

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017555.D
 Acq On : 20 Jul 2020 19:19
 Operator : SY/MD
 Sample : L3336-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-10

Quant Time: Jul 21 03:49:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276812	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71556	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.68%
7) Chloroethane-d5	1.58	69	55863	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.92%
11) 1,1-Dichloroethene-d2	2.12	63	125866	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	3.90	46	100629	89.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.70%
24) Chloroform-d	4.38	84	155796	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.06	65	116957	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.07	84	275497	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
36) 1,2-Dichloropropane-d6	6.09	67	83100	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.92%
41) Toluene-d8	7.34	98	254652	42.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.76%
43) trans-1,3-Dichloropropene-	7.64	79	49034	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.11	63	78832	90.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	118110	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	113606	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

Target Compounds

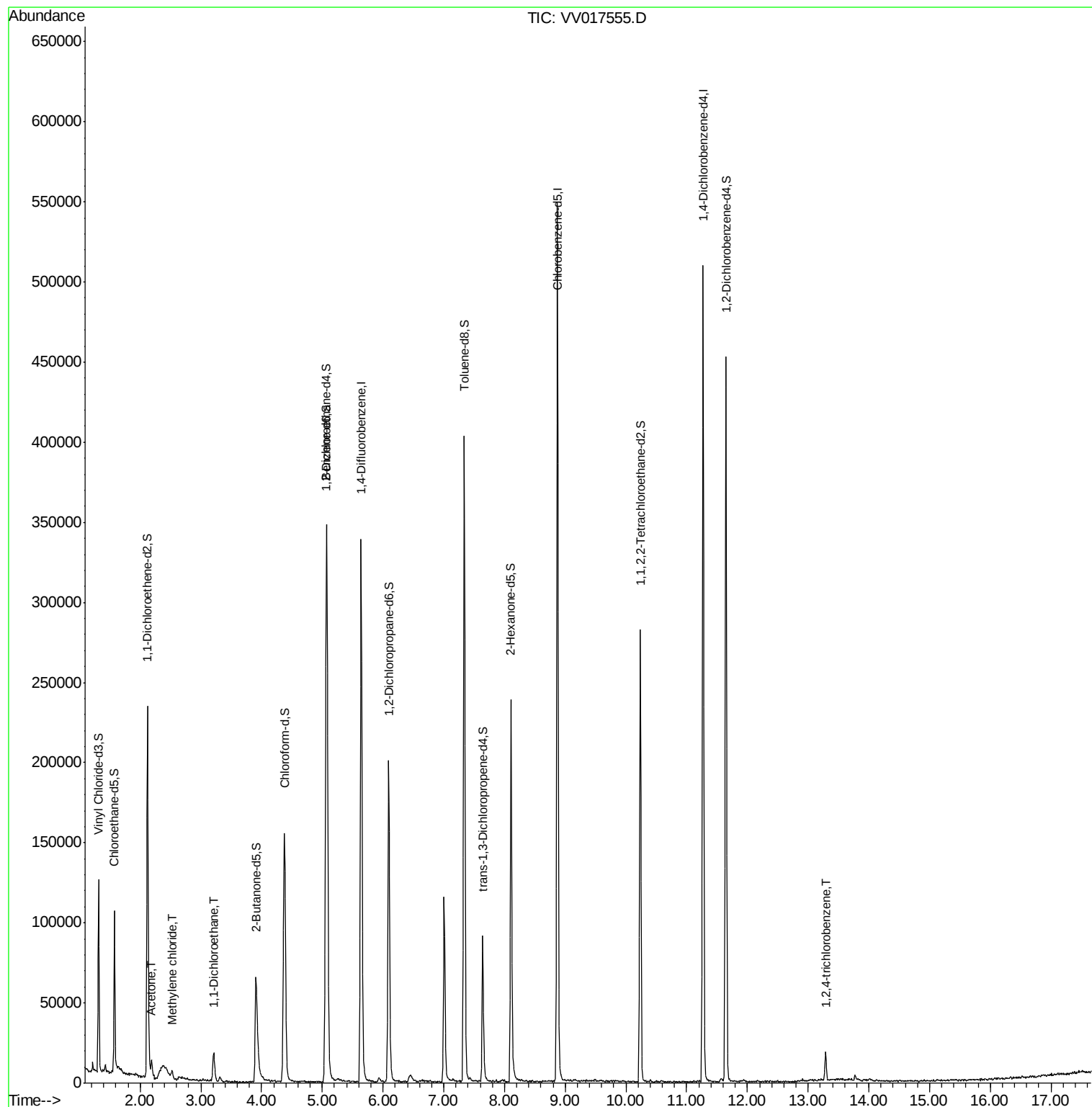
					Ovalue
13) Acetone	2.19	43	7741	5.656 ug/L	98
16) Methylene chloride	2.53	84	2117	1.022 ug/L	88
19) 1,1-Dichloroethane	3.21	63	16728	5.012 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	5012	1.742 ug/L #	87

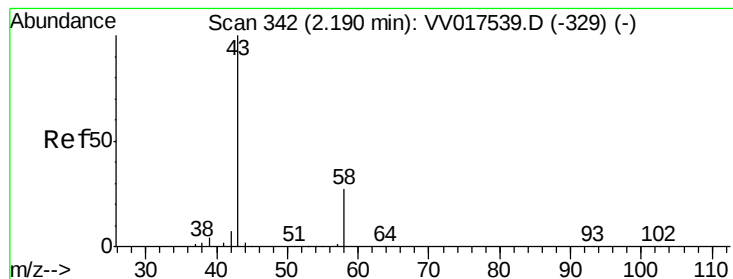
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 20 18:07:44 2020
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#13

Acetone

Concen: 5.656 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017555.D

Acq: 20 Jul 2020 19:19

Instrument :

MSVOA_V

ClientSampled :

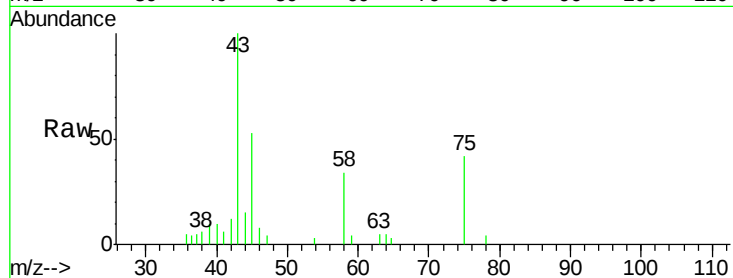
PMW-10

Tot Ion: 43 Resp: 7741

Ion Ratio Lower Upper

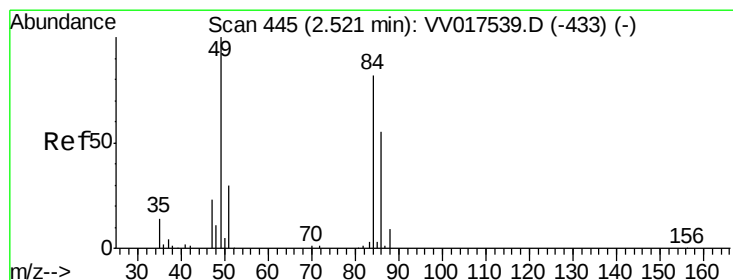
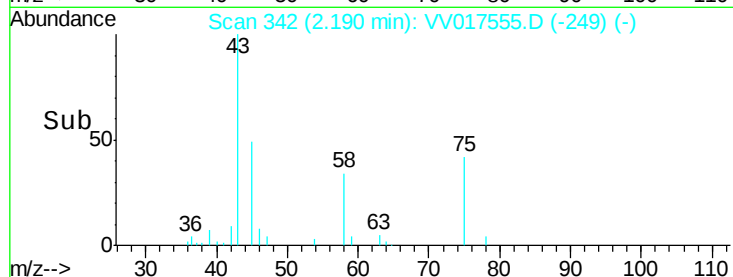
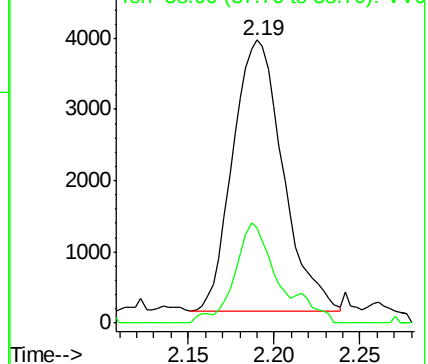
43 100

58 26.8 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.022 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017555.D

Acq: 20 Jul 2020 19:19

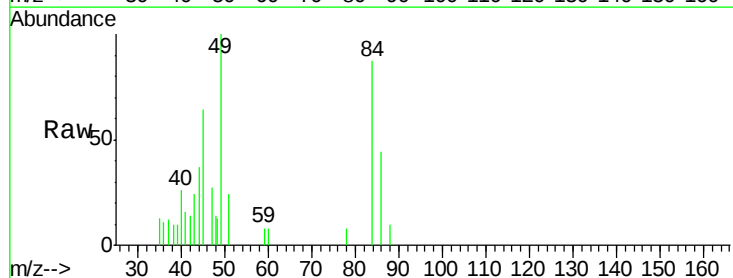
Tgt Ion: 84 Resp: 2117

Ion Ratio Lower Upper

84 100

86 50.9 47.1 87.5

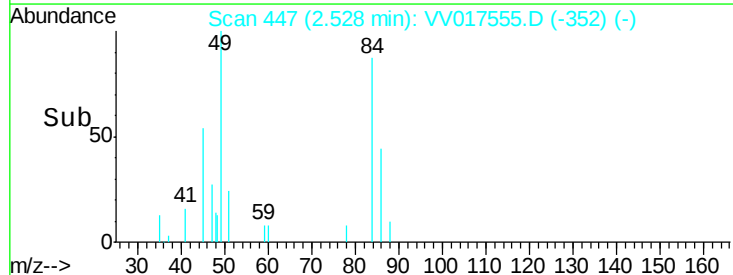
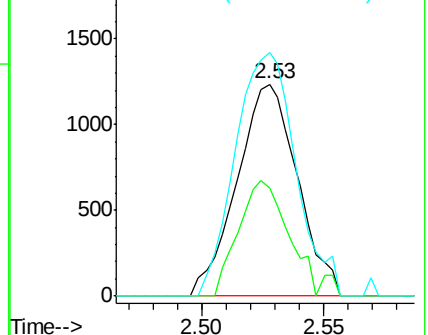
49 114.8 85.8 159.4

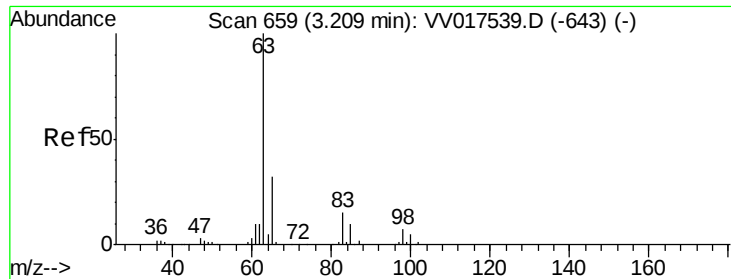


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#19

1,1-Dichloroethane

Concen: 5.012 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV017555.D

Acq: 20 Jul 2020 19:19

Instrument :

MSVOA_V

ClientSampleId :

PMW-10

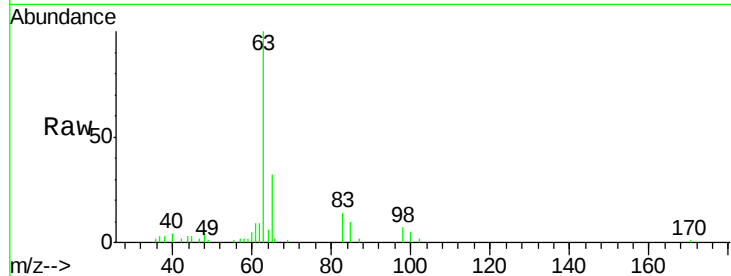
Tot Ion: 63 Resp: 16728

Ion Ratio Lower Upper

63 100

65 32.4 22.0 41.0

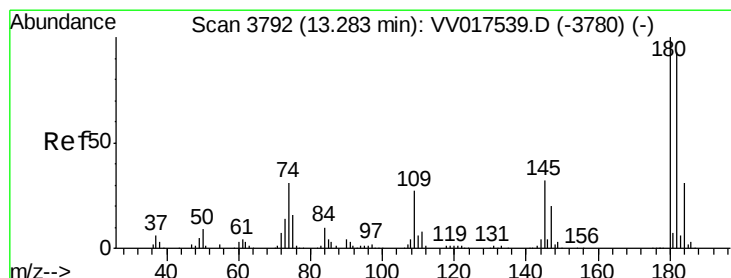
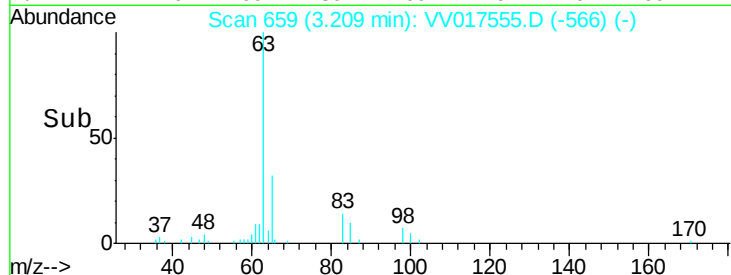
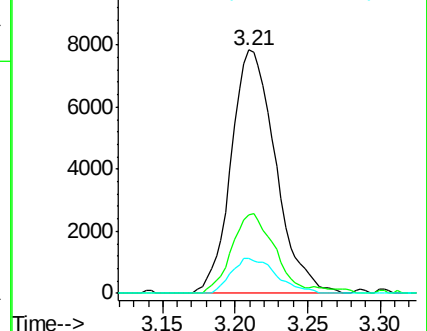
83 14.4 10.1 18.9



Abundance Ion 63.00 (62.70 to 63.70): VV017539.D (-643) (-)

Ion 65.00 (64.70 to 65.70): VV017539.D (-643) (-)

Ion 83.00 (82.70 to 83.70): VV017539.D (-643) (-)



#68

1,2,4-trichlorobenzene

Concen: 1.742 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV017555.D

Acq: 20 Jul 2020 19:19

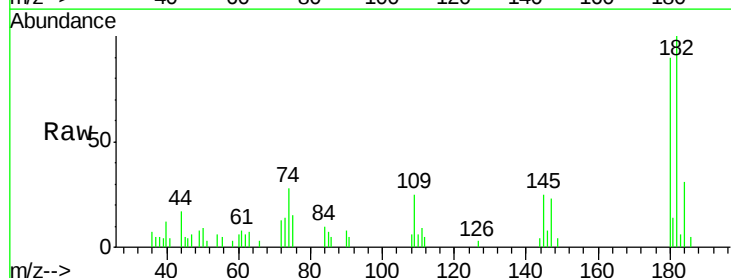
Tgt Ion: 180 Resp: 5012

Ion Ratio Lower Upper

180 100

182 102.4 76.0 114.0

145 15.4 24.9 37.3#



Abundance Ion 180.00 (179.70 to 180.70): VV017539.D (-3780) (-)

Ion 182.00 (181.70 to 182.70): VV017539.D (-3780) (-)

Ion 145.00 (144.70 to 145.70): VV017539.D (-3780) (-)

