

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018391.D
 Acq On : 22 Sep 2020 13:29
 Operator : SY/MD
 Sample : L4090-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWX7

Quant Time: Sep 23 05:57:27 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	291390	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288803	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140740	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88362	37.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.42%
7) Chloroethane-d5	1.58	69	76552	39.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.12	63	133942	30.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.50%
21) 2-Butanone-d5	3.92	46	118445	81.49	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.49%
24) Chloroform-d	4.38	84	173260	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
26) 1,2-Dichloroethane-d4	5.06	65	114823	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
32) Benzene-d6	5.08	84	351161	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.94%
36) 1,2-Dichloropropane-d6	6.09	67	114571	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.22%
41) Toluene-d8	7.34	98	319706	42.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.86%
43) trans-1,3-Dichloropropene-	7.64	79	54376	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.46%
47) 2-Hexanone-d5	8.11	63	75384	75.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.76%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	132841	40.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	134239	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%

Target Compounds

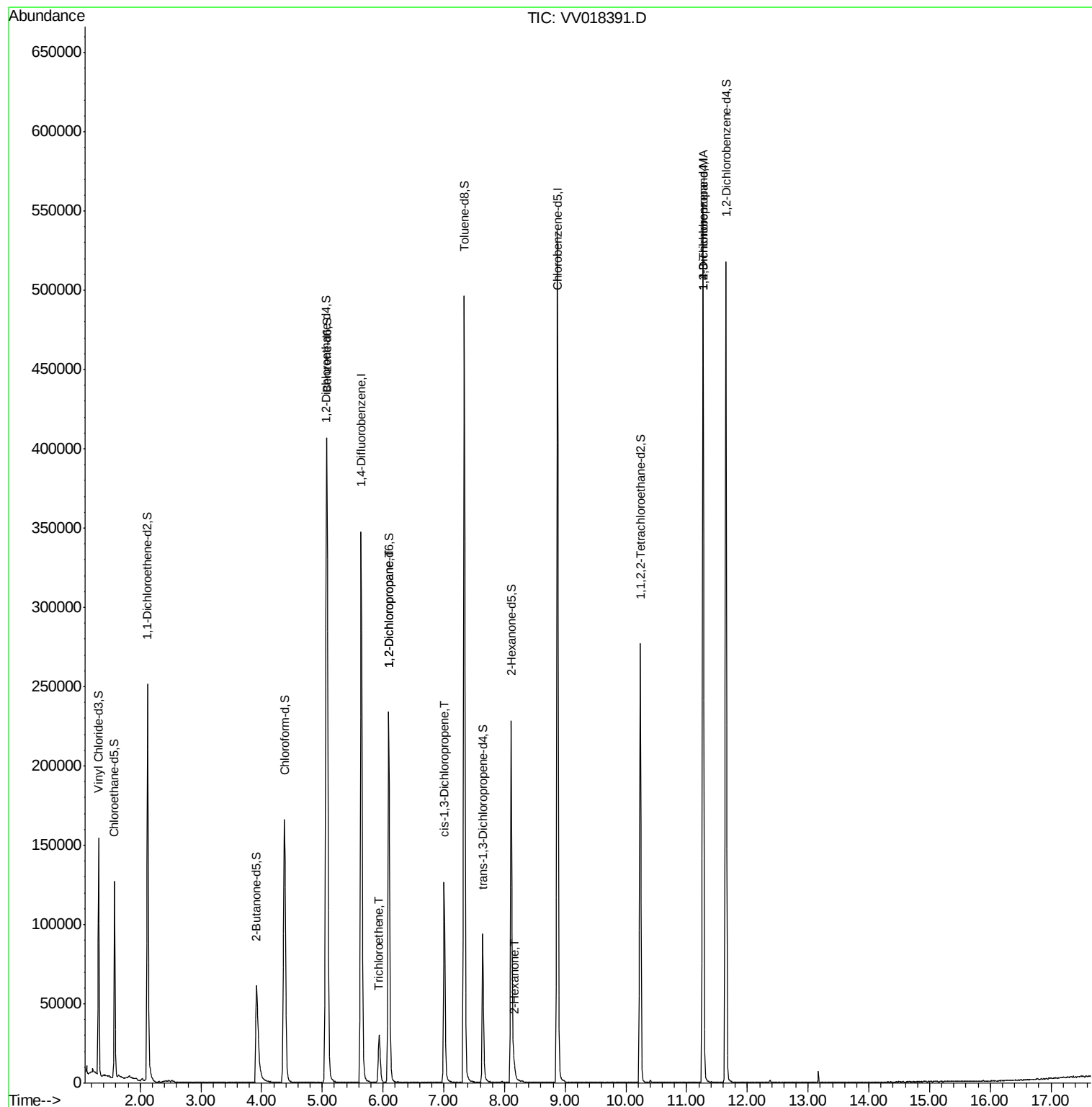
					Ovalue
34) Trichloroethene	5.94	95	6847	3.044 ug/L	92
37) 1,2-Dichloropropane	6.09	63	12026	5.496 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3047	0.904 ug/L #	67
48) 2-Hexanone	8.16	43	3935	1.880 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	16012	6.222 ug/L	89

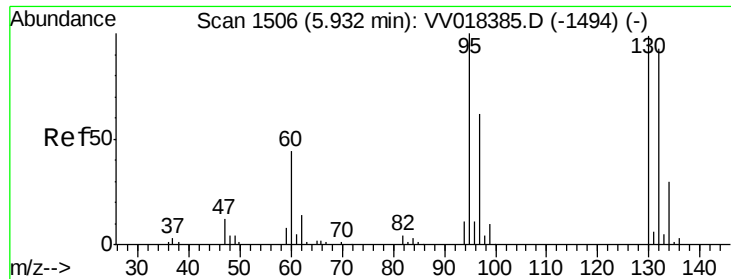
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 05:49:41 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 3.044 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018391.D

Acq: 22 Sep 2020 13:29

Instrument :

MSVOA_V

ClientSampled :

BFWX7

Tot Ion: 95 Resp: 6847

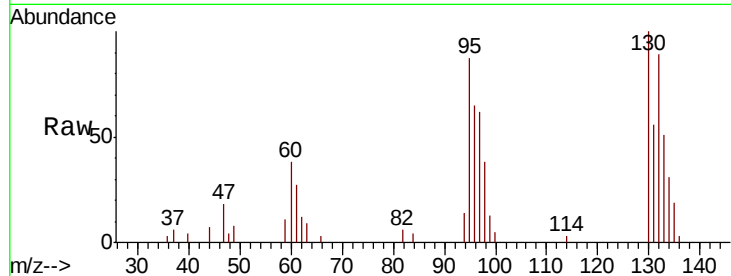
Ion Ratio Lower Upper

95 100

97 71.0 46.3 85.9

132 102.3 68.1 126.5

130 115.4 71.5 132.9

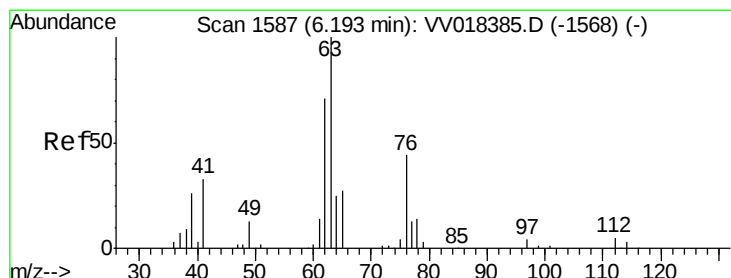
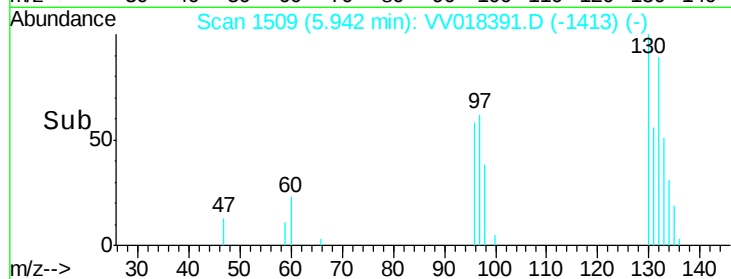
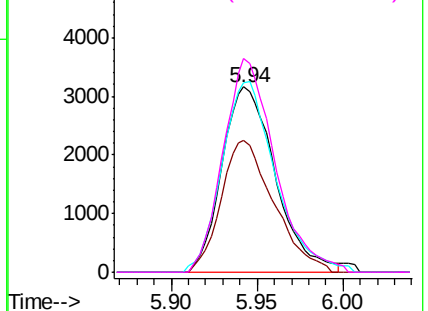


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.496 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018391.D

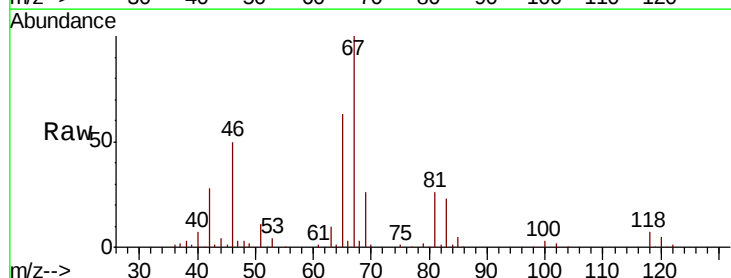
Acq: 22 Sep 2020 13:29

Tgt Ion: 63 Resp: 12026

Ion Ratio Lower Upper

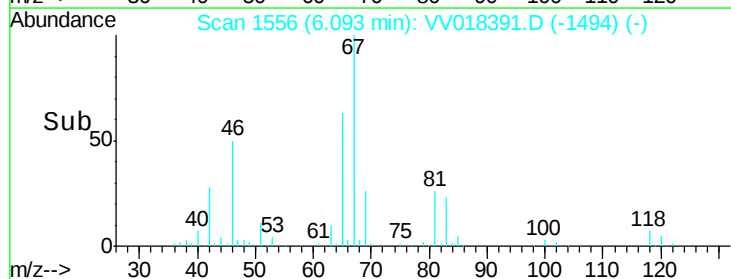
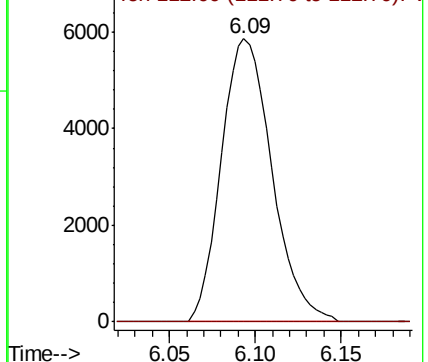
63 100

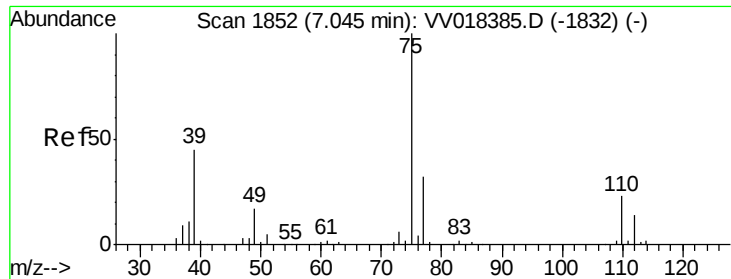
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

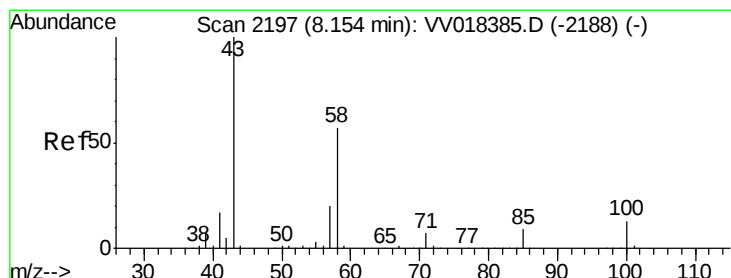
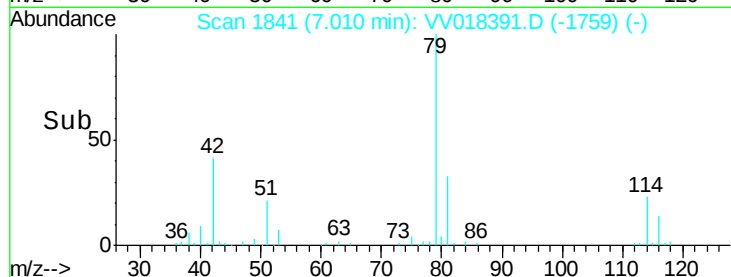
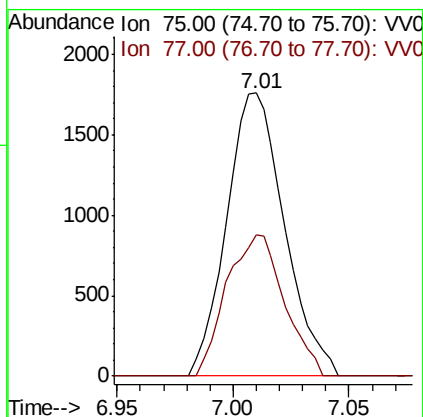
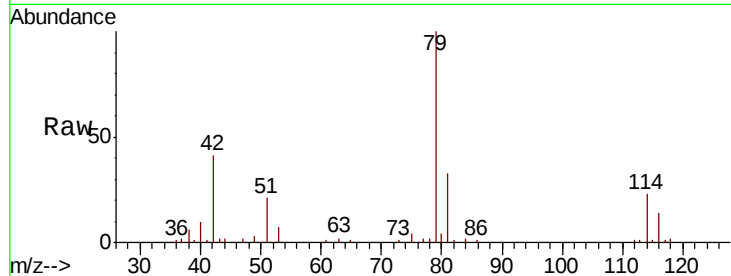




#39
 cis-1,3-Dichloropropene
 Concen: 0.904 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018391.D
 Acq: 22 Sep 2020 13:29

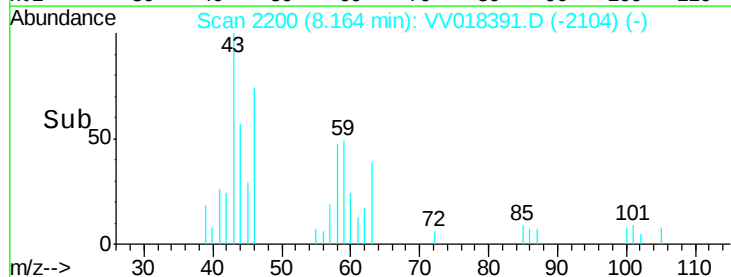
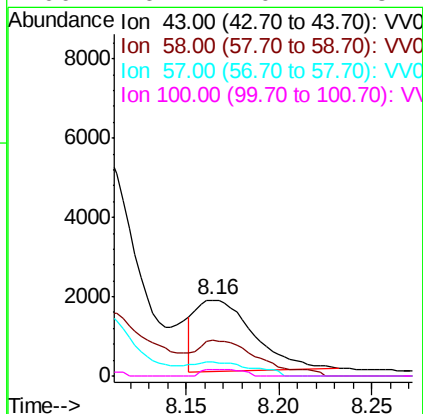
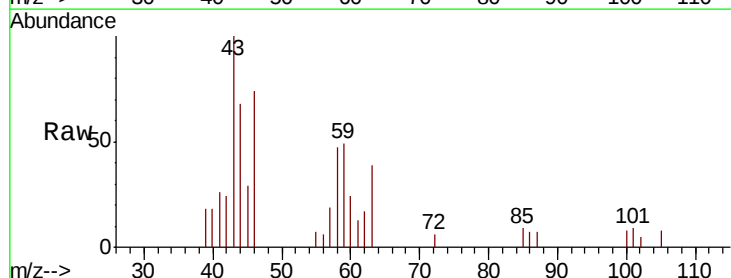
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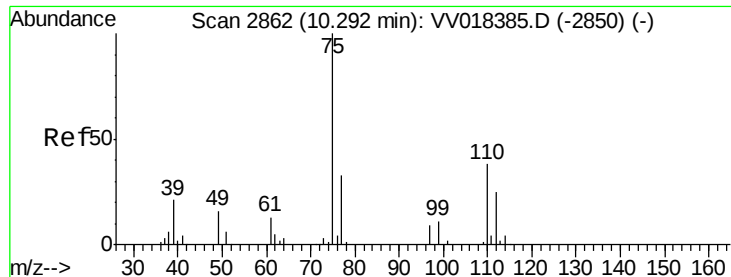
Tot Ion: 75 Resp: 3047
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.3 41.3#



#48
 2-Hexanone
 Concen: 1.880 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018391.D
 Acq: 22 Sep 2020 13:29

Tgt Ion: 43 Resp: 3935
 Ion Ratio Lower Upper
 43 100
 58 38.8 44.8 67.2#
 57 20.3 15.8 23.6
 100 6.2 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.222 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018391.D

Acq: 22 Sep 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

BFWX7

Tot Ion: 75 Resp: 16012

Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.6

