

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018038.D
 Acq On : 17 Aug 2020 20:18
 Operator : SY/MD
 Sample : L3702-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Aug 18 01:29:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	261845	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86826	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.92%
7) Chloroethane-d5	1.58	69	75483	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.36%
11) 1,1-Dichloroethene-d2	2.12	63	132106	34.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.14%
21) 2-Butanone-d5	3.91	46	123127	94.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.38	84	162080	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.06	65	111993	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
32) Benzene-d6	5.08	84	324854	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
36) 1,2-Dichloropropane-d6	6.09	67	107085	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.78%
41) Toluene-d8	7.34	98	284128	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%
43) trans-1,3-Dichloropropene-	7.64	79	47502	44.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.78%
47) 2-Hexanone-d5	8.11	63	59284	79.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129773	42.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	119263	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

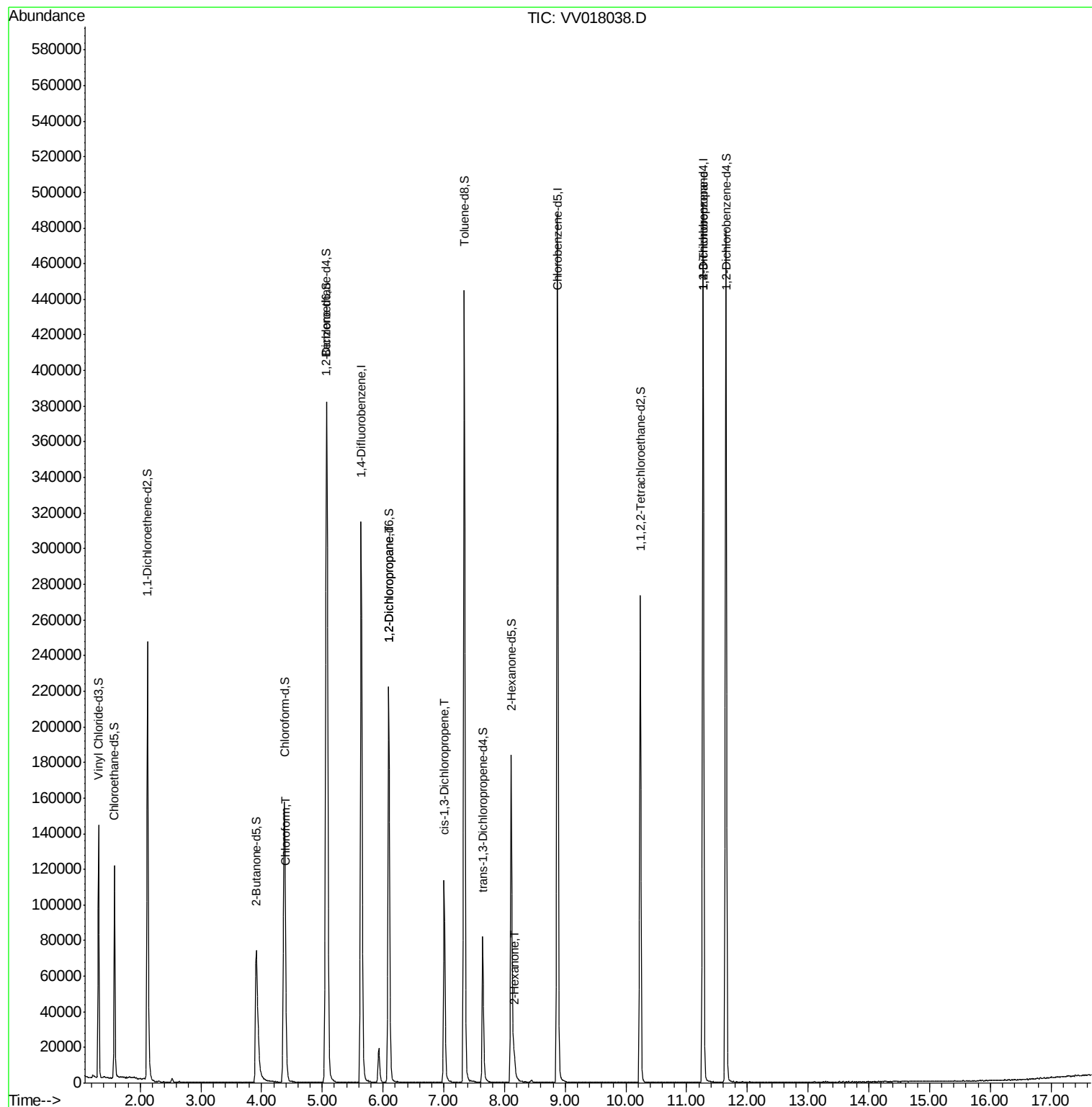
					Ovalue
25) Chloroform	4.40	83	4702	1.270 ug/L	93
37) 1,2-Dichloropropane	6.09	63	11700	5.355 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2845	0.918 ug/L #	56
48) 2-Hexanone	8.16	43	8884	3.857 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	14822	5.493 ug/L	90

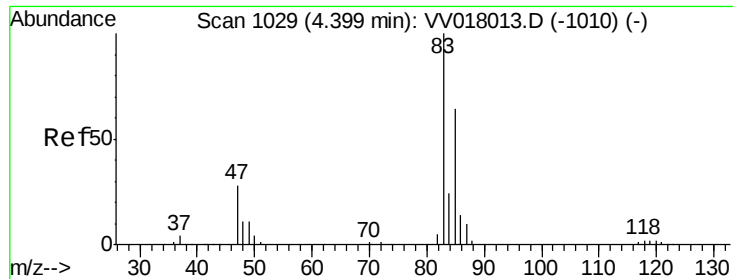
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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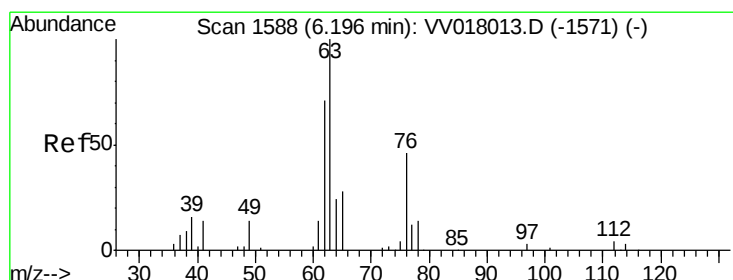
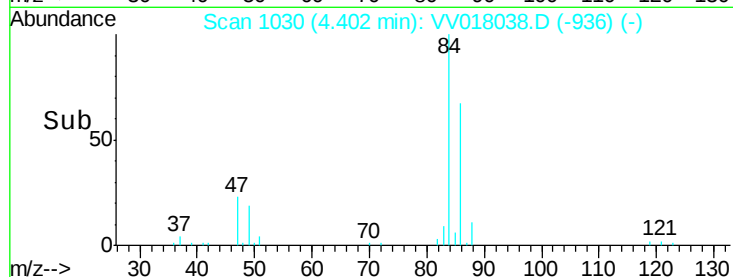
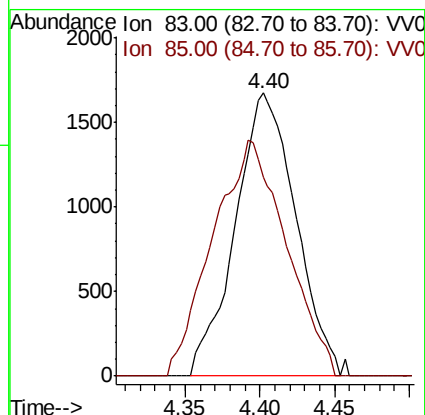
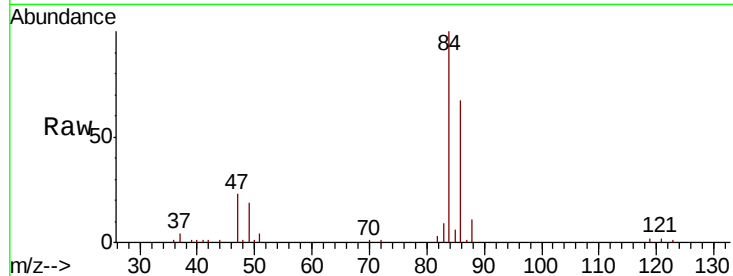




#25
Chloroform
Concen: 1.270 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018038.D
Acq: 17 Aug 2020 20:18

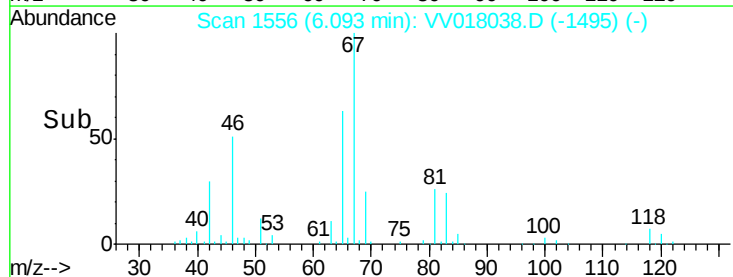
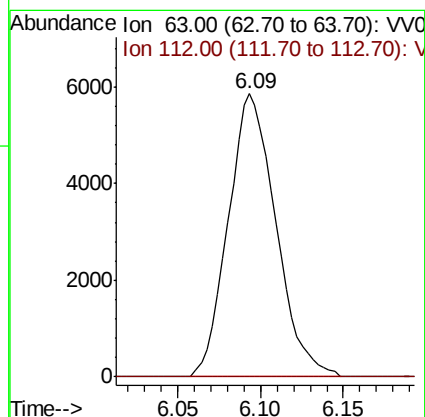
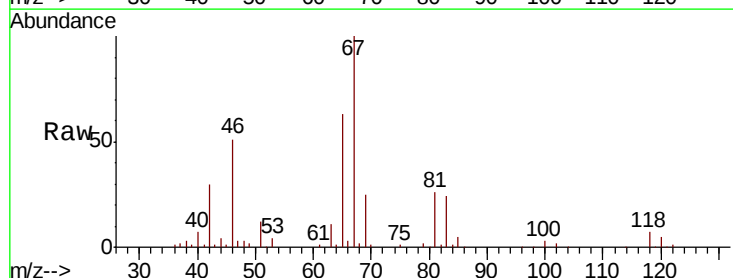
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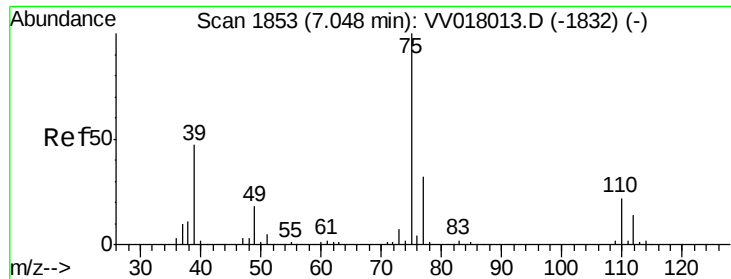
Tot Ion: 83 Resp: 4702
Ion Ratio Lower Upper
83 100
85 70.2 45.5 84.5



#37
1,2-Dichloropropane
Concen: 5.355 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018038.D
Acq: 17 Aug 2020 20:18

Tgt Ion: 63 Resp: 11700
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

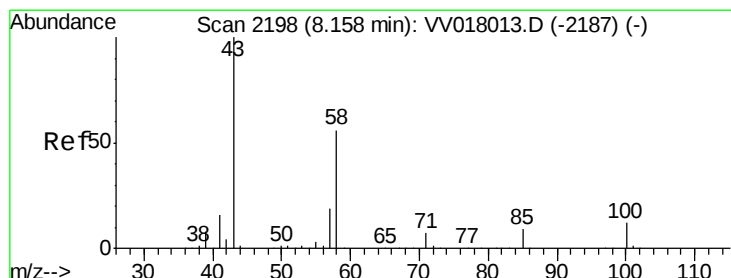
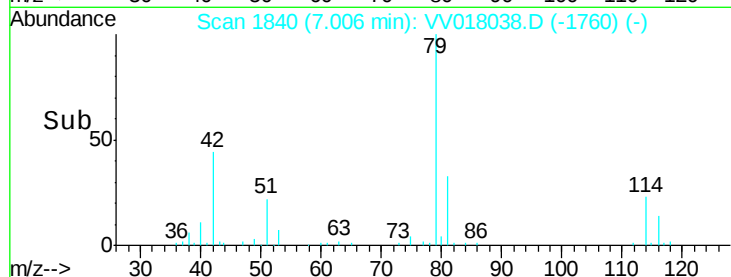
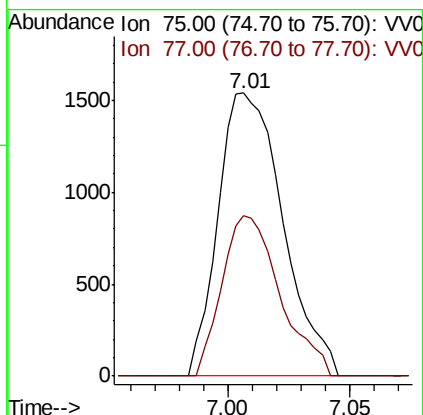
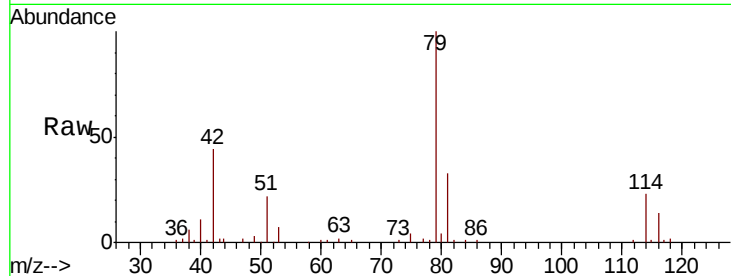




#39
 cis-1,3-Dichloropropene
 Concen: 0.918 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018038.D
 Acq: 17 Aug 2020 20:18

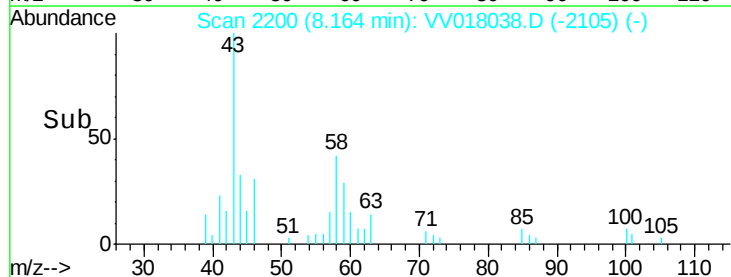
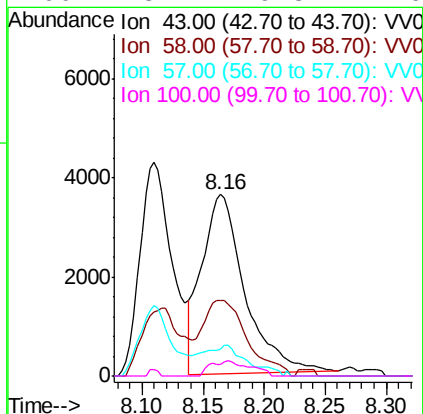
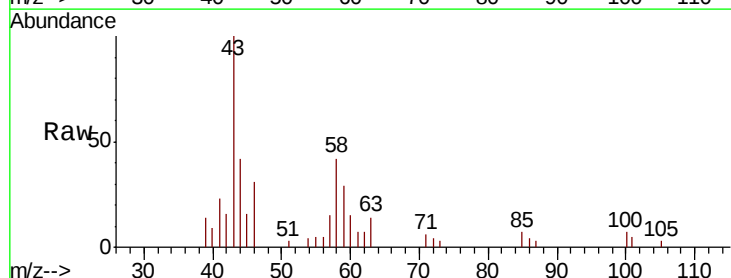
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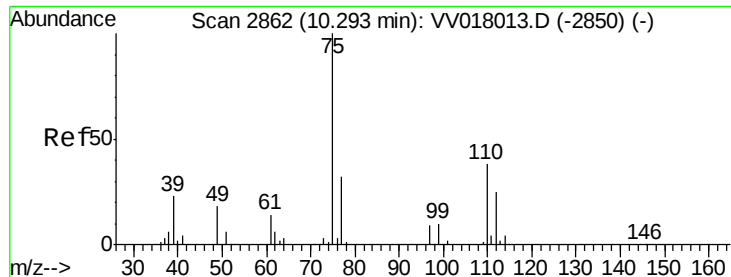
Tot Ion: 75 Resp: 2845
 Ion Ratio Lower Upper
 75 100
 77 56.5 22.3 41.5#



#48
 2-Hexanone
 Concen: 3.857 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018038.D
 Acq: 17 Aug 2020 20:18

Tgt Ion: 43 Resp: 8884
 Ion Ratio Lower Upper
 43 100
 58 43.7 44.4 66.6#
 57 5.4 15.2 22.8#
 100 5.4 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.493 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018038.D

Acq: 17 Aug 2020 20:18

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 14822

Ion Ratio Lower Upper

75 100

77 37.9 25.7 38.5

