

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018292.D
 Acq On : 17 Sep 2020 20:15
 Operator : SY/MD
 Sample : L4043-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE3

Quant Time: Sep 18 06:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288439	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287741	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137125	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79821	33.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.92%
7) Chloroethane-d5	1.58	69	71141	36.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.98%
11) 1,1-Dichloroethene-d2	2.12	63	122742	28.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.94%#
21) 2-Butanone-d5	3.92	46	122729	85.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.30%
24) Chloroform-d	4.38	84	164391	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
26) 1,2-Dichloroethane-d4	5.06	65	110056	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.20%
32) Benzene-d6	5.08	84	324478	39.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.78%
36) 1,2-Dichloropropane-d6	6.09	67	105900	40.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.92%
41) Toluene-d8	7.34	98	288904	38.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.96%#
43) trans-1,3-Dichloropropene-	7.64	79	51066	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
47) 2-Hexanone-d5	8.11	63	85897	86.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142277	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	125299	44.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.98%

Target Compounds

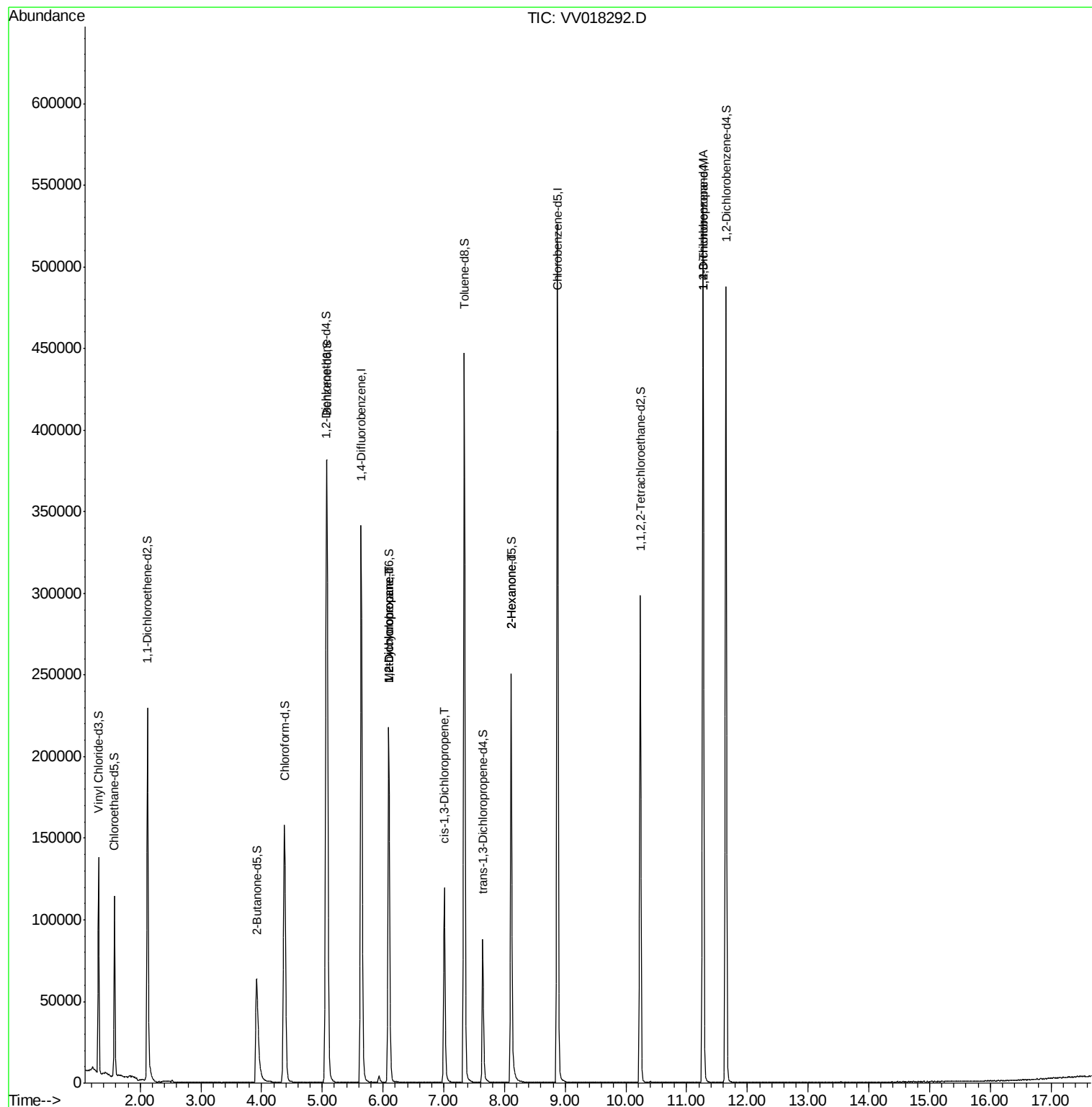
					Ovalue
35) Methylcyclohexane	6.09	83	25671	7.608	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	11576	5.310	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2836	0.844	ug/L # 63
48) 2-Hexanone	8.11	43	10041	4.816	ug/L # 68
59) 1,2,3-Trichloropropane	11.27	75	15437	6.020	ug/L 90

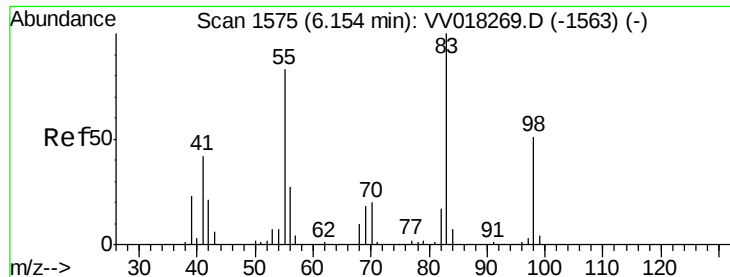
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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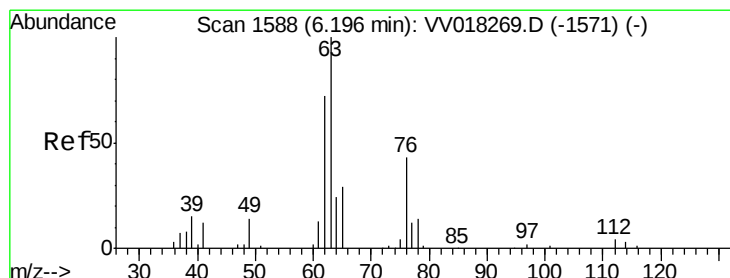
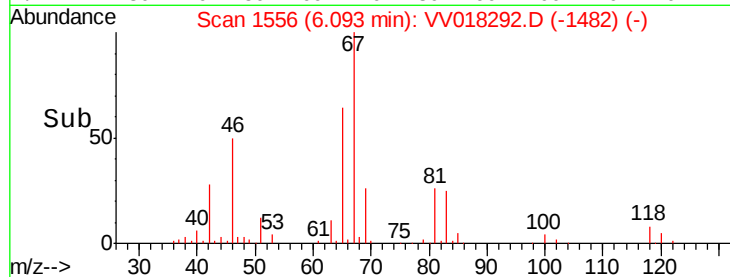
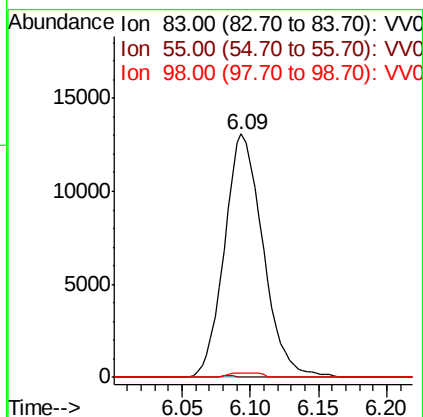
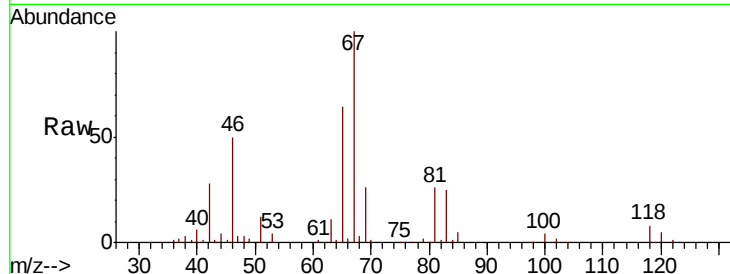




#35
Methvlcvclohexane
Concen: 7.608 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018292.D
Acq: 17 Sep 2020 20:15

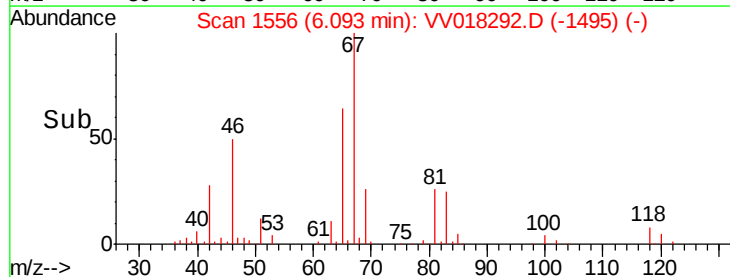
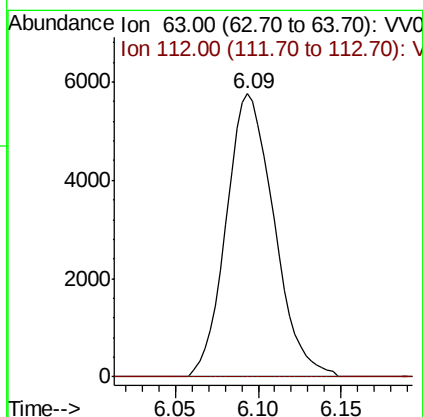
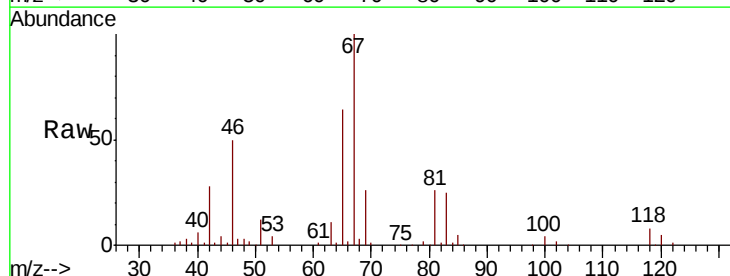
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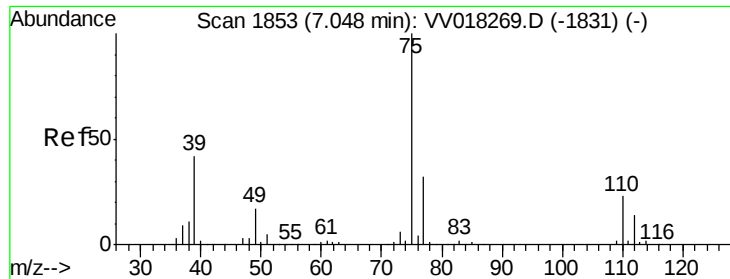
Tot Ion	83	Resp	25671
Ion Ratio	Lower	Upper	
83	100		
55	0.3	63.4	95.2#
98	1.6	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 5.310 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018292.D
Acq: 17 Sep 2020 20:15

Tgt Ion	63	Resp	11576
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#

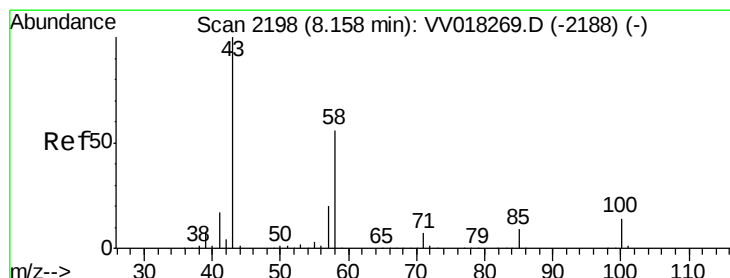
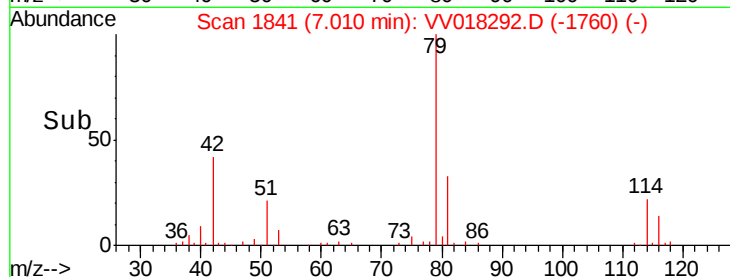
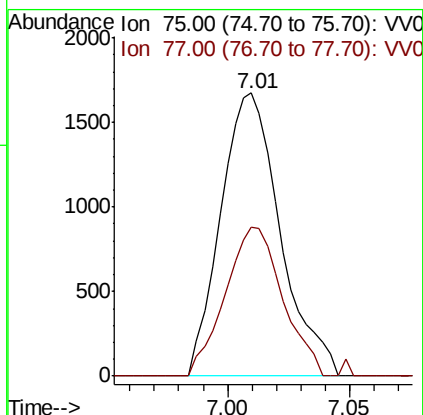
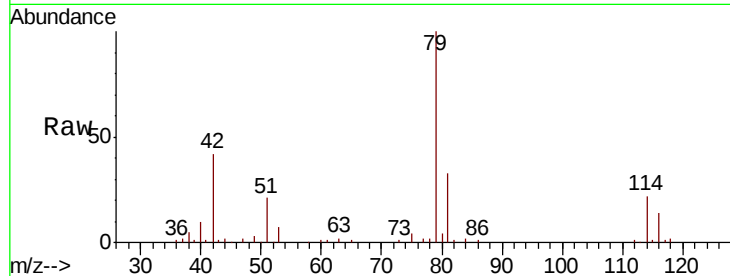




#39
 cis-1,3-Dichloropropene
 Concen: 0.844 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018292.D
 Acq: 17 Sep 2020 20:15

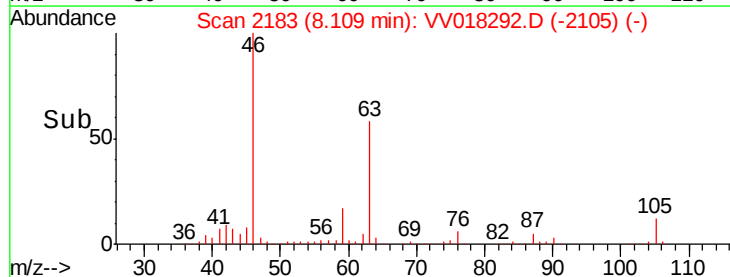
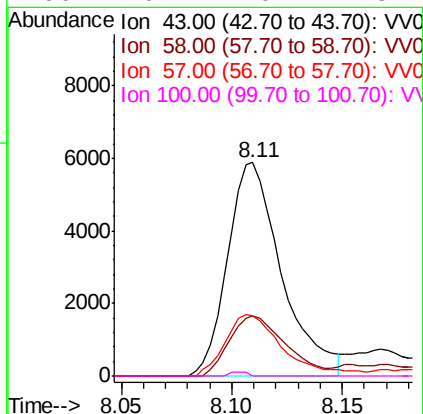
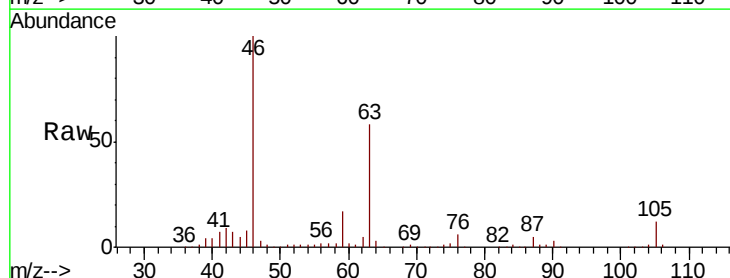
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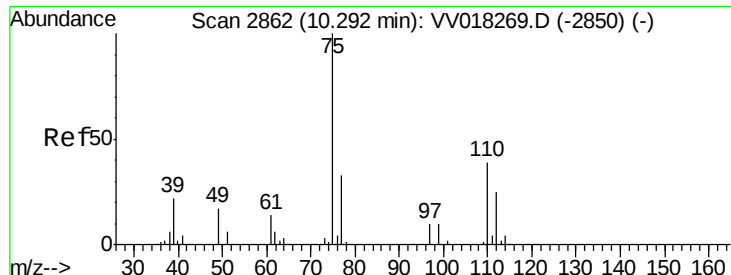
Tot Ion: 75 Resp: 2836
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.816 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018292.D
 Acq: 17 Sep 2020 20:15

Tgt Ion: 43 Resp: 10041
 Ion Ratio Lower Upper
 43 100
 58 29.4 44.8 67.2#
 57 29.3 15.8 23.6#
 100 0.7 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.020 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018292.D

Acq: 17 Sep 2020 20:15

Instrument :

MSVOA_V

ClientSampleId :

C0AE3

Tot Ion: 75 Resp: 15437

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.6

