

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018392.D
 Acq On : 22 Sep 2020 13:51
 Operator : SY/MD
 Sample : L4090-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFX09

Quant Time: Sep 23 05:57:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 05:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243263	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243119	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	115650	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96983	48.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.84%
7) Chloroethane-d5	1.58	69	84556	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.24%
11) 1,1-Dichloroethene-d2	2.12	63	147228	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.98%
21) 2-Butanone-d5	3.92	46	130410	107.47	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.47%
24) Chloroform-d	4.38	84	189688	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
26) 1,2-Dichloroethane-d4	5.06	65	127086	57.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.28%
32) Benzene-d6	5.08	84	388255	55.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.56%
36) 1,2-Dichloropropane-d6	6.09	67	123492	55.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.68%
41) Toluene-d8	7.34	98	349155	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%
43) trans-1,3-Dichloropropene-	7.64	79	60669	53.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.98%
47) 2-Hexanone-d5	8.11	63	78730	93.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134078	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	147092	61.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.86%#

Target Compounds

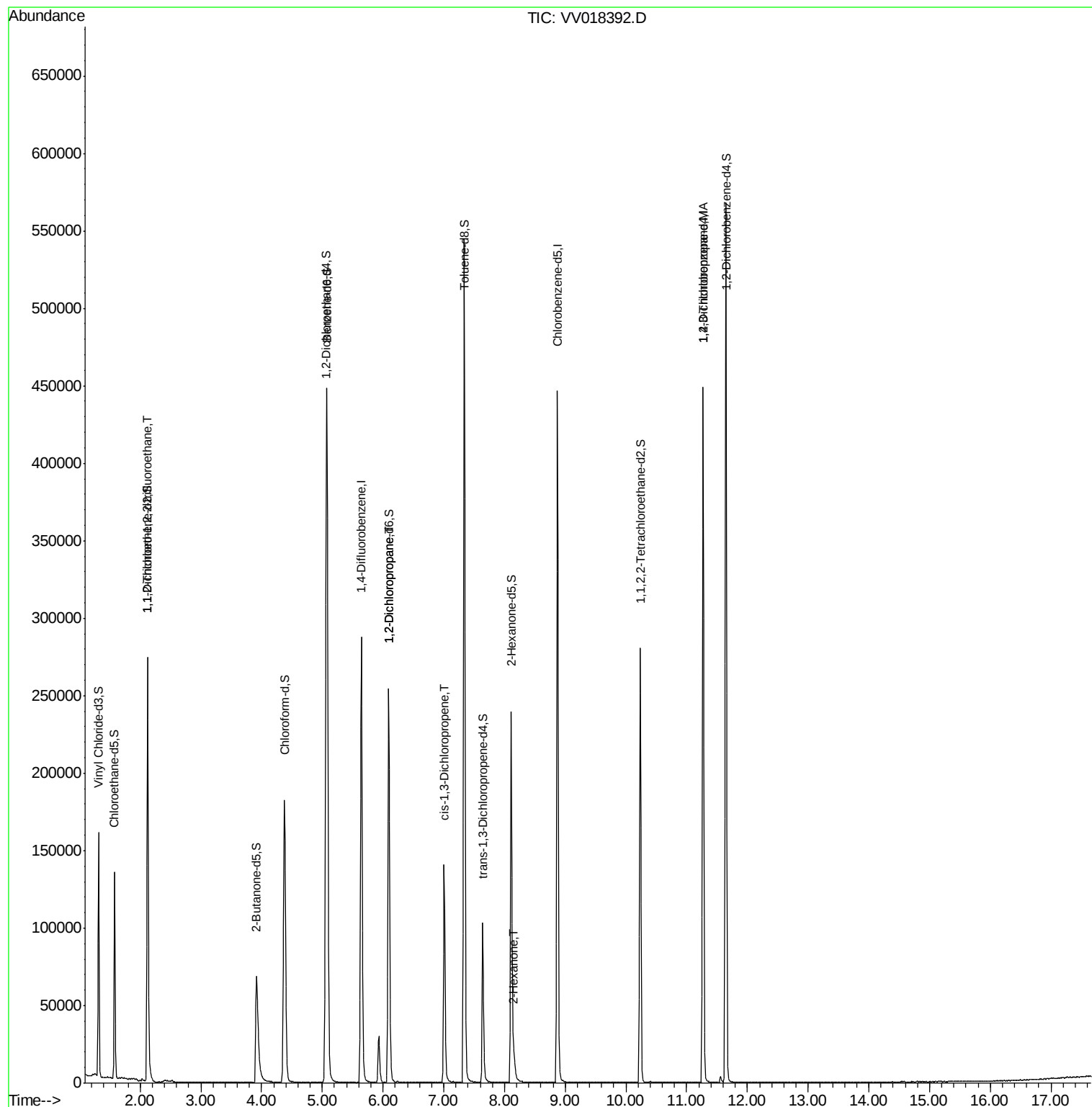
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1298	0.791 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	13670	7.421 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3380	1.191 ug/L #	70
48) 2-Hexanone	8.16	43	8199	4.654 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	12894	5.952 ug/L	94

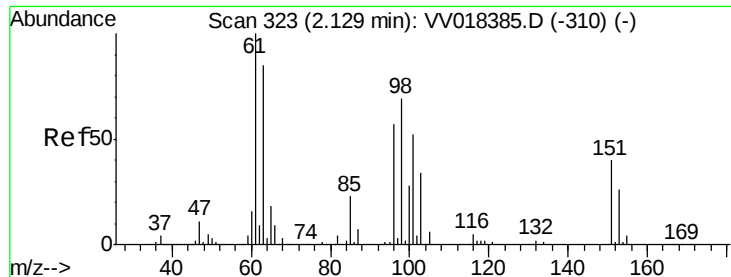
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.791 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV018392.D

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Instrument :

MSVOA_V

ClientSampleId :

BFX09

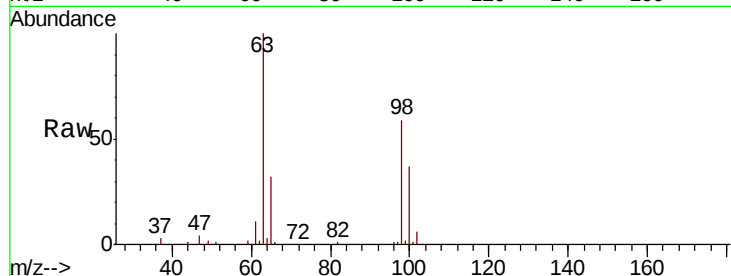
Tot Ion:101 Resp: 1298

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

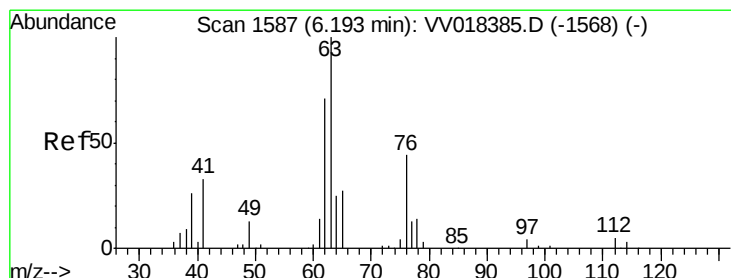
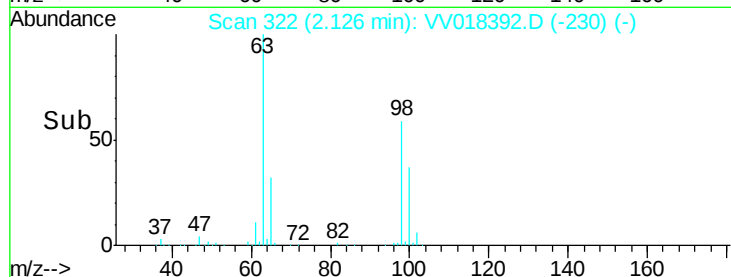
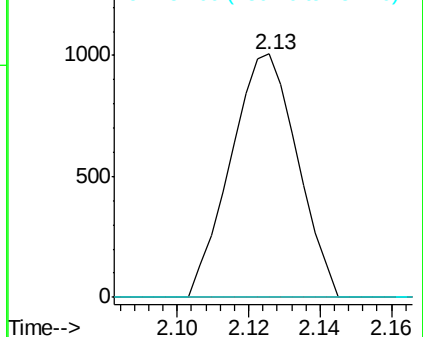
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#37

1,2-Dichloropropane

Concen: 7.421 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018392.D

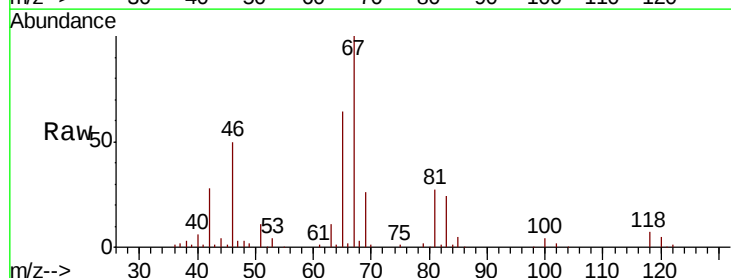
Acq: 22 Sep 2020 13:51

Tgt Ion: 63 Resp: 13670

Ion Ratio Lower Upper

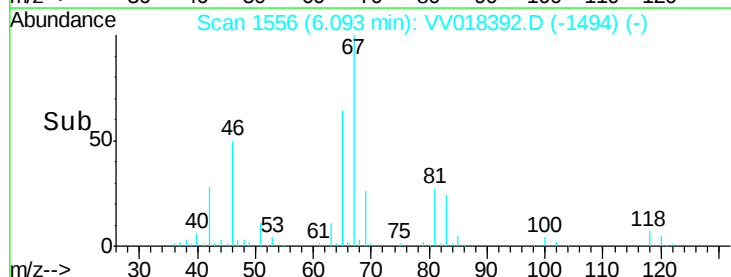
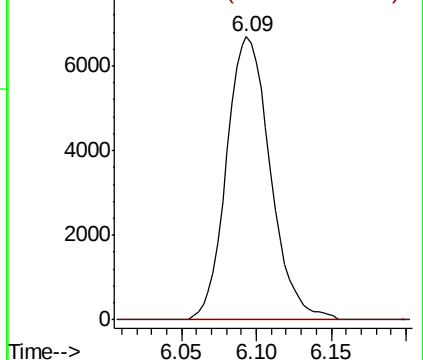
63 100

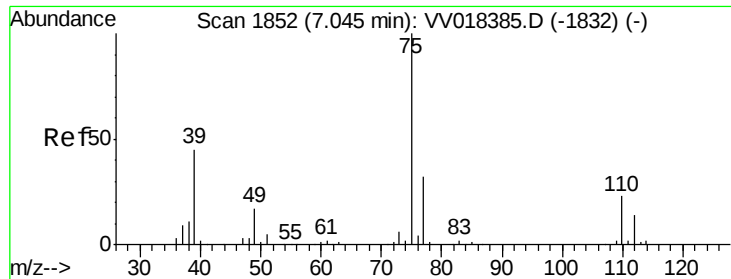
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



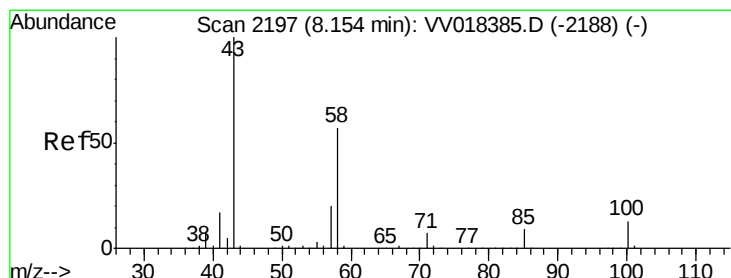
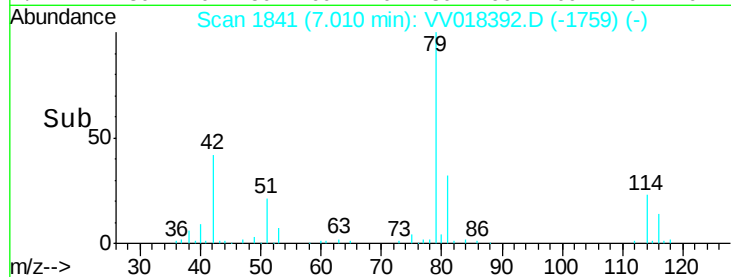
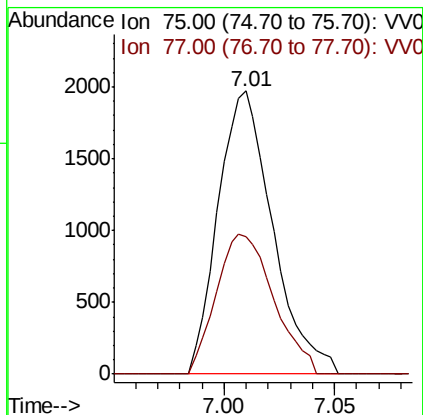
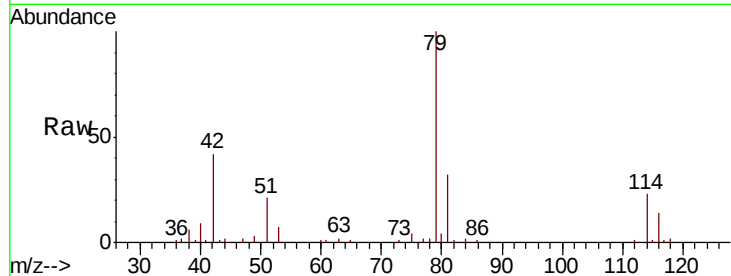


#39

cis-1,3-Dichloropropene
 Concen: 1.191 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018392.D
 Acq: 22 Sep 2020 13:51

Instrument :
 MSVOA_V
 ClientSampled :
 BFX09

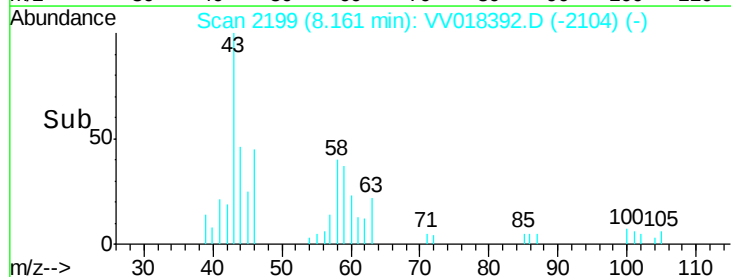
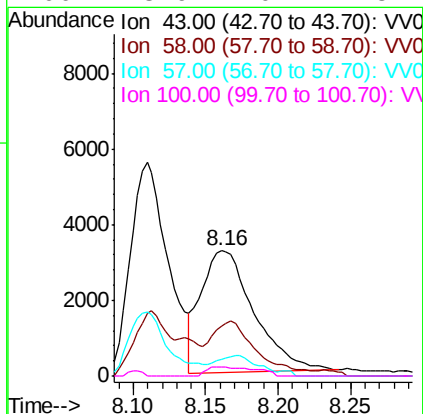
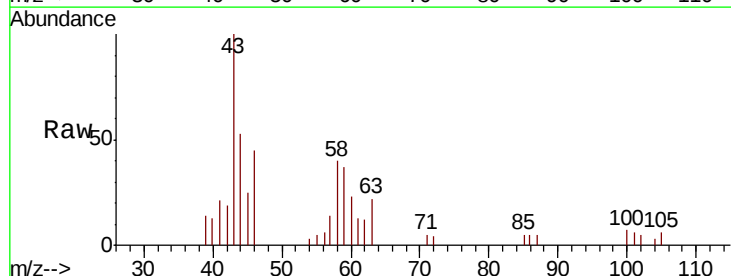
Tot Ion: 75 Resp: 3380
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.3 41.3#

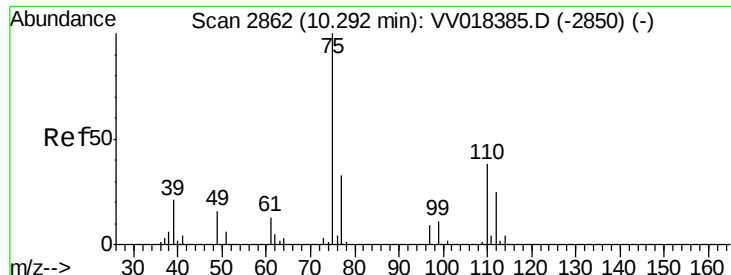


#48

2-Hexanone
 Concen: 4.654 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018392.D
 Acq: 22 Sep 2020 13:51

Tgt Ion: 43 Resp: 8199
 Ion Ratio Lower Upper
 43 100
 58 28.7 44.8 67.2#
 57 12.7 15.8 23.6#
 100 3.9 10.2 15.4#





#59
 1,2,3-Trichloropropane
 Concen: 5.952 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018392.D
 Acq: 22 Sep 2020 13:51

Instrument :
 MSVOA_V
 ClientSampleId :
 BFX09

Tot Ion: 75 Resp: 12894
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.8 38.6

