

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015593.D
 Acq On : 21 Apr 2020 10:56
 Operator : SY/MD
 Sample : VV0421WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:13:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146083	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	137071	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	67507	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37909	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.57	69	35408	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.12	63	56466	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.94	46	111599	52.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.88%
24) Chloroform-d	4.38	84	80362	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	45852	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.07	84	156522	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.10	67	50265	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.34	98	146249	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.64	79	17010	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.11	63	89861	45.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34702	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	53926	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

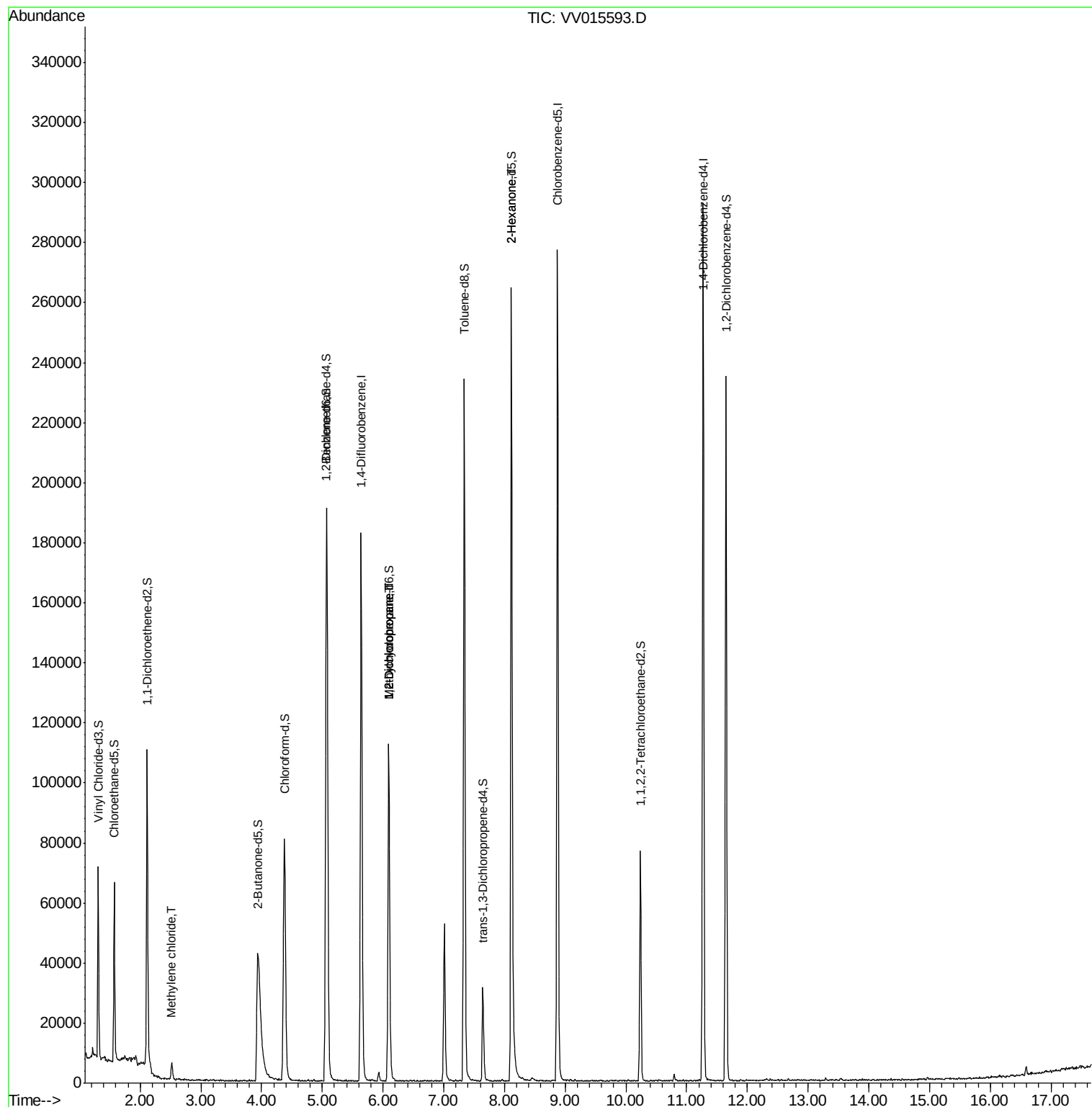
					Ovalue
16) Methylene chloride	2.52	84	1946	0.181 ug/L	98
35) Methylcyclohexane	6.09	83	12219	0.657 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6035	0.593 ug/L #	86
48) 2-Hexanone	8.11	43	12548	2.688 ug/L #	69

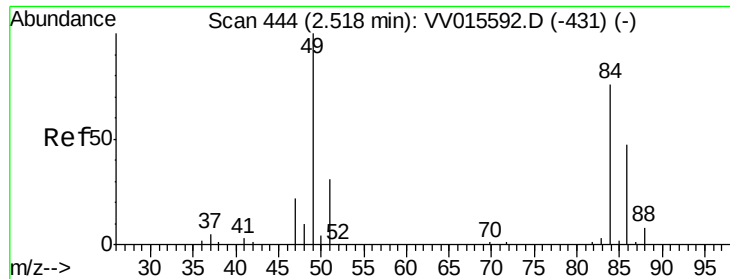
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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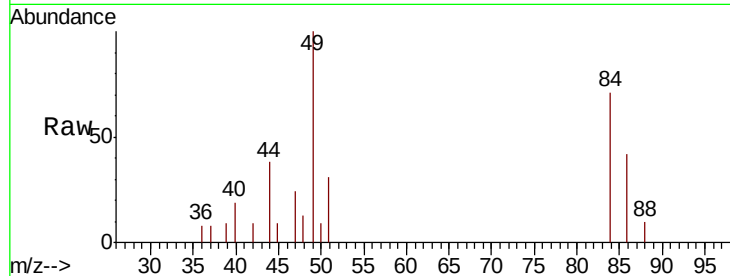




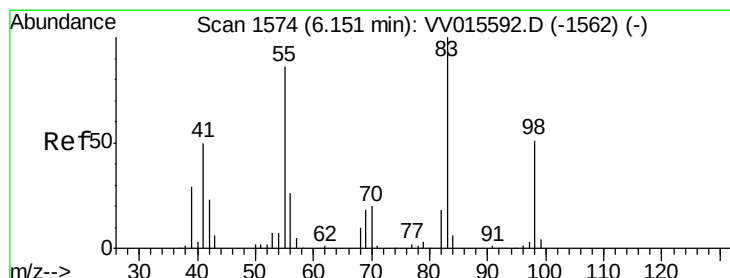
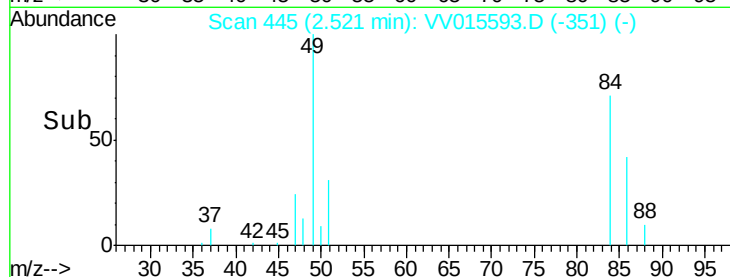
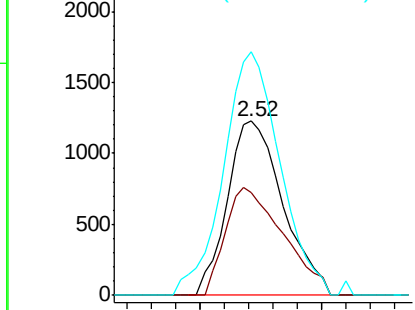
#16
Methylene chloride
Concen: 0.181 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015593.D
Acq: 21 Apr 2020 10:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 1946
Ion Ratio Lower Upper
84 100
86 58.9 45.1 83.7
49 139.9 97.9 181.7

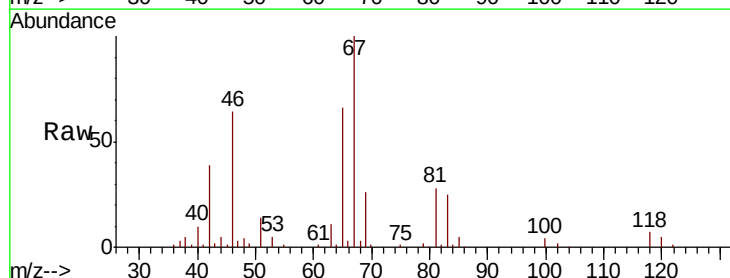


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

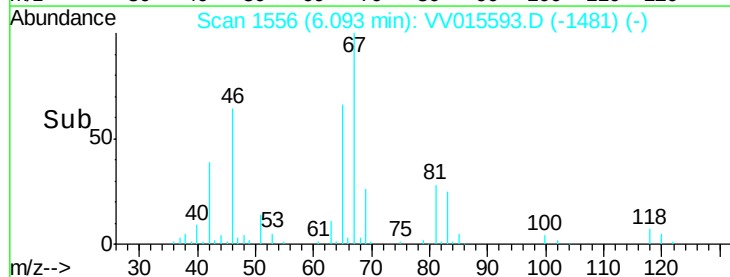
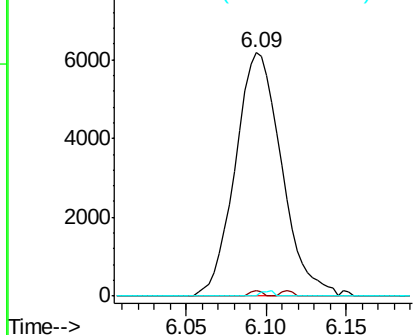


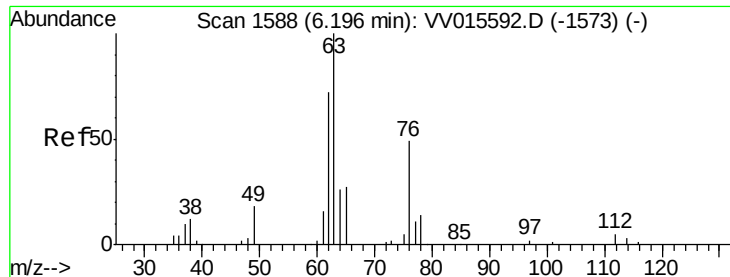
#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015593.D
Acq: 21 Apr 2020 10:56

Tgt Ion: 83 Resp: 12219
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.5 38.7 58.1#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

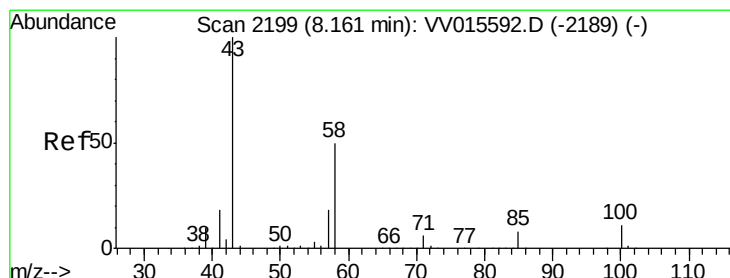
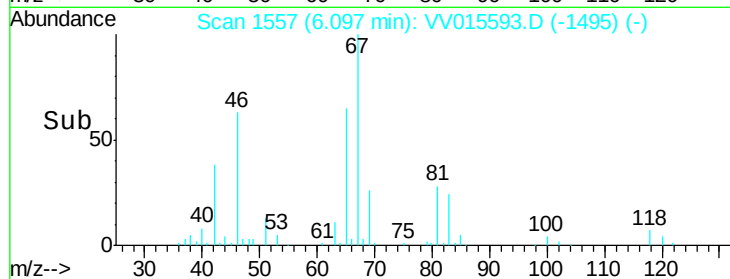
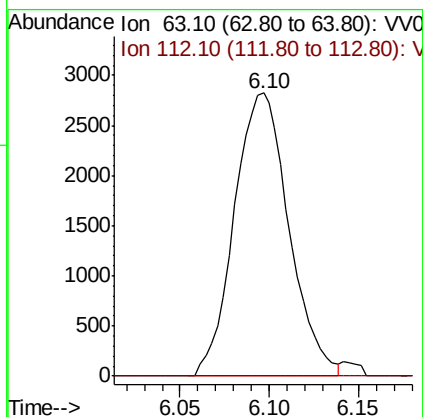
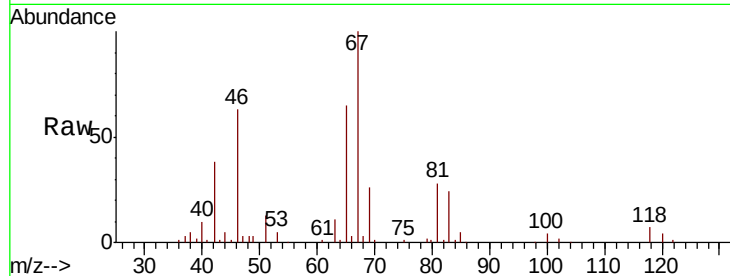




#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015593.D
 Acq: 21 Apr 2020 10:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 6035
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#48
 2-Hexanone
 Concen: 2.688 ug/L
 RT: 8.11 min Scan# 2184
 Delta R.T. -0.05 min
 Lab File: VV015593.D
 Acq: 21 Apr 2020 10:56

Tgt Ion: 43 Resp: 12548
 Ion Ratio Lower Upper
 43 100
 58 23.6 41.4 62.0#
 57 22.4 15.0 22.4#
 100 0.0 9.4 14.2#

