

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018743.D
 Acq On : 07 Oct 2020 21:22
 Operator : SY/MD
 Sample : L4239-12 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 06:41:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305697	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143535	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78468	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.54%
7) Chloroethane-d5	1.58	69	70172	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.68%
11) 1,1-Dichloroethene-d2	2.12	63	130859	35.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.64%
21) 2-Butanone-d5	3.91	46	113971	85.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.22%
24) Chloroform-d	4.38	84	162521	41.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.84%
26) 1,2-Dichloroethane-d4	5.05	65	115137	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.07	84	314929	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.36%
36) 1,2-Dichloropropane-d6	6.09	67	98414	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.24%
41) Toluene-d8	7.34	98	281965	40.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.28%
43) trans-1,3-Dichloropropene-	7.64	79	51045	41.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.76%
47) 2-Hexanone-d5	8.11	63	59449	69.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.37%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	107047	35.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	121390	43.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.96%

Target Compounds

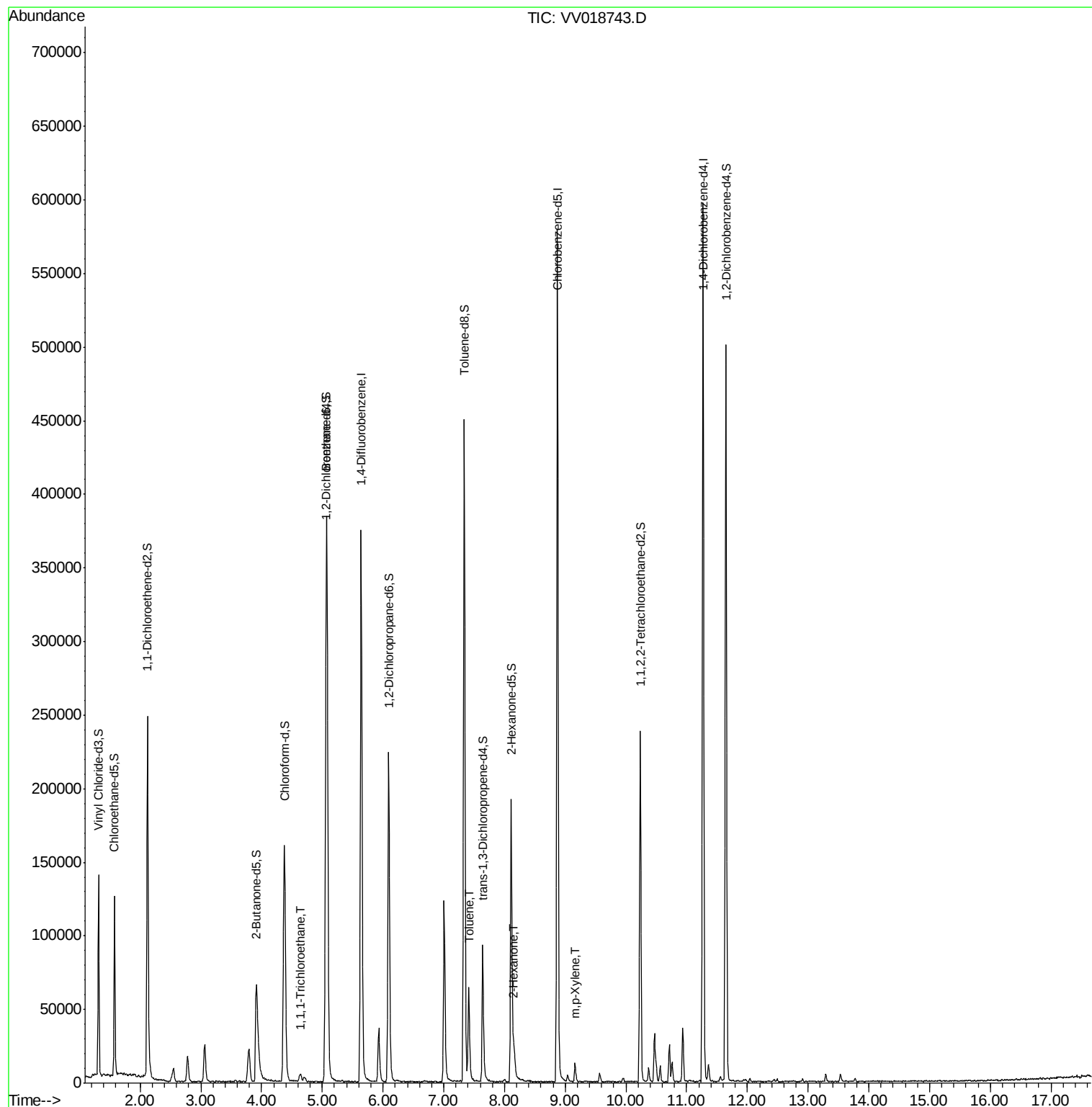
					Ovalue
30) 1,1,1-Trichloroethane	4.64	97	3972	1.085 ug/L #	77
42) Toluene	7.41	91	45720	4.880 ug/L	99
48) 2-Hexanone	8.16	43	10777	4.817 ug/L #	73
53) m,p-Xylene	9.16	106	3039	0.752 ug/L	90

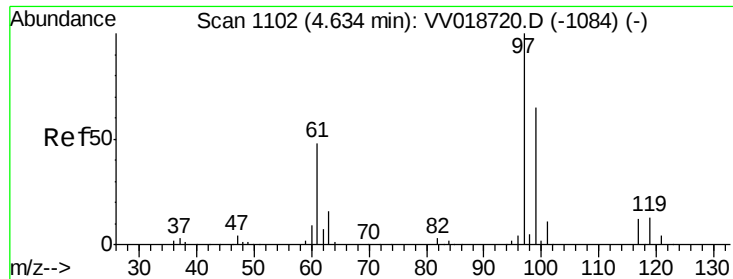
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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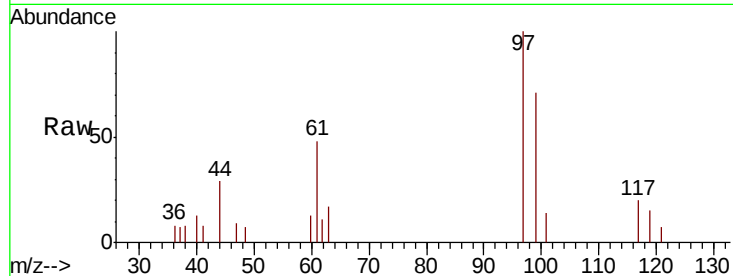




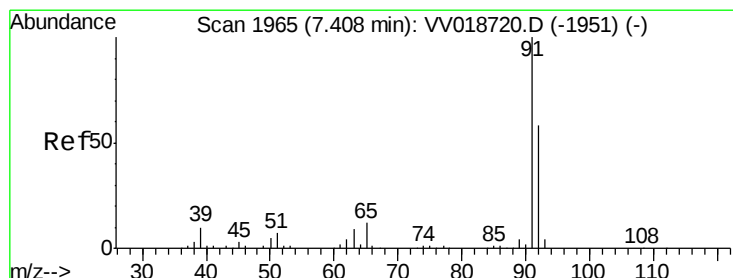
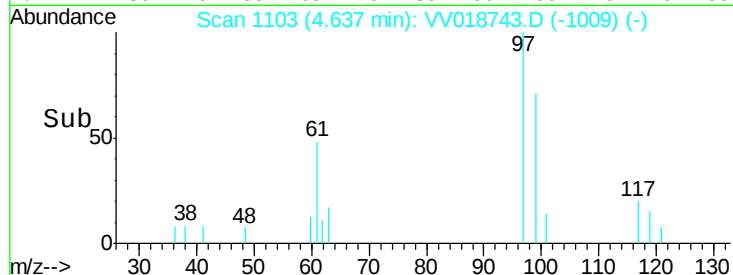
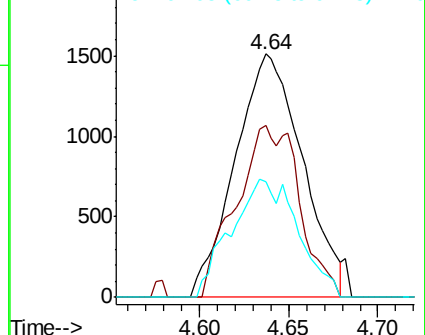
#30
 1,1,1-Trichloroethane
 Concen: 1.085 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV018743.D
 Acq: 07 Oct 2020 21:22

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 97 Resp: 3972
 Ion Ratio Lower Upper
 97 100
 99 43.1 51.4 77.0#
 61 32.1 33.9 50.9#

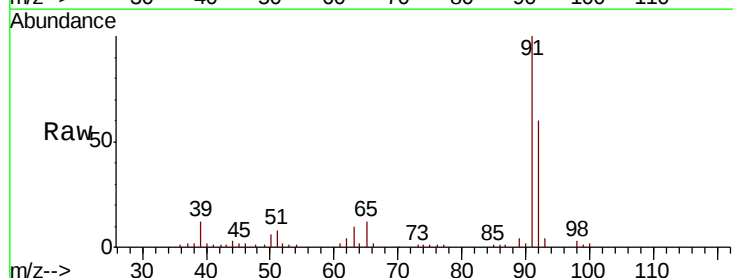


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0

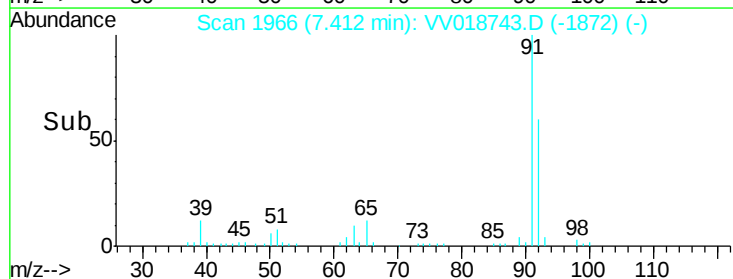
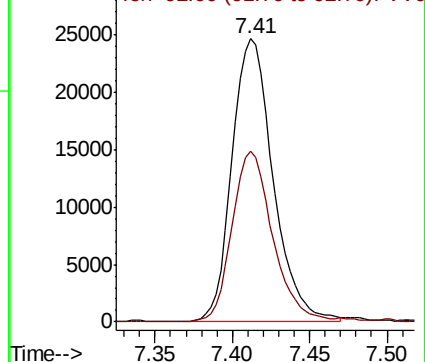


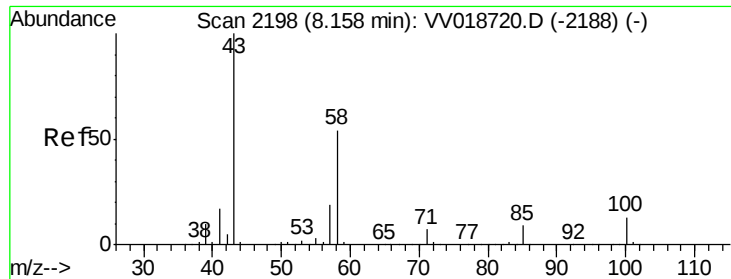
#42
 Toluene
 Concen: 4.880 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV018743.D
 Acq: 07 Oct 2020 21:22

Tgt Ion: 91 Resp: 45720
 Ion Ratio Lower Upper
 91 100
 92 60.3 41.6 77.3



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0

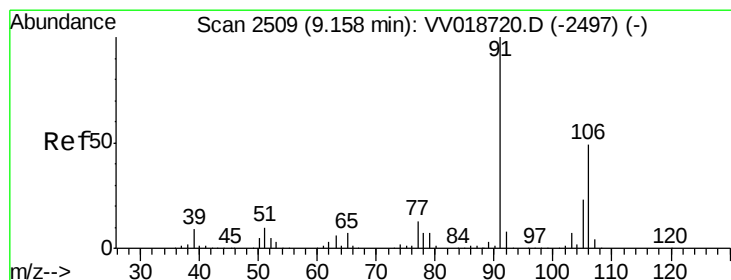
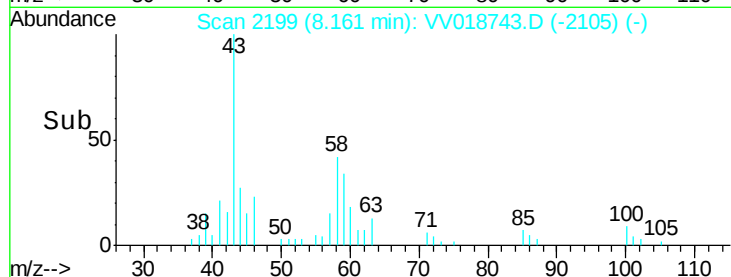
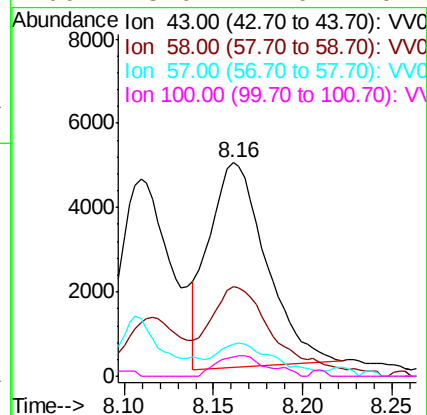
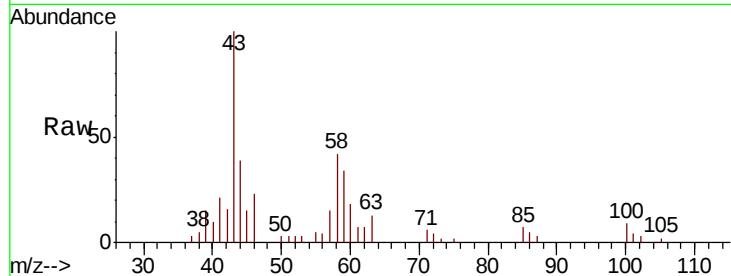




#48
2-Hexanone
Concen: 4.817 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018743.D
Acq: 07 Oct 2020 21:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10777
Ion Ratio Lower Upper
43 100
58 35.4 45.1 67.7#
57 5.3 15.7 23.5#
100 8.0 11.0 16.4#



#53
m,p-Xylene
Concen: 0.752 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV018743.D
Acq: 07 Oct 2020 21:22

Tgt Ion: 106 Resp: 3039
Ion Ratio Lower Upper
106 100
91 188.1 142.3 264.3

