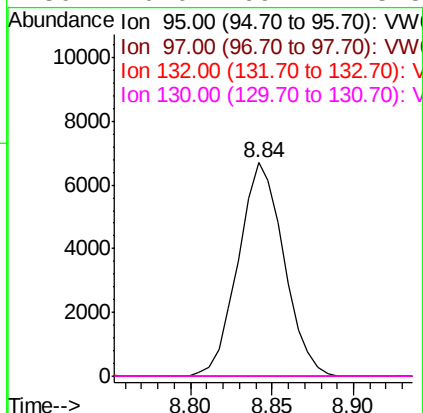
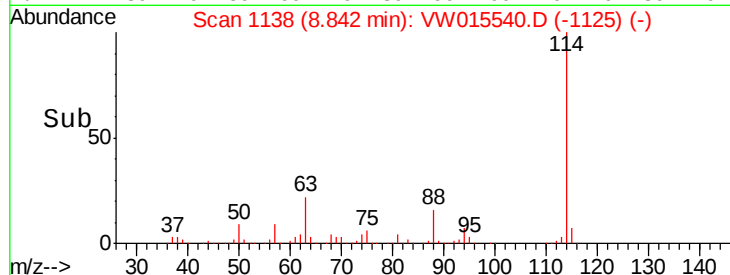
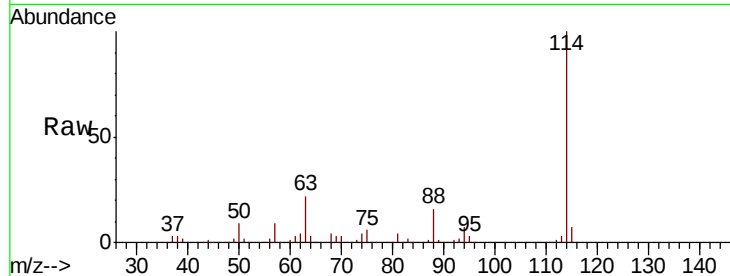
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#



#40

1,2-Dichloropropane

Concen: 3.028 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015540.D

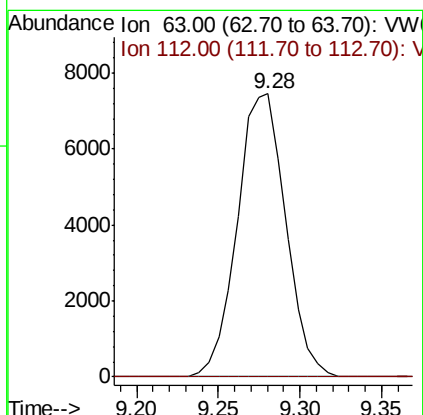
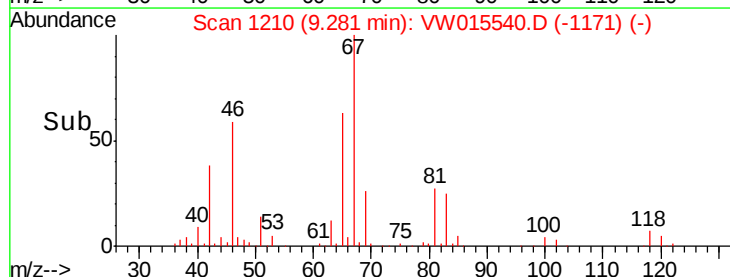
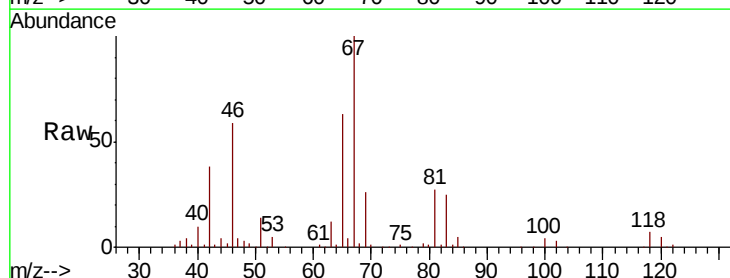
Acq: 05 Jun 2020 14:25

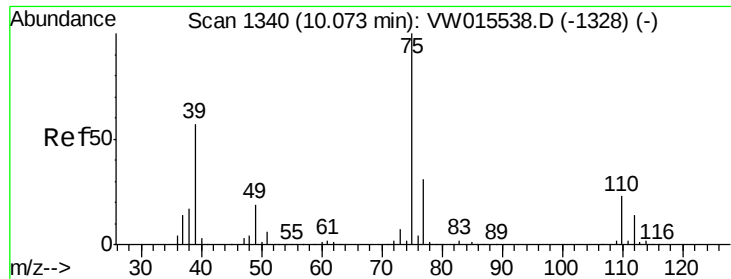
Tgt Ion: 63 Resp: 15388

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#42
 cis-1,3-Dichloropropene
 Concen: 0.562 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015540.D
 Acq: 05 Jun 2020 14:25

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AG5

Tot Ion: 75 Resp: 4567
 Ion Ratio Lower Upper
 75 100
 77 44.5 22.3 41.5#

