

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015953.D
 Acq On : 24 Jul 2020 16:29
 Operator : SY/VA
 Sample : L3419-16RE
 Misc : 4.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:18:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	445091	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390941	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152520	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136497	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.92%
7) Chloroethane-d5	2.90	69	108113	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	4.01	63	203709	16.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.16%
20) 2-Butanone-d5	7.09	46	72906	44.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.38%
24) Chloroform-d	7.65	84	260162	20.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	8.31	65	149041	21.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.88%
29) Benzene-d6	8.27	84	534356	22.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.84%
33) 1,2-Dichloropropane-d6	9.27	67	162685	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.20%
37) Toluene-d8	10.33	98	460792	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.52%
38) trans-1,3-Dichloropropene-	10.58	79	63366	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.36%
39) 2-Hexanone-d5	10.93	63	55853	47.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121645	22.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	131043	22.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.12%

Target Compounds

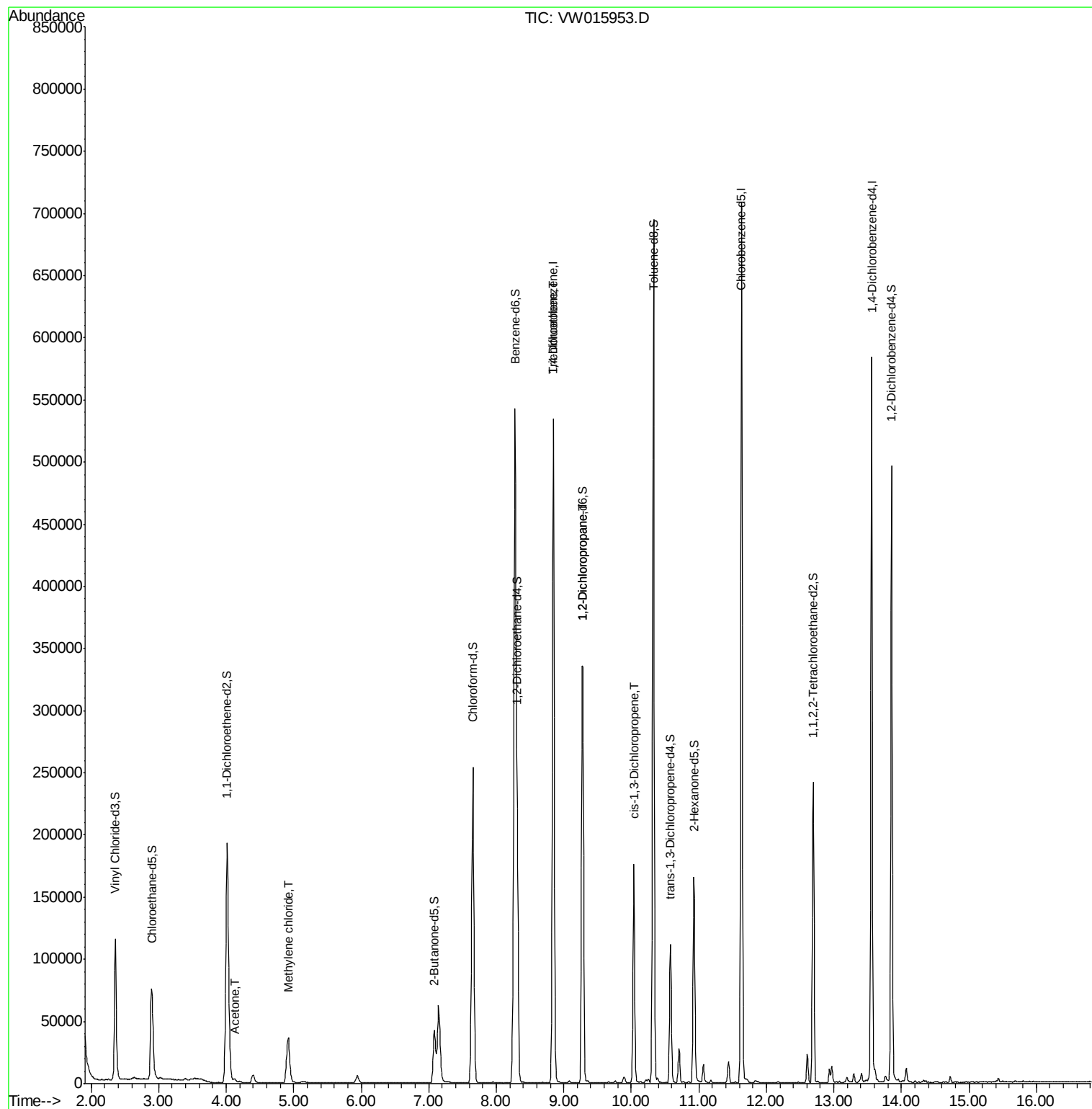
					Ovalue
13) Acetone	4.12	43	4682	3.379 ug/L	75
16) Methylene chloride	4.92	84	30107	4.128 ug/L	88
35) Trichloroethene	8.85	95	13492	2.148 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	17622	2.996 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	4136	0.462 ug/L #	58

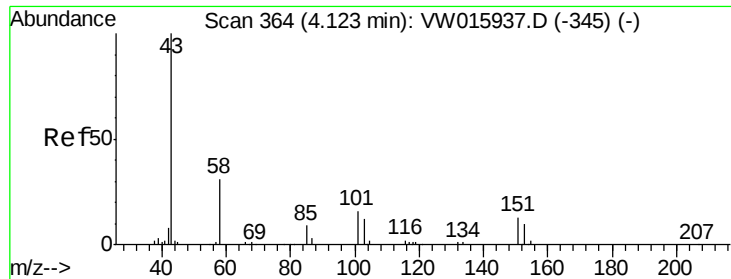
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.379 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015953.D

Acq: 24 Jul 2020 16:29

Instrument :

MSVOA_W

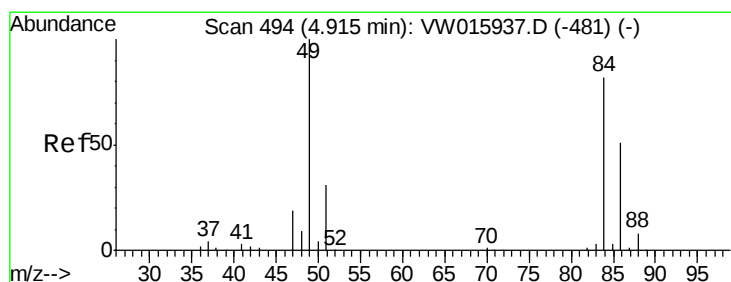
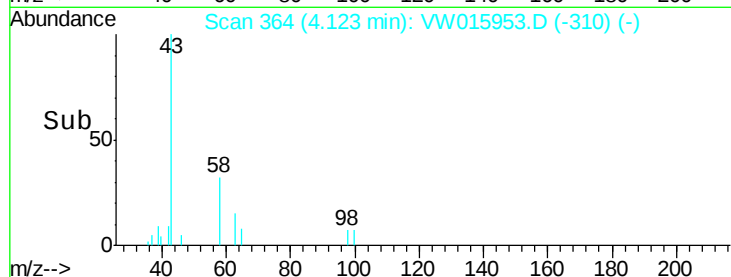
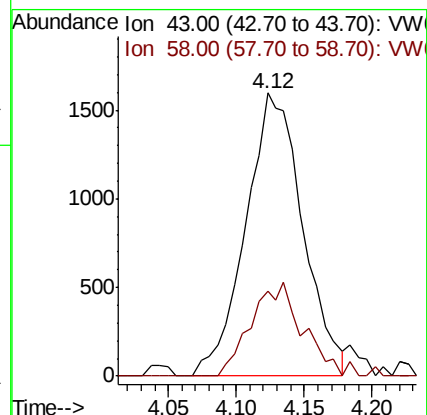
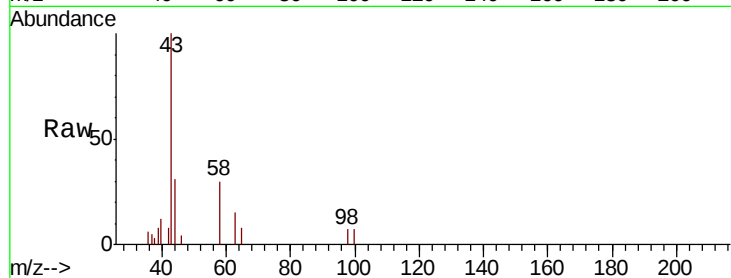
ClientSampleId :

Tot Ion: 43 Resp: 4682

Ion Ratio Lower Upper

43 100

58 15.9 0.0 58.2



#16

Methylene chloride

Concen: 4.128 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015953.D

Acq: 24 Jul 2020 16:29

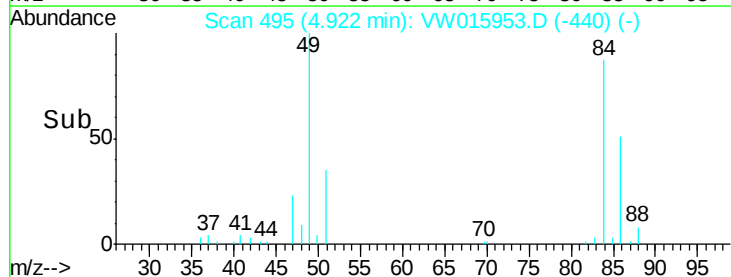
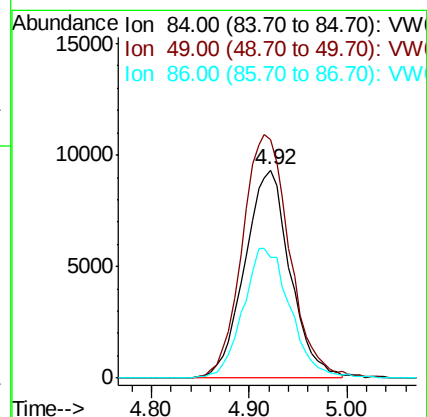
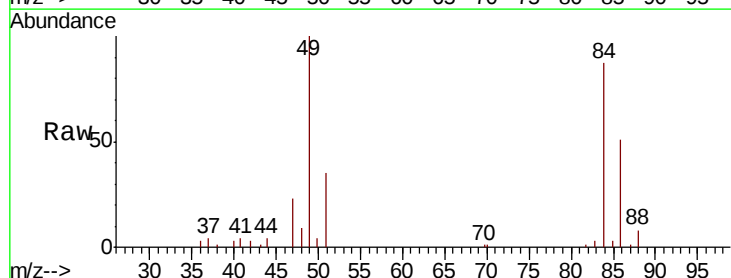
Tgt Ion: 84 Resp: 30107

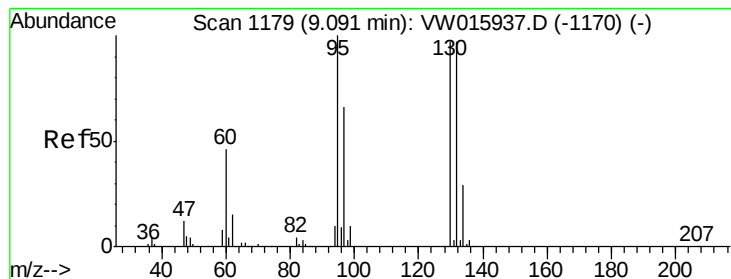
Ion Ratio Lower Upper

84 100

49 114.4 91.1 169.1

86 58.2 46.0 85.4





#35

Trichloroethene

Concen: 2.148 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015953.D

Acq: 24 Jul 2020 16:29

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 13492

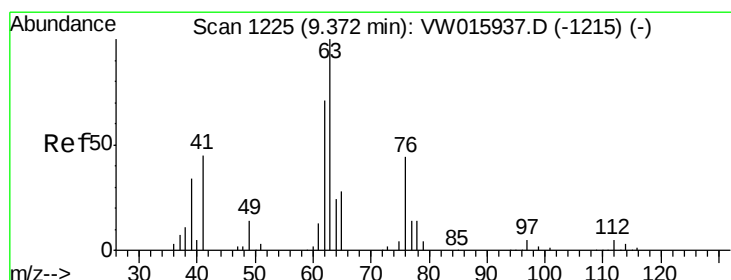
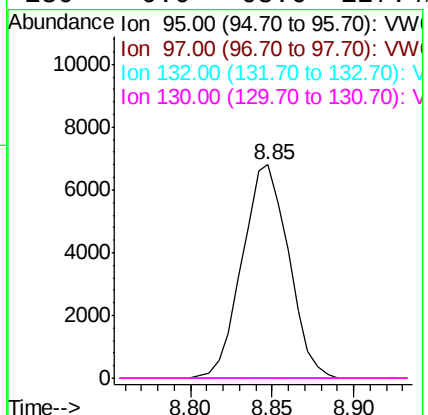
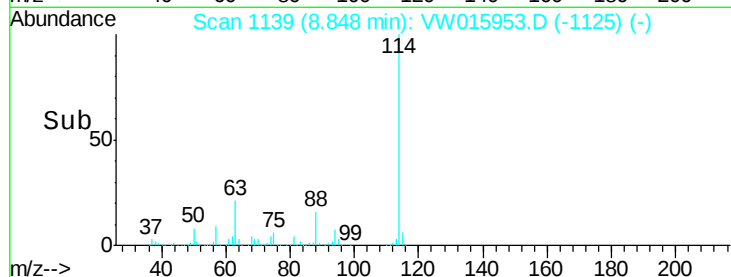
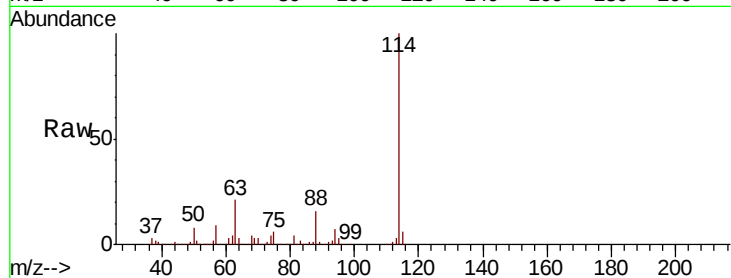
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#



#40

1,2-Dichloropropane

Concen: 2.996 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015953.D

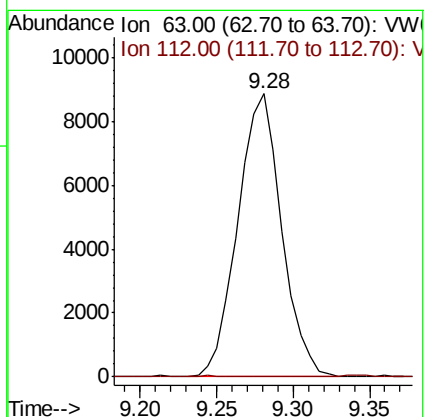
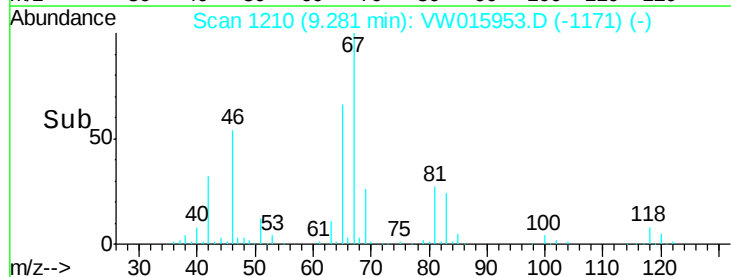
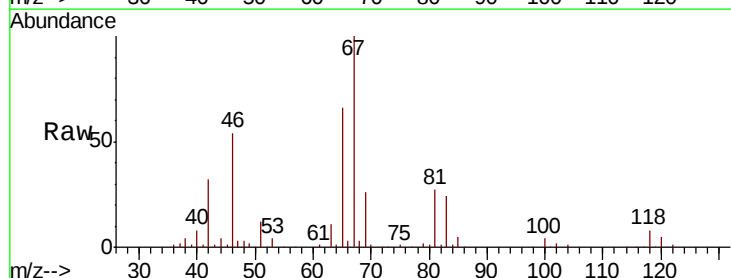
Acq: 24 Jul 2020 16:29

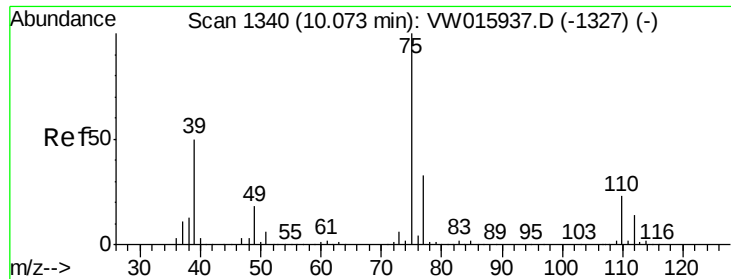
Tgt Ion: 63 Resp: 17622

Ion Ratio Lower Upper

63 100

112 0.4 3.7 5.5#





#42
 cis-1,3-Dichloropropene
 Concen: 0.462 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015953.D
 Acq: 24 Jul 2020 16:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 4136
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.2 41.2#

