

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015372.D
 Acq On : 28 Apr 2020 20:24
 Operator : SY/VA
 Sample : VIBLK
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 02:07:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 02:04:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	377103	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340444	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	172287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58817	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
7) Chloroethane-d5	2.89	69	61284	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.68%
10) 1,1-Dichloroethene-d2	4.01	63	98720	14.23	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.92%
20) 2-Butanone-d5	7.08	46	40707	48.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.48%
24) Chloroform-d	7.65	84	164228	19.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.24%
26) 1,2-Dichloroethane-d4	8.30	65	91810	21.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.04%
29) Benzene-d6	8.27	84	330385	21.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.28%
33) 1,2-Dichloropropane-d6	9.27	67	91463	20.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.36%
37) Toluene-d8	10.32	98	335336	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.80%
38) trans-1,3-Dichloropropene-	10.57	79	45450	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.96%
39) 2-Hexanone-d5	10.92	63	37801	47.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81648	21.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	129835	21.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.76%

Target Compounds

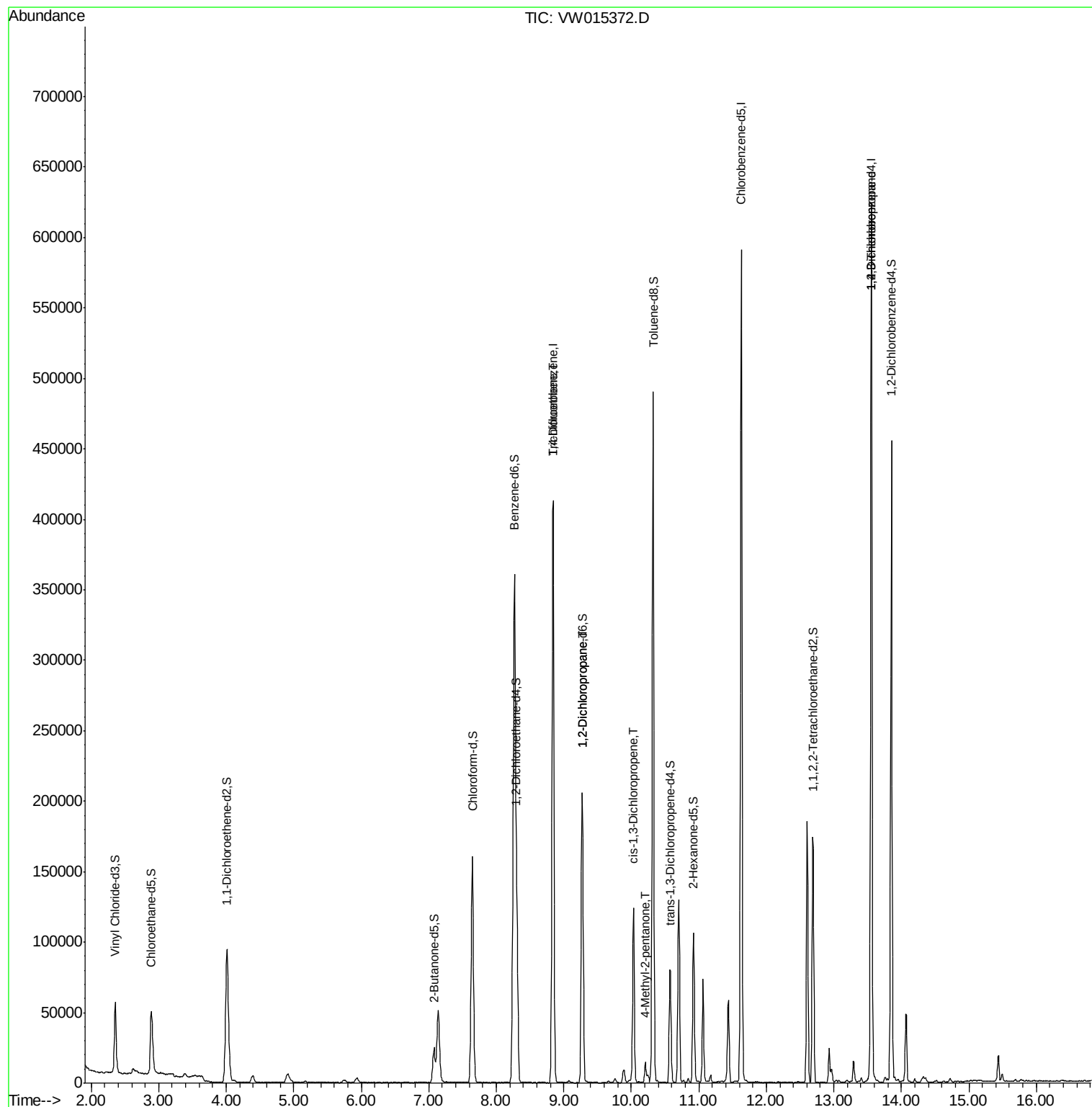
					Ovalue
35) Trichloroethene	8.84	95	10910	2.173 ug/L #	1
40) 1,2-Dichloropropane	9.27	63	11258	2.843 ug/L #	83
42) cis-1,3-Dichloropropene	10.04	75	3361	0.485 ug/L #	80
43) 4-Methyl-2-pentanone	10.21	43	9477	3.549 ug/L	98
59) 1,2,3-Trichloropropane	13.55	75	18098	6.565 ug/L	94

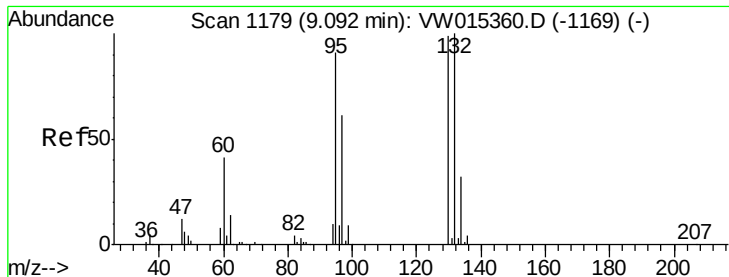
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.173 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW015372.D

Acq: 28 Apr 2020 20:24

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10910

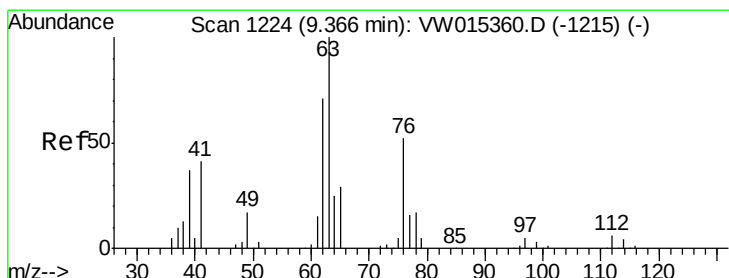
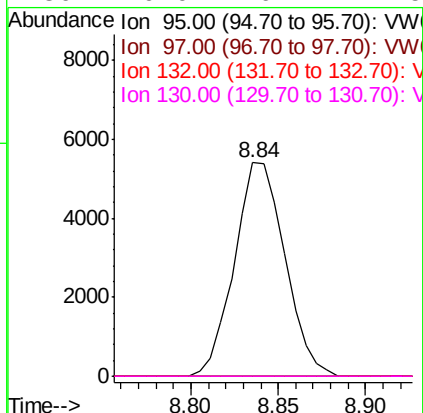
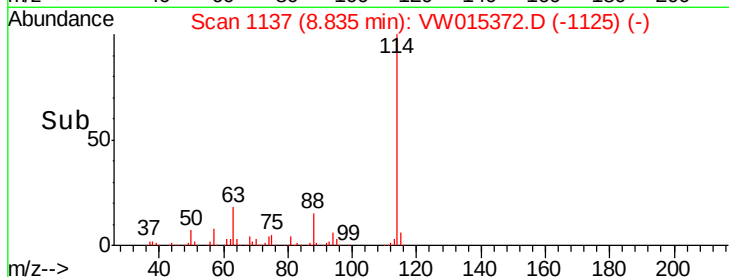
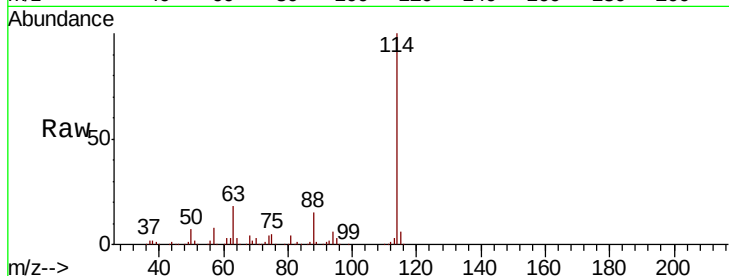
Ion Ratio Lower Upper

95 100

97 0.0 45.9 85.3#

132 0.0 75.2 139.6#

130 0.0 76.7 142.5#



#40

1,2-Dichloropropane

Concen: 2.843 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015372.D

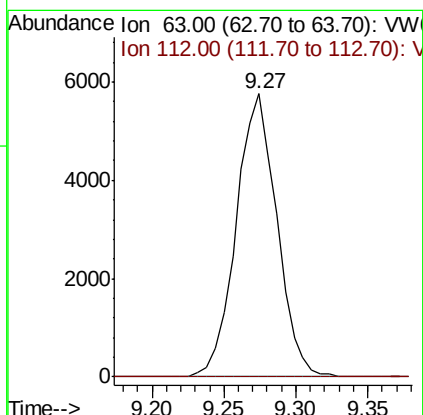
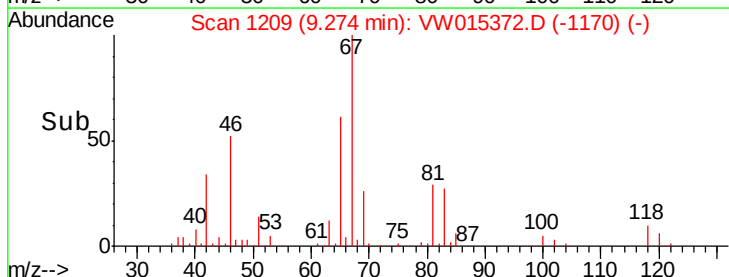
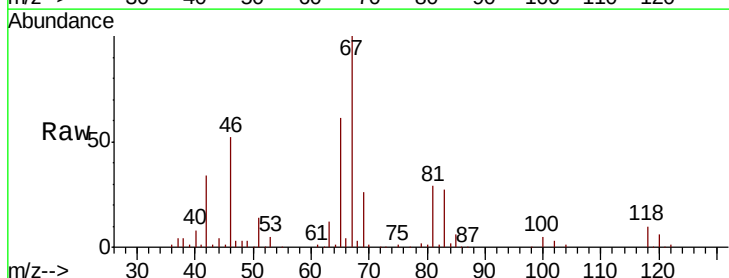
Acq: 28 Apr 2020 20:24

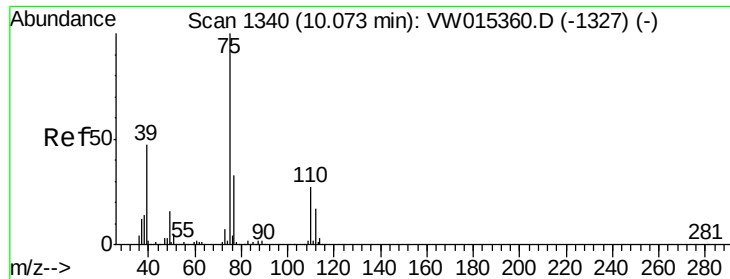
Tgt Ion: 63 Resp: 11258

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#42

cis-1,3-Dichloropropene

Concen: 0.485 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

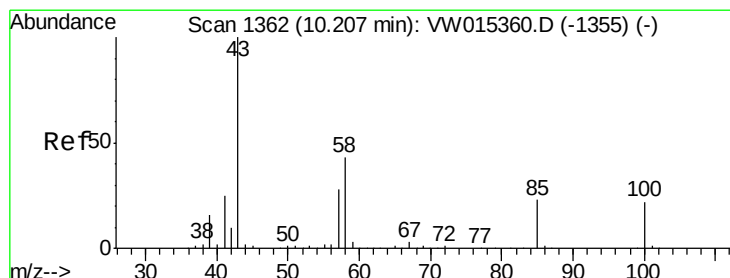
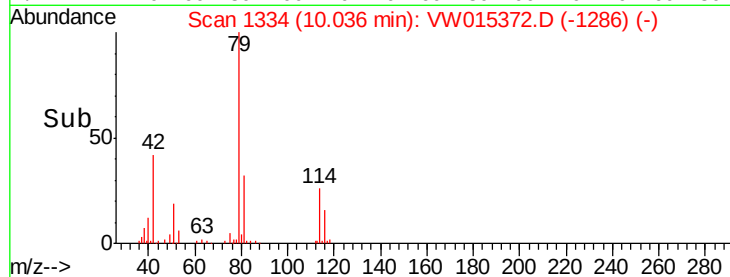
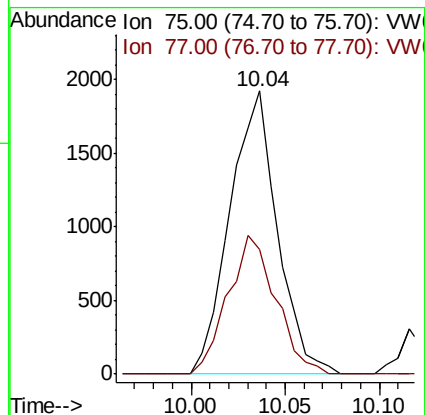
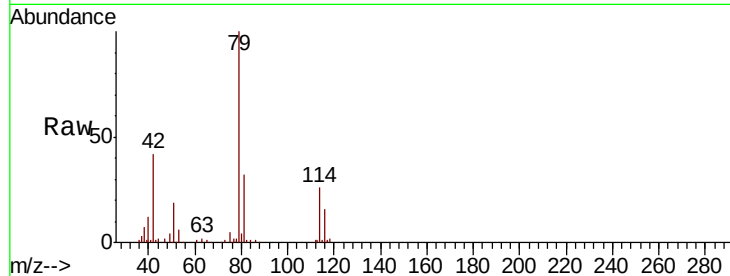
ClientSampleId :

Tot Ion: 75 Resp: 3361

Ion Ratio Lower Upper

75 100

77 44.0 22.7 42.3#



#43

4-Methyl-2-pentanone

Concen: 3.549 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015372.D

Acq: 28 Apr 2020 20:24

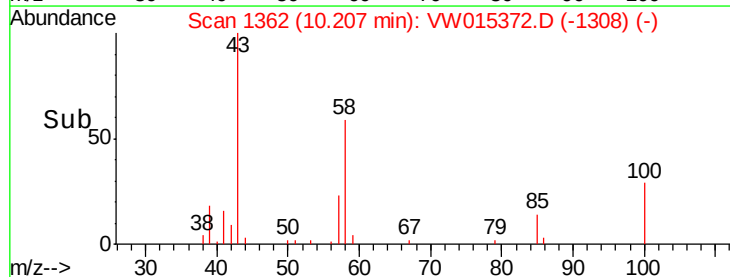
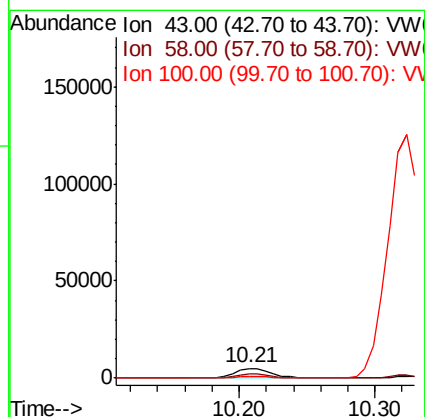
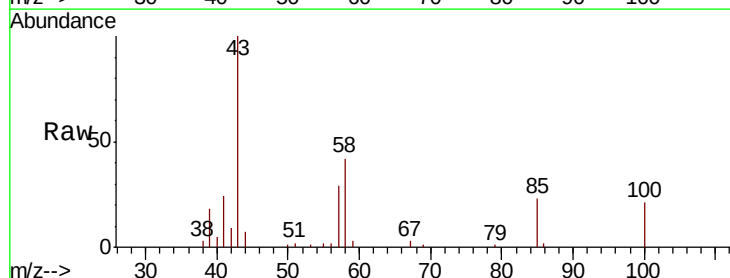
Tgt Ion: 43 Resp: 9477

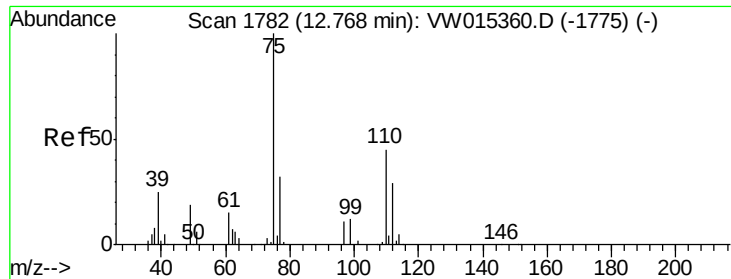
Ion Ratio Lower Upper

43 100

58 42.1 34.2 51.4

100 19.3 17.2 25.8





#59

1,2,3-Trichloropropane

Concen: 6.565 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015372.D

Acq: 28 Apr 2020 20:24

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 18098

Ion Ratio Lower Upper

75 100

77 36.2 26.4 39.6

