

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015762.D
 Acq On : 29 Jun 2020 14:58
 Operator : SY/VA
 Sample : L3139-04
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Jun 30 03:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	318897	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293557	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134138	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117567	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
7) Chloroethane-d5	2.90	69	91577	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.02	63	162502	17.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.68%
20) 2-Butanone-d5	7.09	46	52149	47.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.48%
24) Chloroform-d	7.65	84	199310	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.31	65	116688	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.32%
29) Benzene-d6	8.28	84	400841	22.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.60%
33) 1,2-Dichloropropane-d6	9.27	67	117001	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.32	98	376207	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.40%
38) trans-1,3-Dichloropropene-	10.58	79	50010	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.16%
39) 2-Hexanone-d5	10.93	63	39002	46.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88443	22.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	125926	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

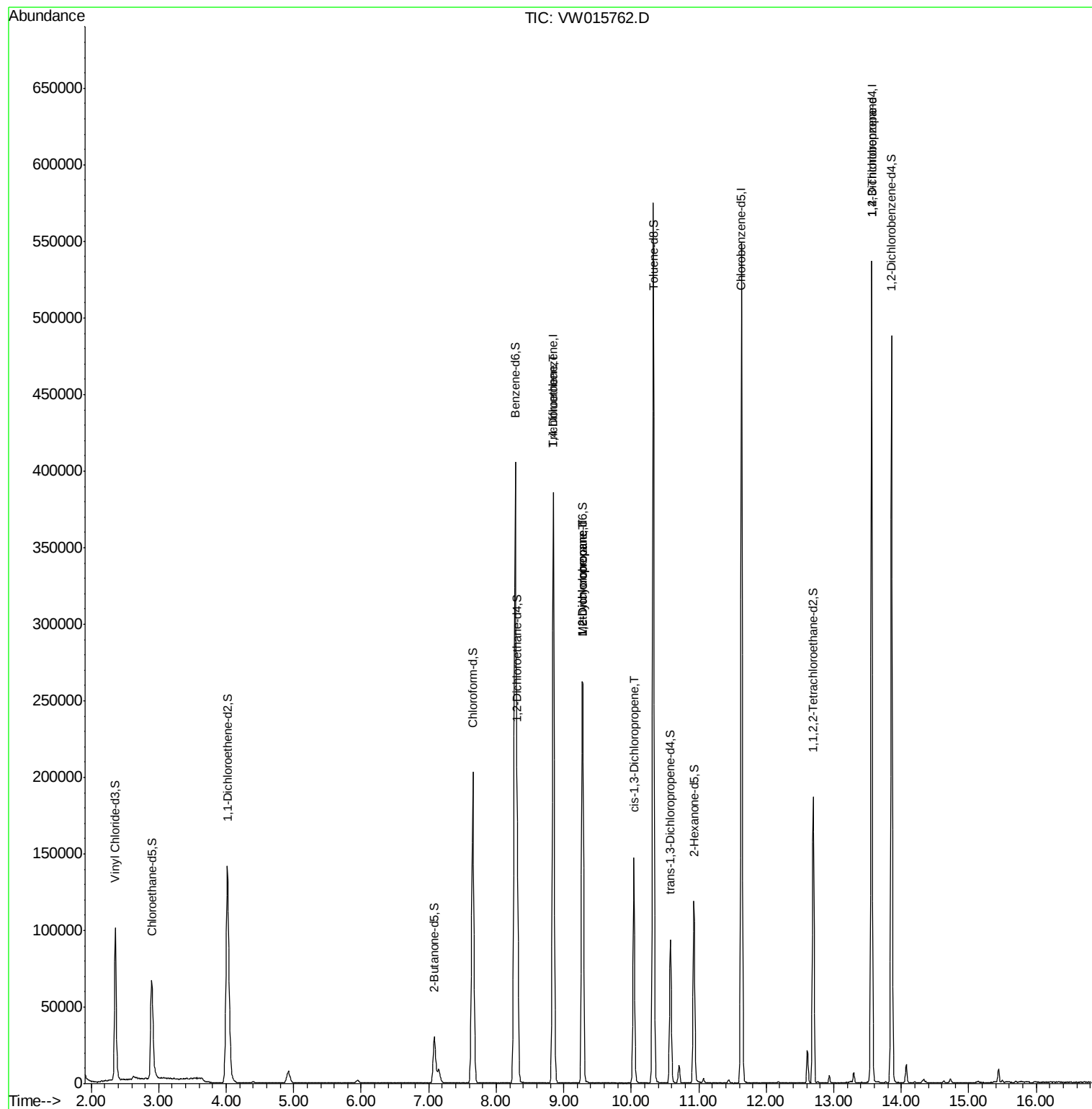
					Ovalue
35) Trichloroethene	8.85	95	9908	2.305 ug/L #	5
36) Methylcyclohexane	9.27	83	29258	3.946 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	14280	3.639 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4000	0.653 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	16899	6.638 ug/L	89

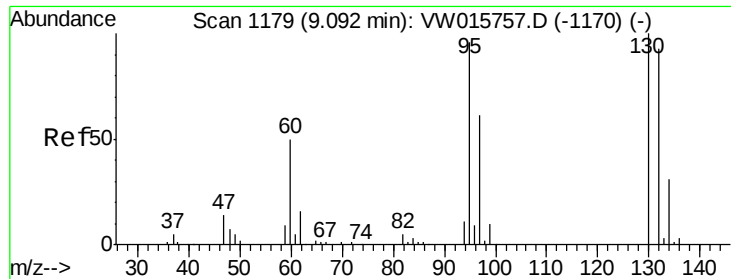
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 30 03:03:23 2020
Response via : Initial Calibration





#35

Trichloroethene

Concen: 2.305 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015762.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion: 95 Resp: 9908

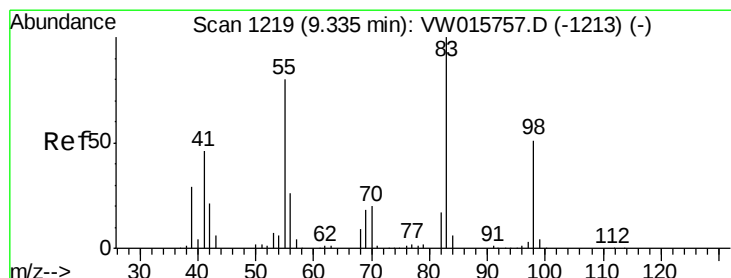
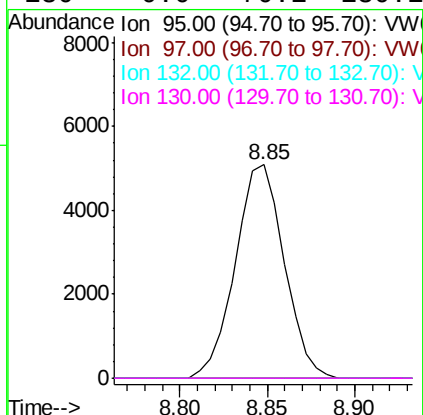
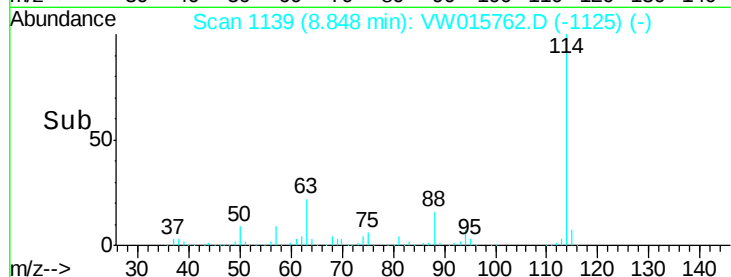
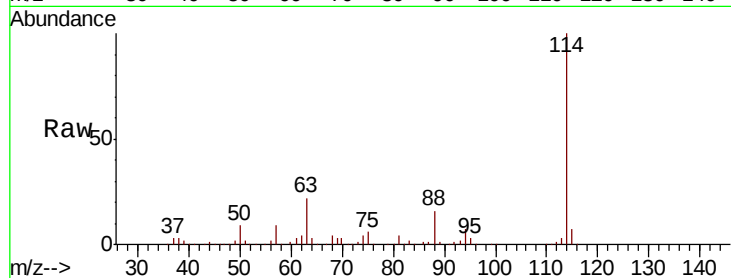
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.0 67.8 126.0#

130 0.0 70.1 130.1#



#36

Methylcyclohexane

Concen: 3.946 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW015762.D

Acq: 29 Jun 2020 14:58

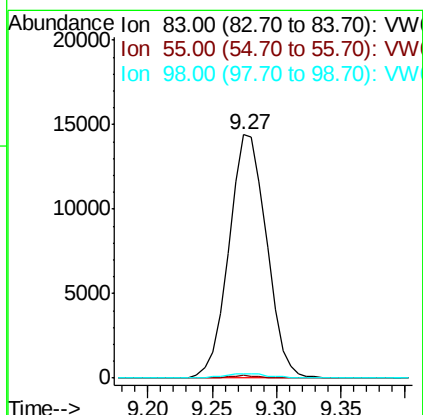
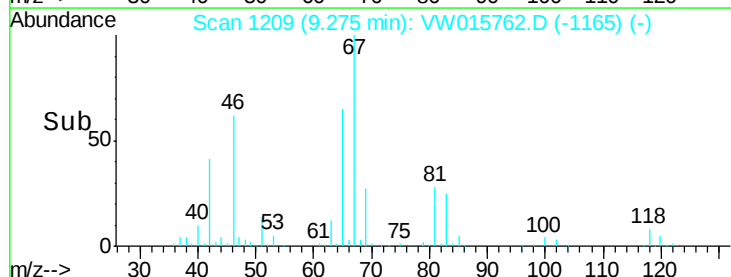
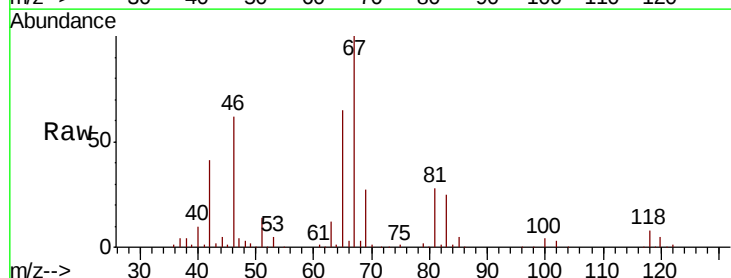
Tgt Ion: 83 Resp: 29258

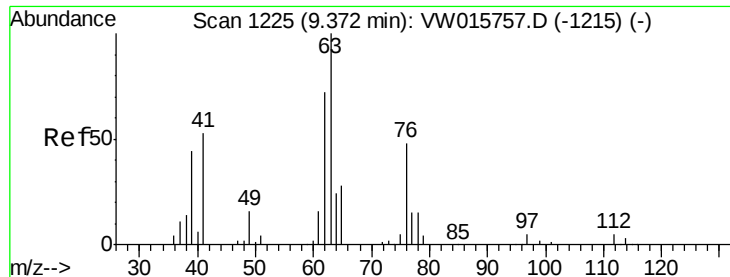
Ion Ratio Lower Upper

83 100

55 0.7 62.7 94.1#

98 1.0 39.4 59.2#

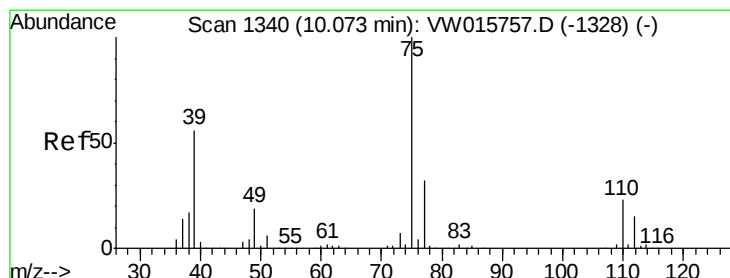
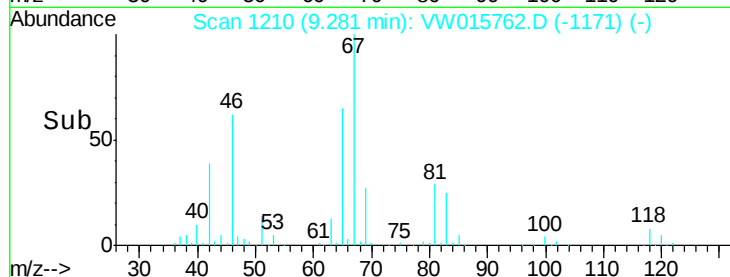
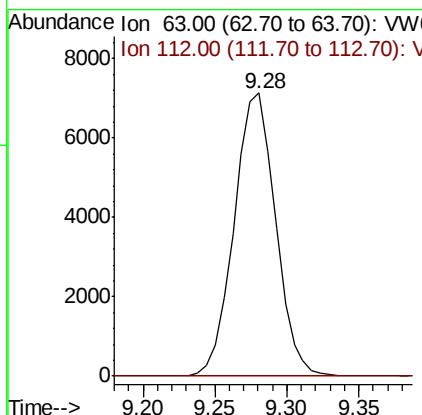
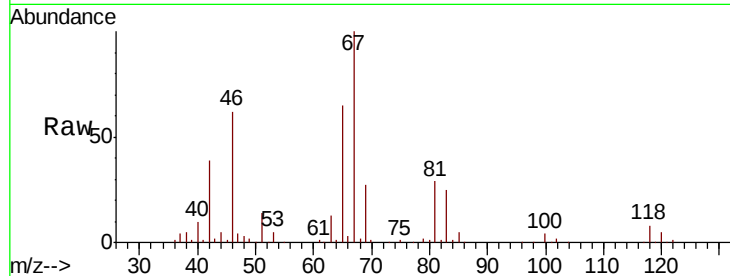




#40
 1,2-Dichloropropane
 Concen: 3.639 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW015762.D
 Acq: 29 Jun 2020 14:58

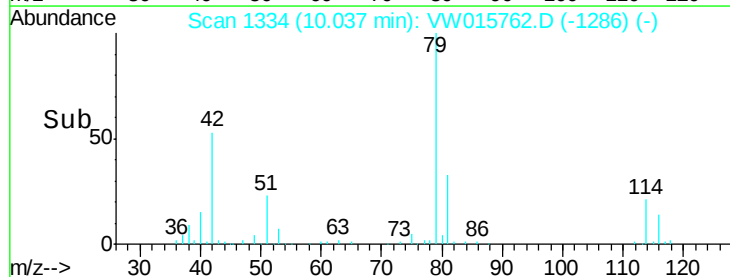
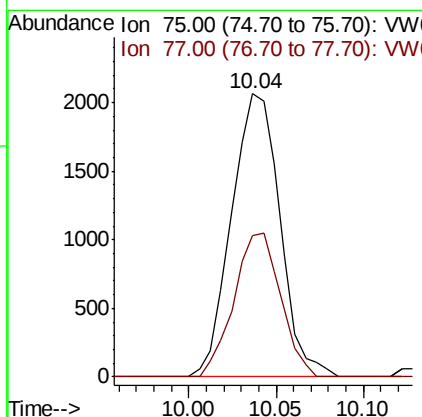
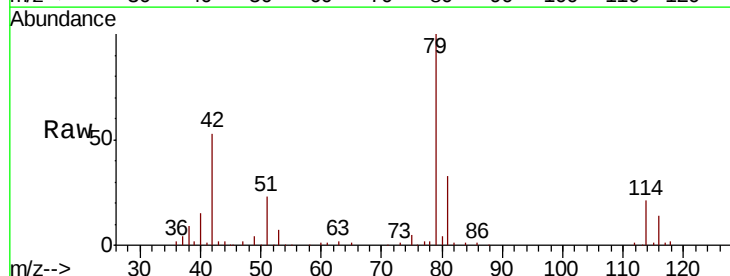
Instrument :
 MSVOA_W
 ClientSampled :
 VHBLK02

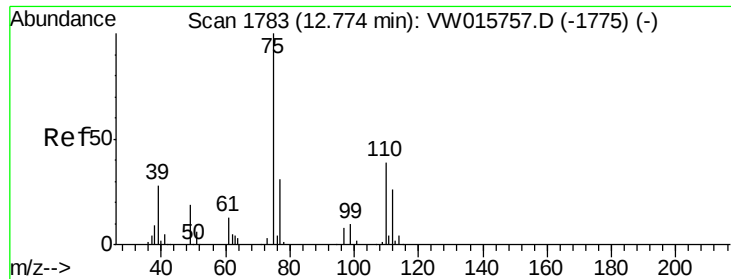
Tot Ion: 63 Resp: 14280
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.653 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015762.D
 Acq: 29 Jun 2020 14:58

Tgt Ion: 75 Resp: 4000
 Ion Ratio Lower Upper
 75 100
 77 49.9 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 6.638 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015762.D

Acq: 29 Jun 2020 14:58

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 16899

Ion Ratio Lower Upper

75 100

77 38.7 26.1 39.1

