

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\
 Data File : VW015138.D
 Acq On : 25 Mar 2020 16:10
 Operator : SY/VA
 Sample : L1986-03
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 05:17:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 05:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	517878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	425687	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	113549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	229820	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.80%
7) Chloroethane-d5	2.89	69	197646	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.20%
10) 1,1-Dichloroethene-d2	4.02	63	335134	18.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.56%
20) 2-Butanone-d5	7.07	46	132821	65.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.48%
24) Chloroform-d	7.65	84	394646	25.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	8.20	65	65	0.01	ug/L	-0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	772770	28.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.44%
33) 1,2-Dichloropropane-d6	9.27	67	264507	29.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.88%
37) Toluene-d8	10.32	98	609246	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
38) trans-1,3-Dichloropropene-	10.57	79	96213	27.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.12%
39) 2-Hexanone-d5	10.92	63	84905	63.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	178367	28.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	104792	26.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.08%

Target Compounds

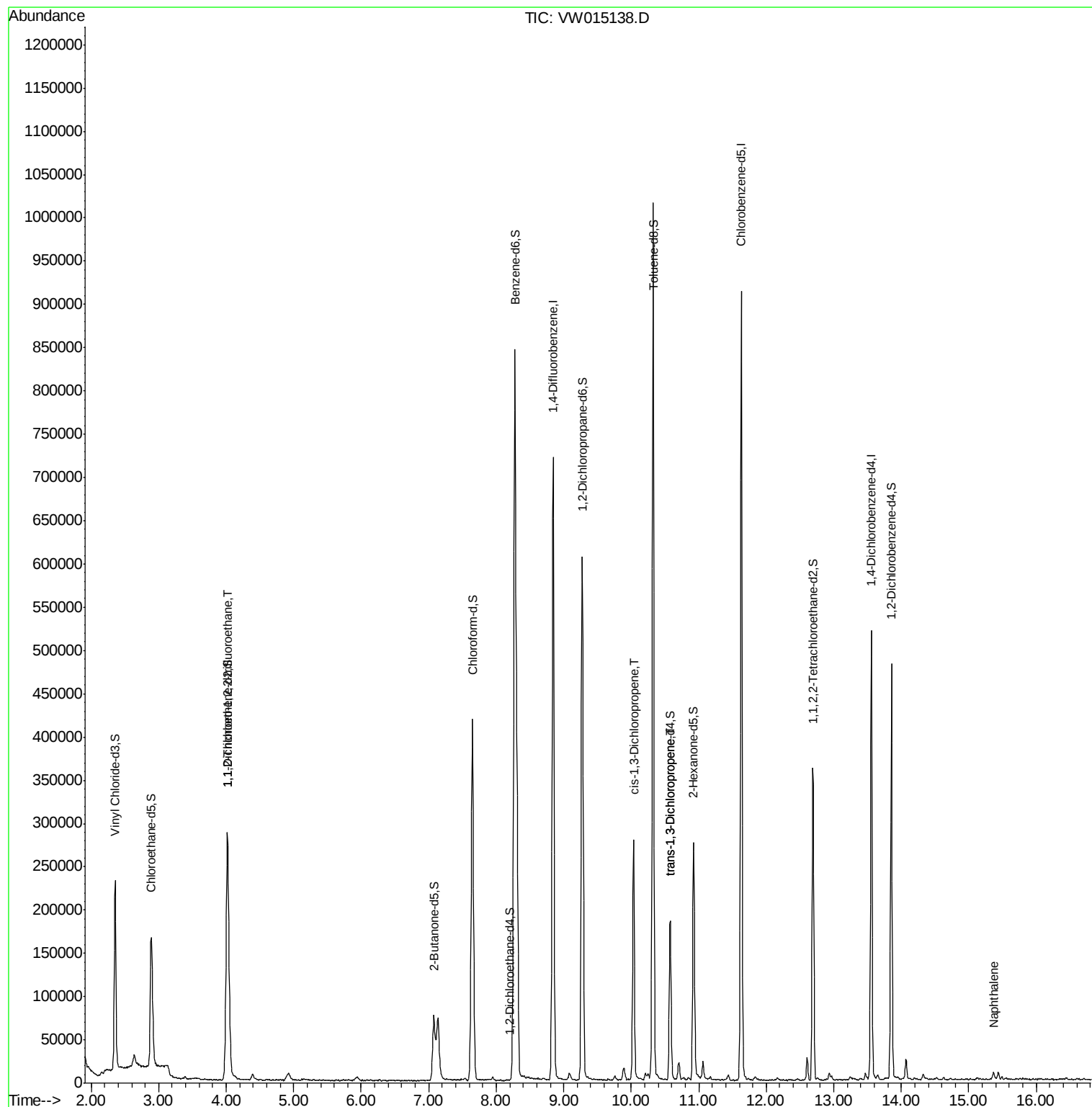
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	2948	0.365 ug/L #	25
42) cis-1,3-Dichloropropene	10.03	75	7635	0.669 ug/L #	62
45) trans-1,3-Dichloropropene	10.58	75	4992	0.500 ug/L	89
69) Naphthalene	15.36	128	5532	0.788 ug/L #	83

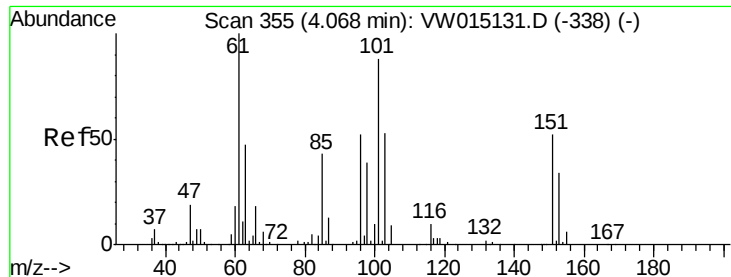
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032520\
Data File : VW015138.D
Acq On : 25 Mar 2020 16:10
Operator : SY/VA
Sample : L1986-03
Misc : 5.27G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 26 05:17:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 05:02:00 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.365 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW015138.D

Acq: 25 Mar 2020 16:10

Instrument :

MSVOA_W

ClientSampled :

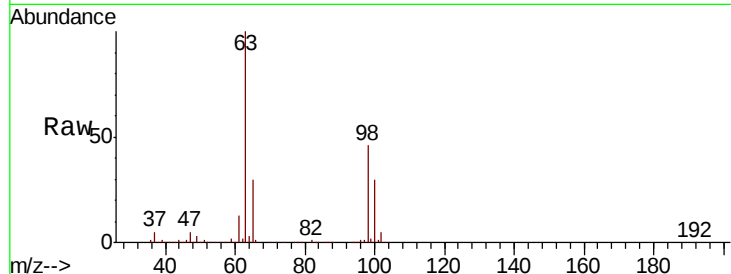
Tot Ion:101 Resp: 2948

Ion Ratio Lower Upper

101 100

85 1.8 37.8 56.6#

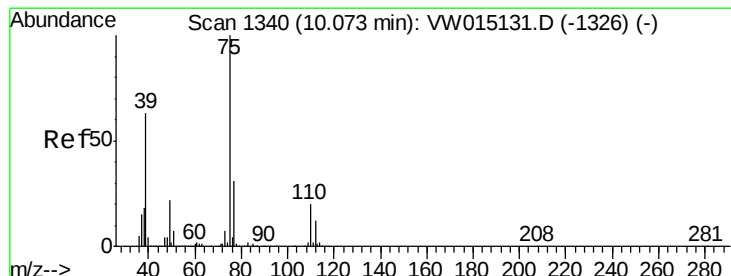
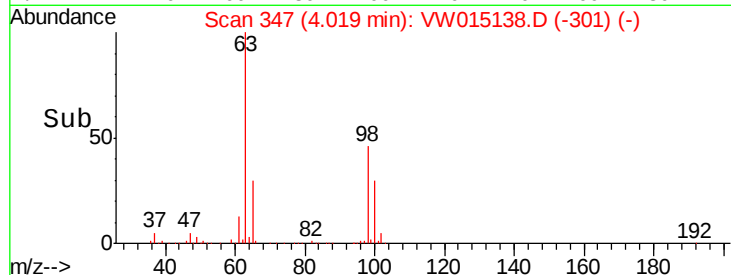
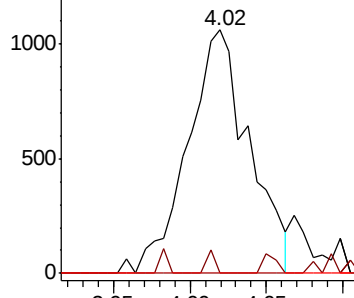
151 0.0 50.2 75.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.669 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW015138.D

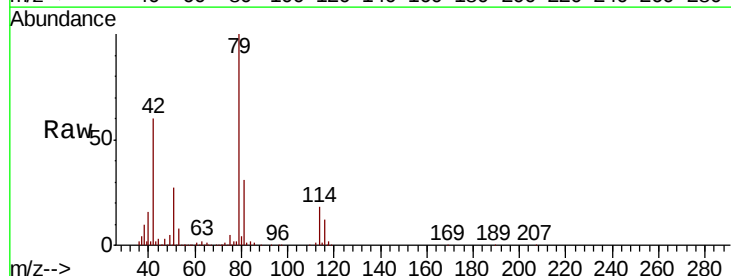
Acq: 25 Mar 2020 16:10

Tgt Ion: 75 Resp: 7635

Ion Ratio Lower Upper

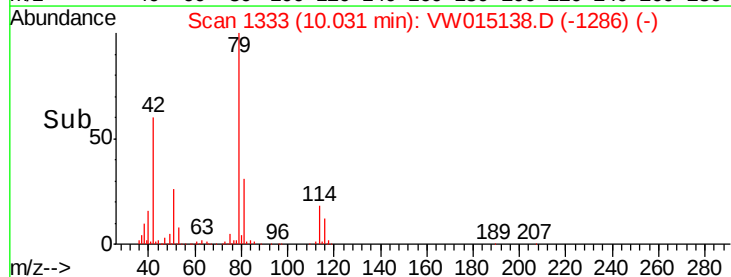
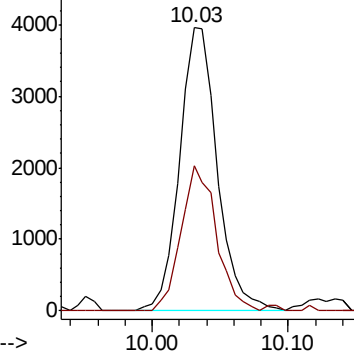
75 100

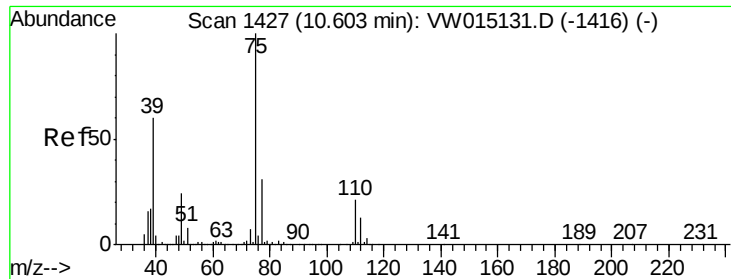
77 51.3 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.500 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW015138.D

Acq: 25 Mar 2020 16:10

Instrument :

MSVOA_W

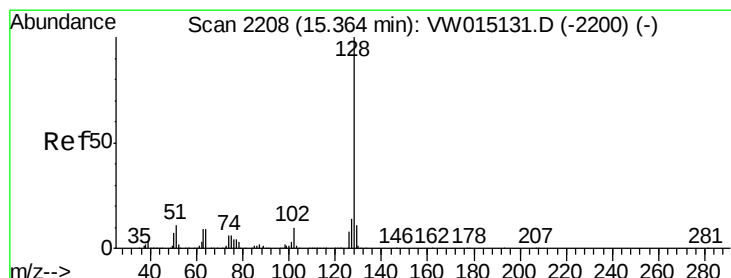
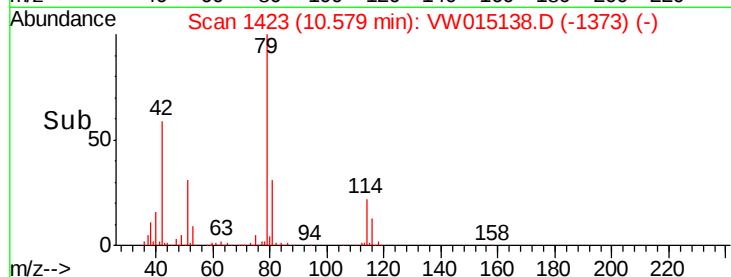
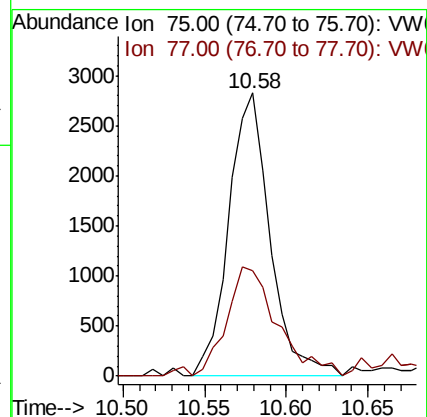
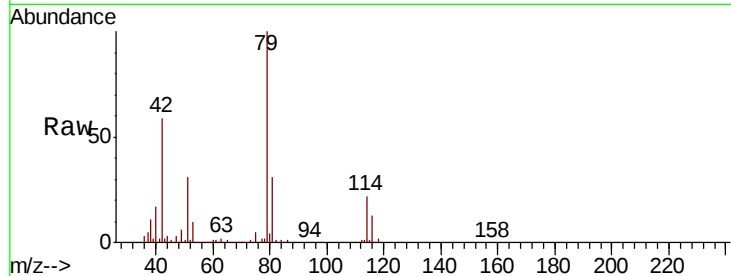
ClientSampleId :

Tot Ion: 75 Resp: 4992

Ion Ratio Lower Upper

75 100

77 37.1 21.8 40.4



#69

Naphthalene

Concen: 0.788 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015138.D

Acq: 25 Mar 2020 16:10

Tgt Ion: 128 Resp: 5532

Ion Ratio Lower Upper

128 100

129 5.3 8.9 13.3#

127 21.2 11.0 16.4#

