

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018203.D
 Acq On : 14 Sep 2020 15:05
 Operator : SY/MD
 Sample : L4012-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFX06

Quant Time: Sep 15 05:28:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 05:21:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293935	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	291601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141708	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94920	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.24%
7) Chloroethane-d5	1.58	69	87712	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.50%
11) 1,1-Dichloroethene-d2	2.12	63	144578	32.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.80%
21) 2-Butanone-d5	3.91	46	146376	99.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.83%
24) Chloroform-d	4.38	84	199399	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.06	65	134235	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.08	84	394285	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
36) 1,2-Dichloropropane-d6	6.09	67	127881	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.42%
41) Toluene-d8	7.34	98	346877	45.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.64	79	64191	47.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.24%
47) 2-Hexanone-d5	8.11	63	111177	110.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173481	52.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	150643	51.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.52%

Target Compounds

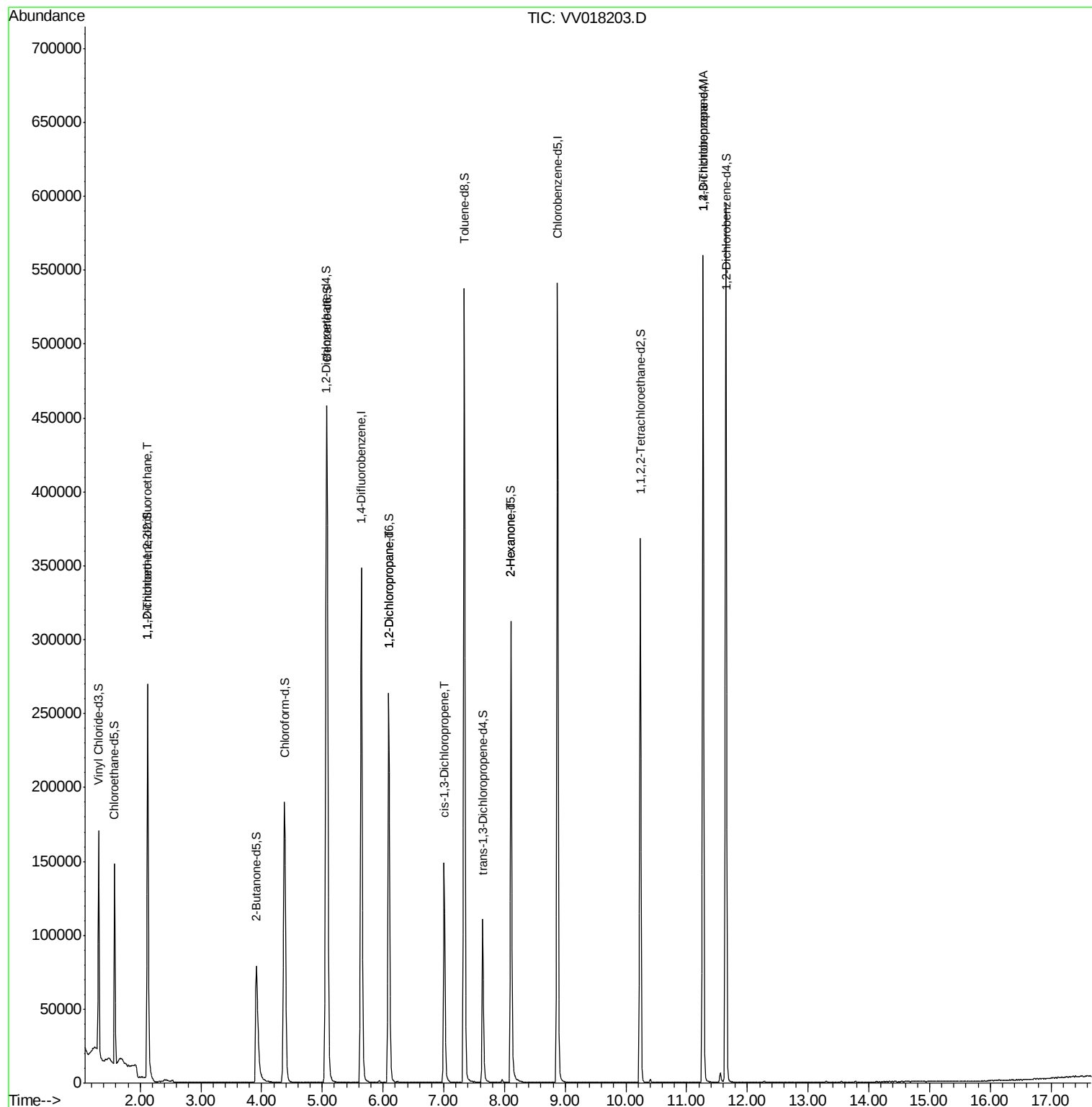
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1434	0.723 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	14112	6.388 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3612	1.061 ug/L #	71
48) 2-Hexanone	8.11	43	12423	5.879 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	16467	6.337 ug/L	93

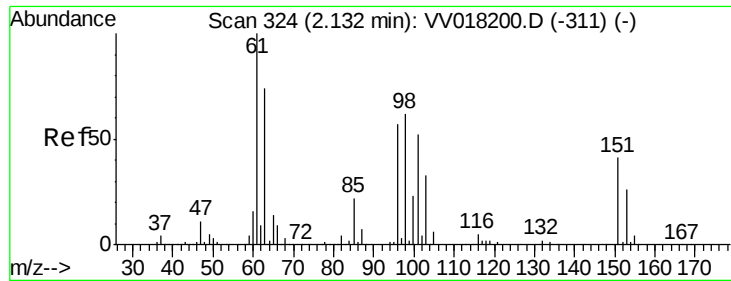
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.723 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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BFX06

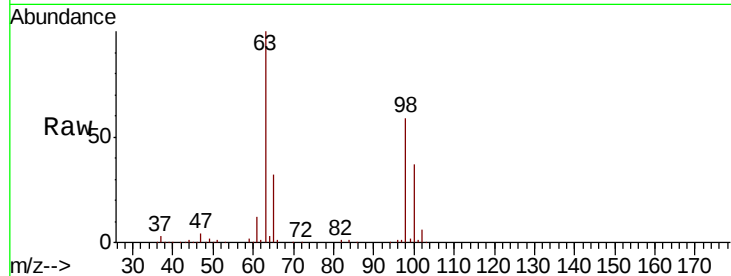
Tot Ion:101 Resp: 1434

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

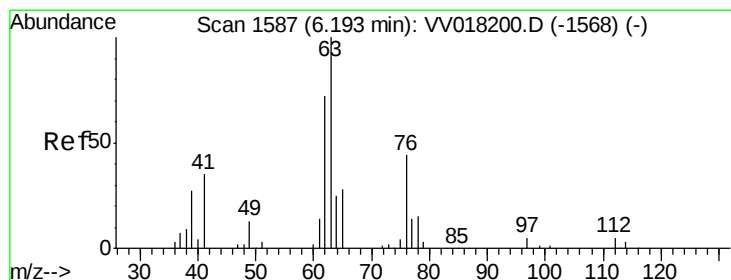
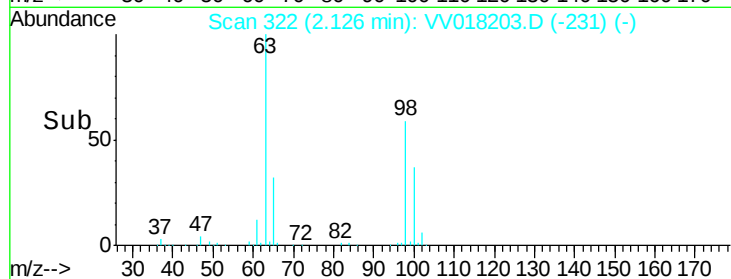
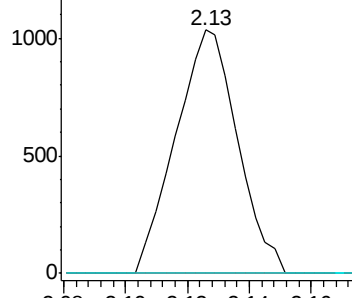
151 0.0 62.2 93.2#



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: 6.388 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018203.D

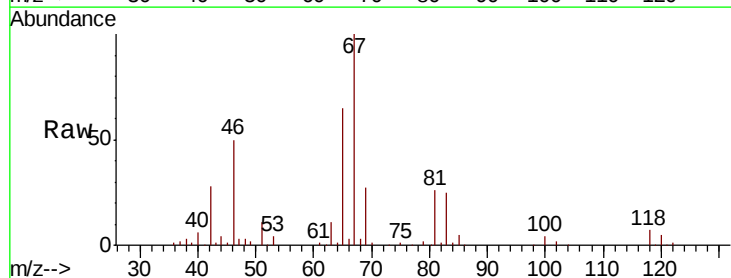
Acq: 14 Sep 2020 15:05

Tgt Ion: 63 Resp: 14112

Ion Ratio Lower Upper

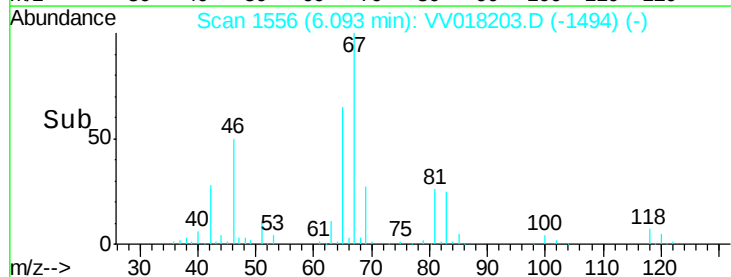
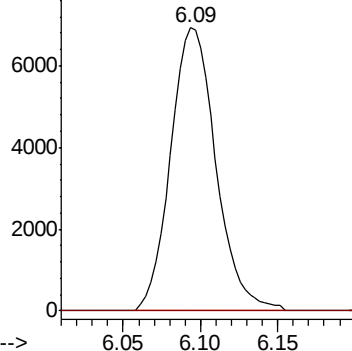
63 100

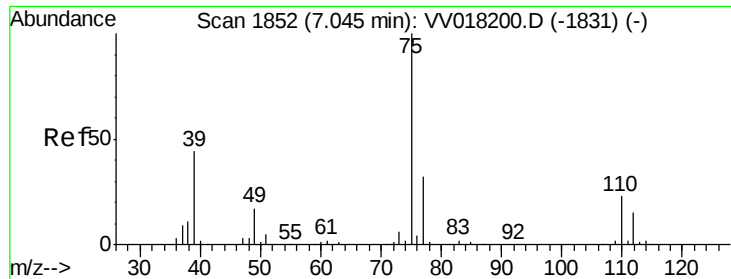
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

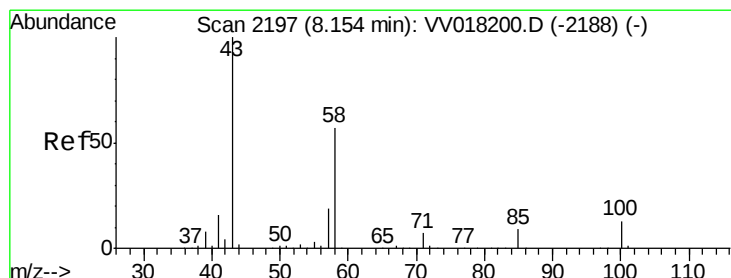
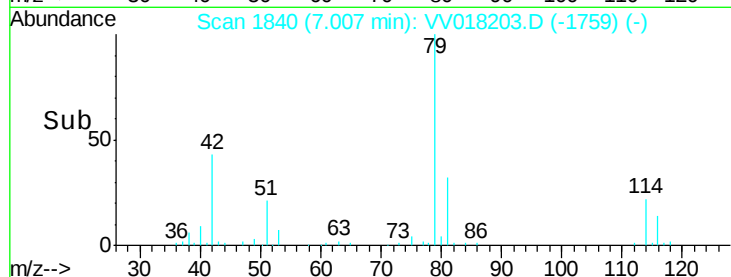
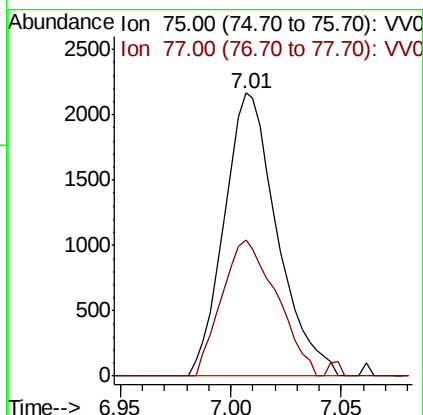
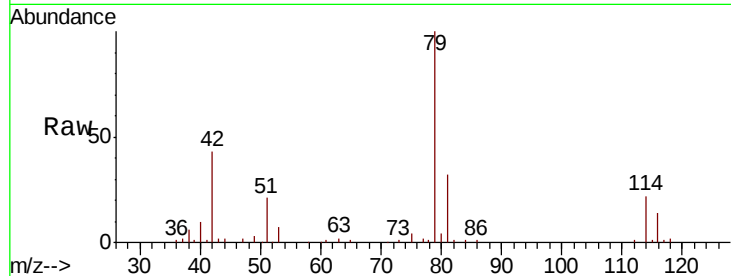




#39
 cis-1,3-Dichloropropene
 Concen: 1.061 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018203.D
 Acq: 14 Sep 2020 15:05

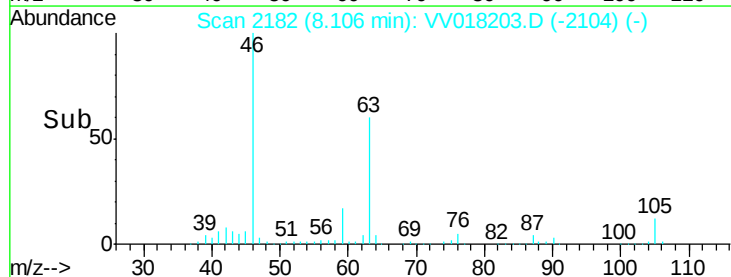
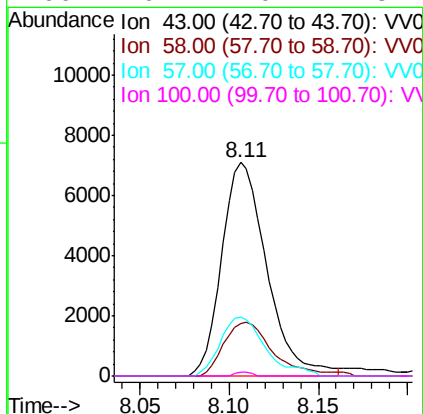
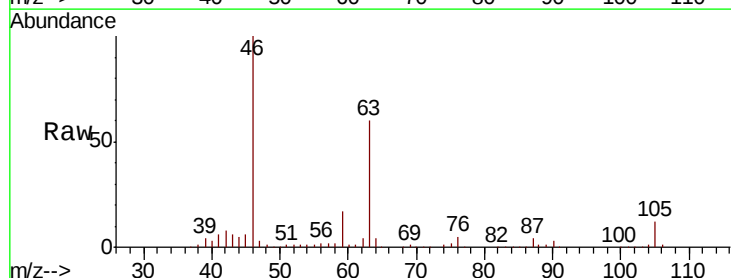
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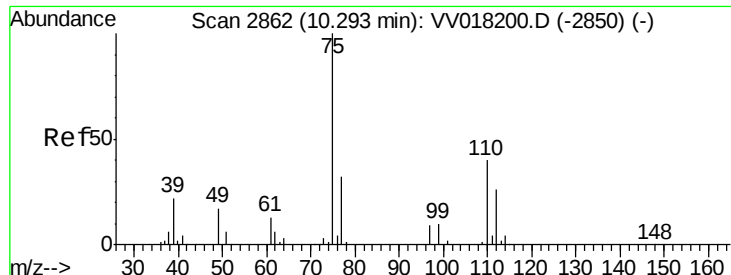
Tot Ion: 75 Resp: 3612
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.879 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV018203.D
 Acq: 14 Sep 2020 15:05

Tgt Ion: 43 Resp: 12423
 Ion Ratio Lower Upper
 43 100
 58 27.2 44.8 67.2#
 57 25.9 15.8 23.6#
 100 0.7 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.337 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018203.D

Acq: 14 Sep 2020 15:05

Instrument :

MSVOA_V

ClientSampleId :

BFX06

Tot Ion: 75 Resp: 16467

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.6

