

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061819\
 Data File : VV011568.D
 Acq On : 18 Jun 2019 11:54
 Operator : SY/MD
 Sample : K3313-20
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB50

Quant Time: Jun 18 12:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 18 11:44:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	178403	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64279	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59592	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	47438	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.12	63	92210	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.96	46	197980	52.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.46%
24) Chloroform-d	4.40	84	124521	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	74308	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	246827	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	78045	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	207178	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.66	79	23245	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	148553	50.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53577	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	69184	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

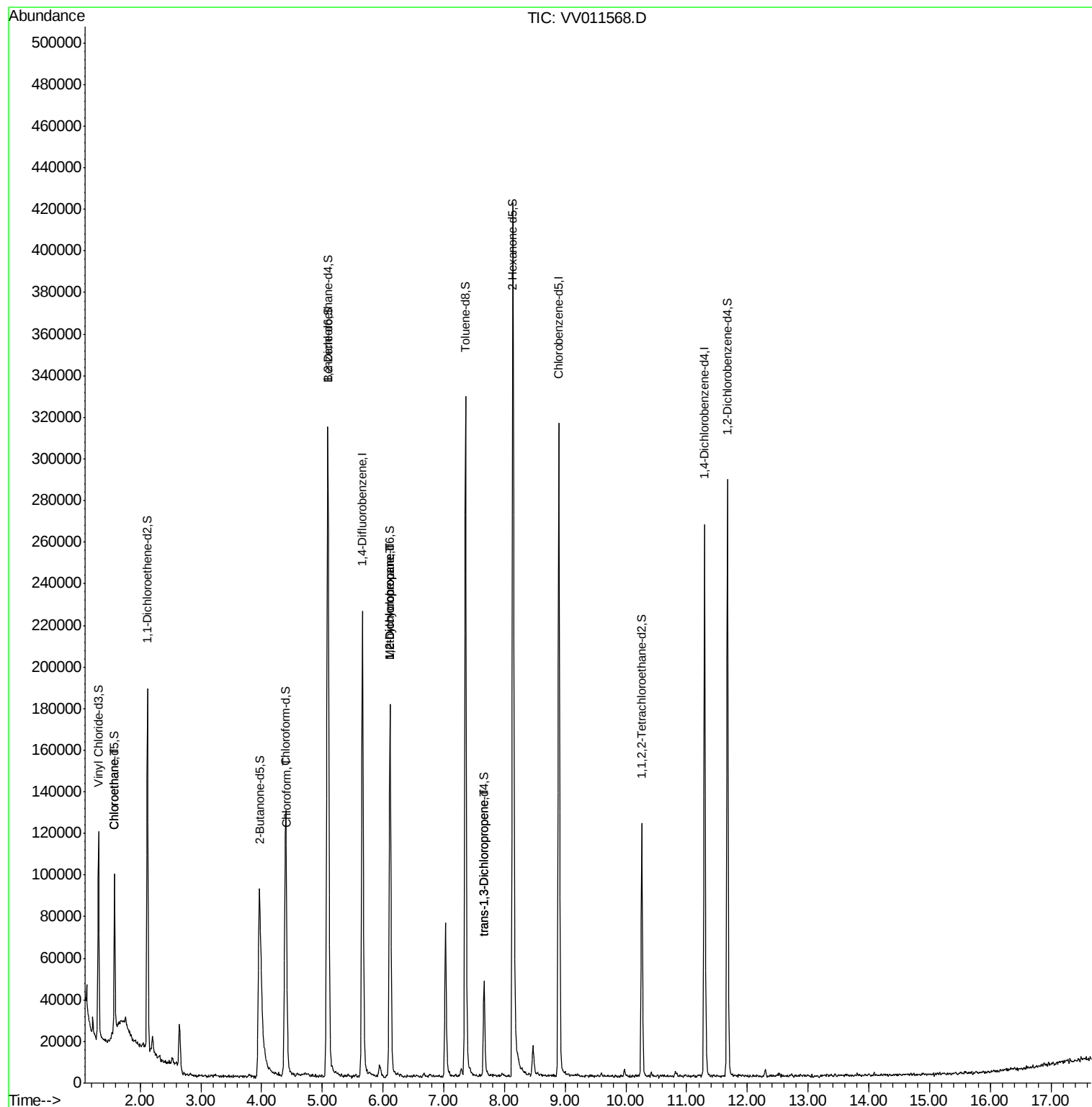
					Qvalue
8) Chloroethane	1.57	64	998	0.121 ug/L #	55
25) Chloroform	4.42	83	2212	0.085 ug/L	85
35) Methylcyclohexane	6.12	83	19180	0.997 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9893	0.702 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1402	0.103 ug/L #	63

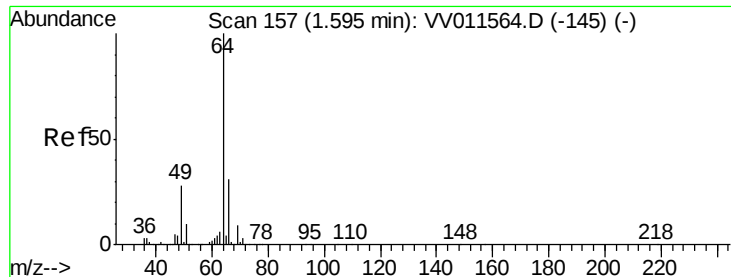
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.121 ug/L

RT: 1.57 min Scan# 149

Delta R.T. -0.03 min

Lab File: VV011568.D

Acq: 18 Jun 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

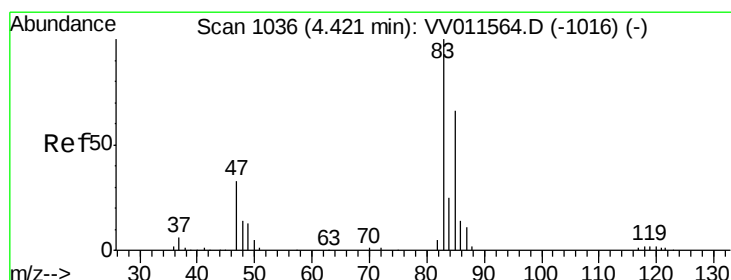
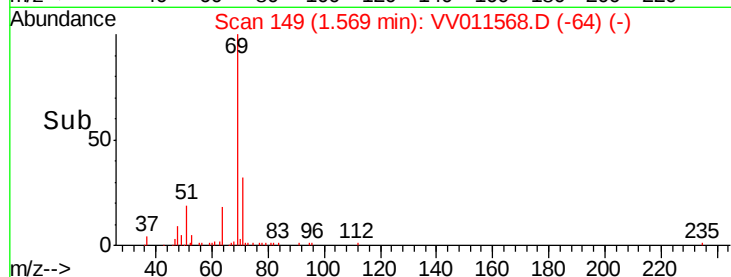
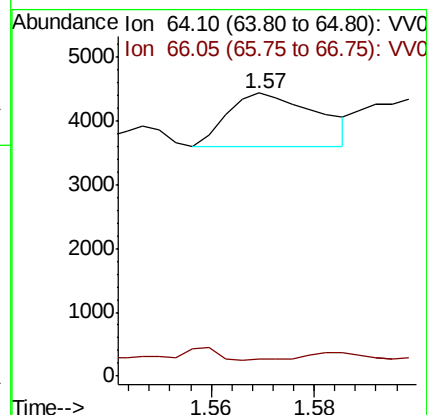
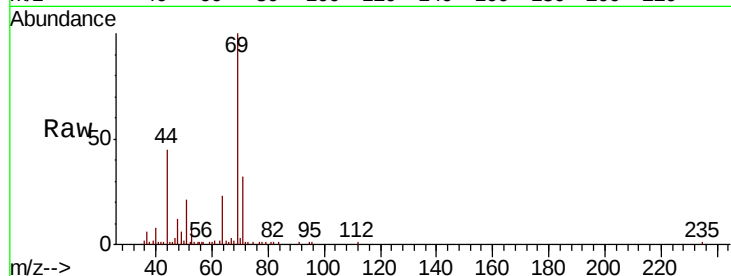
BFB50

Tgt Ion: 64 Resp: 998

Ion Ratio Lower Upper

64 100

66 5.9 21.6 40.2#



#25

Chloroform

Concen: 0.085 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV011568.D

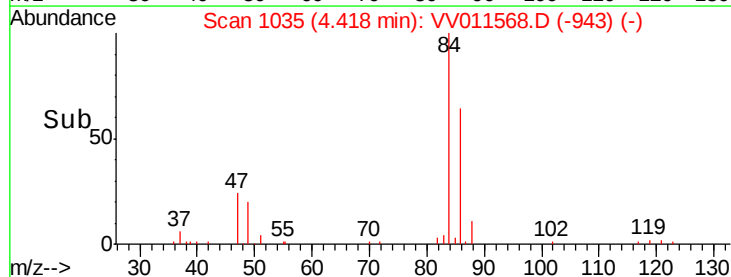
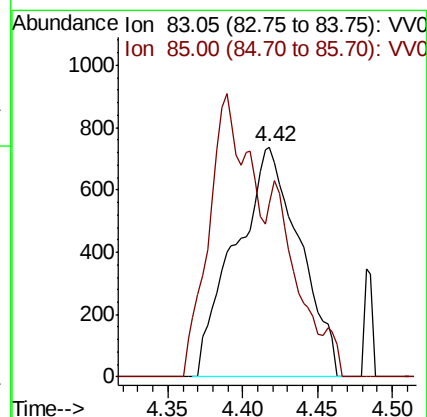
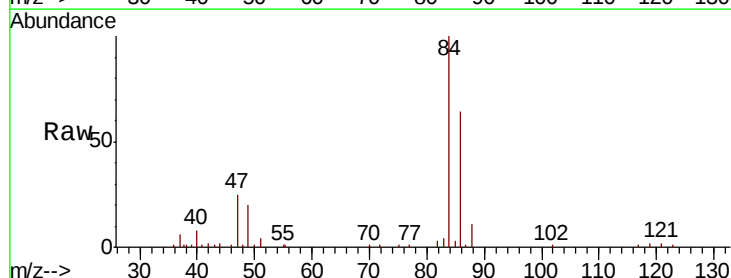
Acq: 18 Jun 2019 11:54

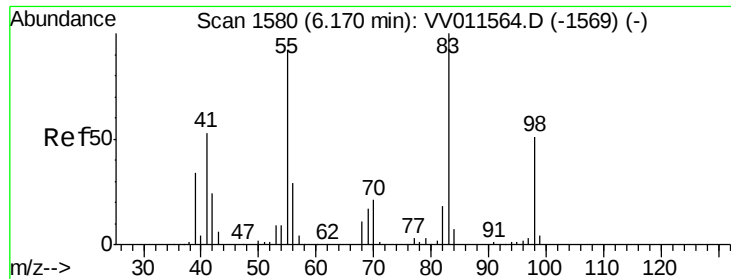
Tgt Ion: 83 Resp: 2212

Ion Ratio Lower Upper

83 100

85 75.4 44.6 82.8





#35

Methylcyclohexane

Concen: 0.997 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011568.D

Acq: 18 Jun 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

BFB50

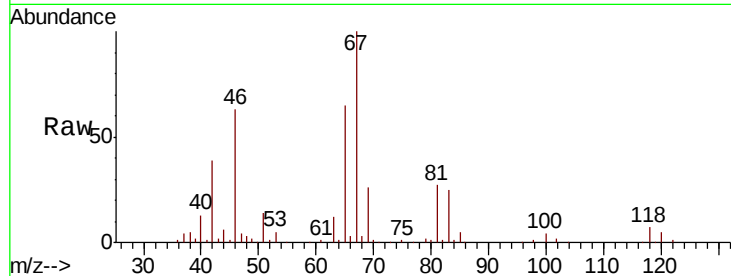
Tgt Ion: 83 Resp: 19180

Ion Ratio Lower Upper

83 100

55 1.0 67.9 101.9#

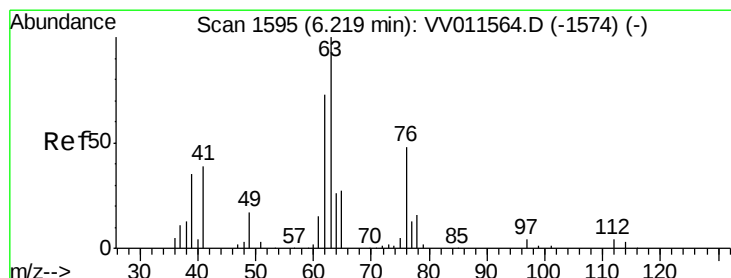
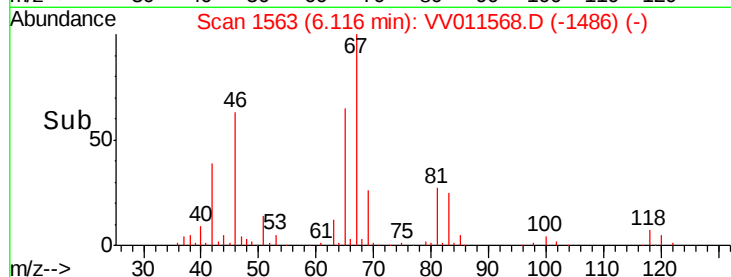
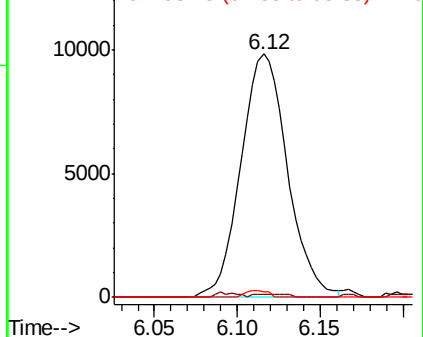
98 1.4 39.6 59.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.702 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011568.D

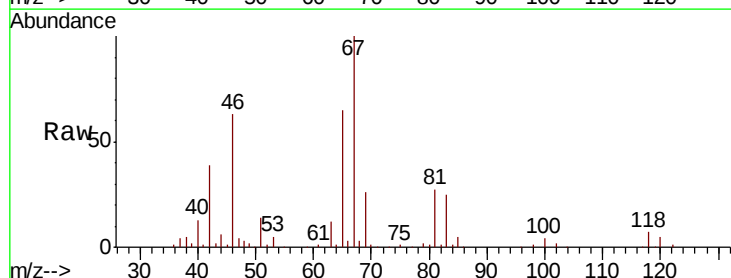
Acq: 18 Jun 2019 11:54

Tgt Ion: 63 Resp: 9893

Ion Ratio Lower Upper

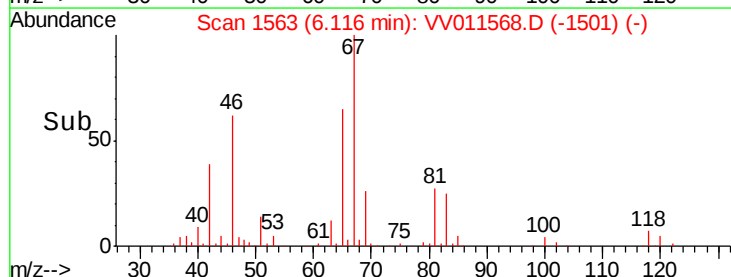
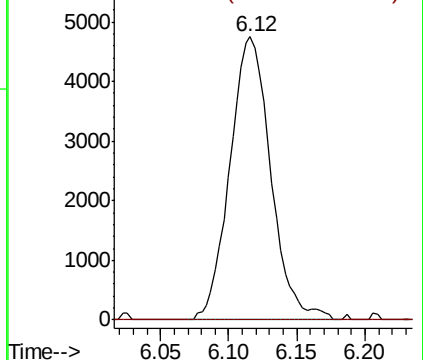
63 100

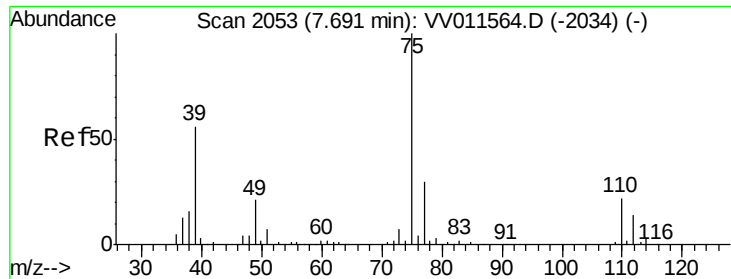
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011568.D

Acq: 18 Jun 2019 11:54

Instrument :

MSVOA_V

ClientSampleId :

BFB50

Tgt Ion: 75 Resp: 1402

Ion Ratio Lower Upper

75 100

77 53.3 22.8 42.4#

