

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050520\
 Data File : VV015899.D
 Acq On : 05 May 2020 14:12
 Operator : SY/MD
 Sample : VV0505WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 06 01:59:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 17:59:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163369	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	74811	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48715	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	42125	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.12	63	72342	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.95	46	126061	48.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.78%
24) Chloroform-d	4.38	84	91526	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	56980	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.07	84	193992	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.10	67	59428	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	178644	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.65	79	22143	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.12	63	99602	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	40956	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	64680	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

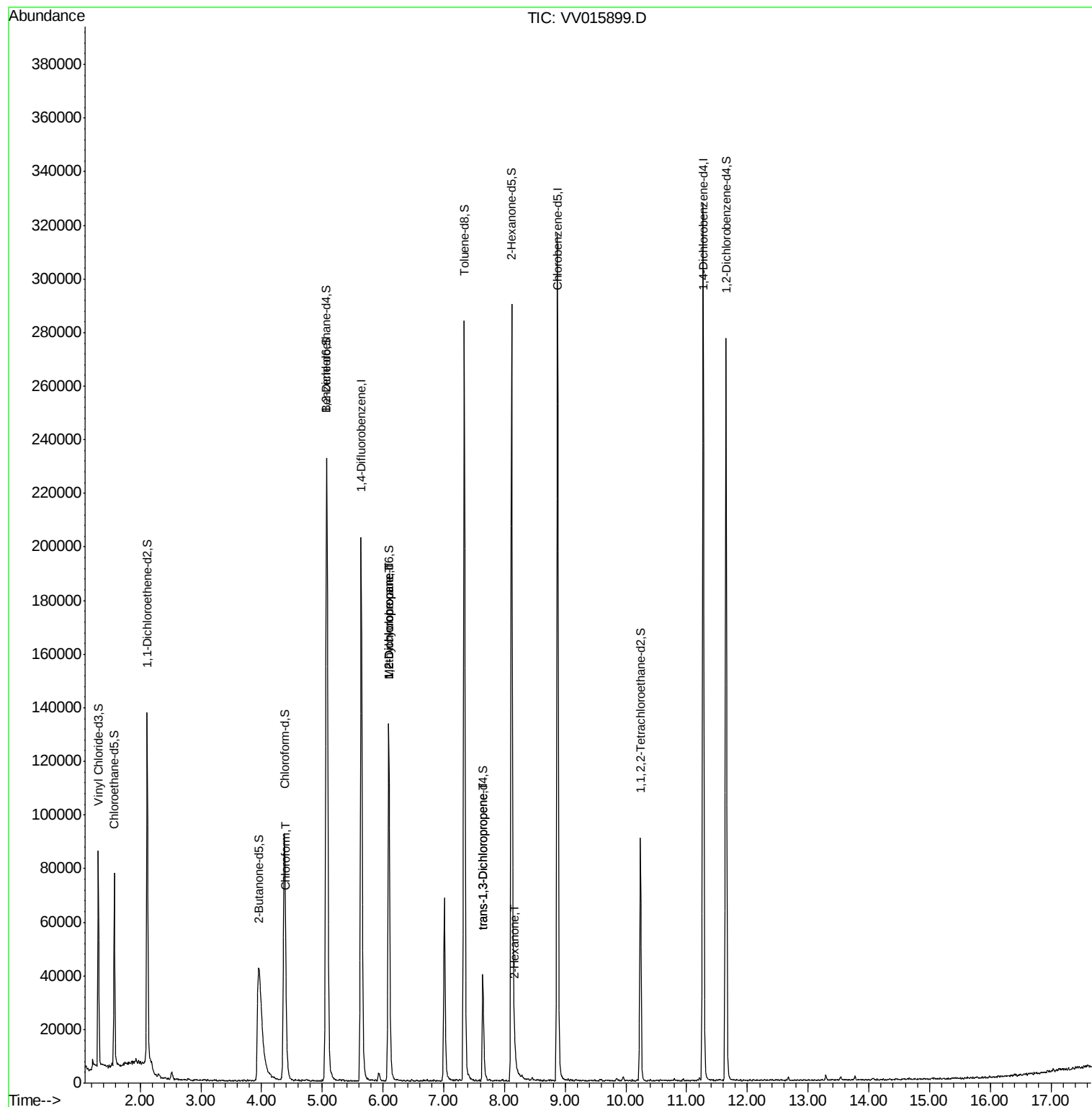
					Ovalue
25) Chloroform	4.41	83	9306	0.435 ug/L	96
35) Methylcyclohexane	6.10	83	14684	0.805 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	7683	0.750 ug/L #	87
44) trans-1,3-Dichloropropene	7.65	75	1325	0.109 ug/L	98
48) 2-Hexanone	8.17	43	4172	0.914 ug/L #	43

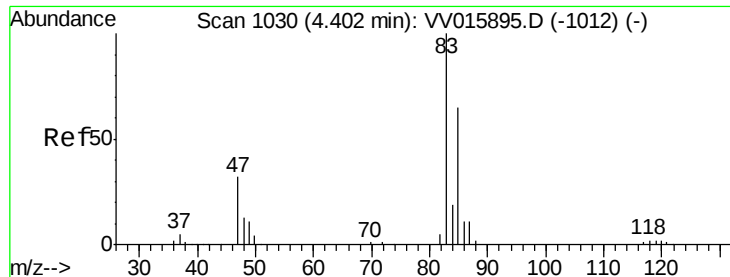
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.435 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015899.D

Acq: 05 May 2020 14:12

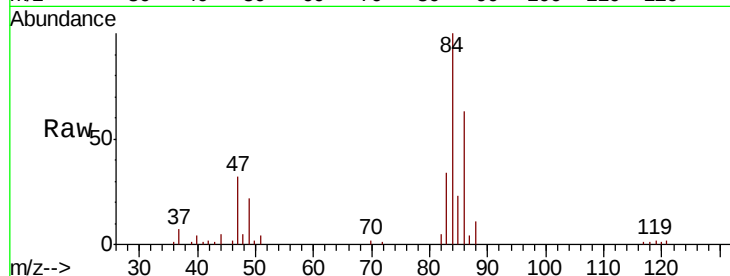
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 9306

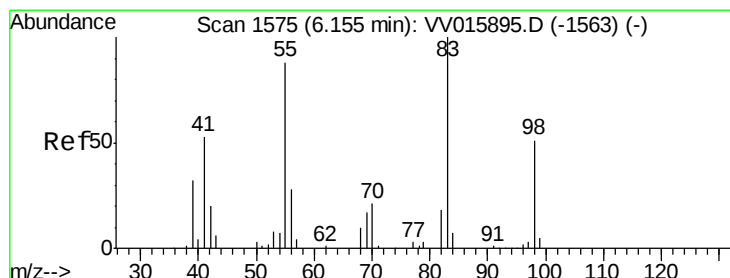
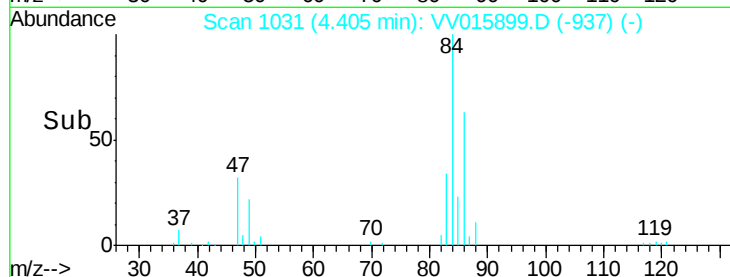
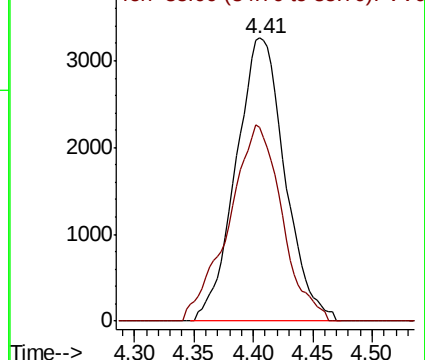
Ion Ratio Lower Upper

83 100

85 68.6 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.805 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015899.D

Acq: 05 May 2020 14:12

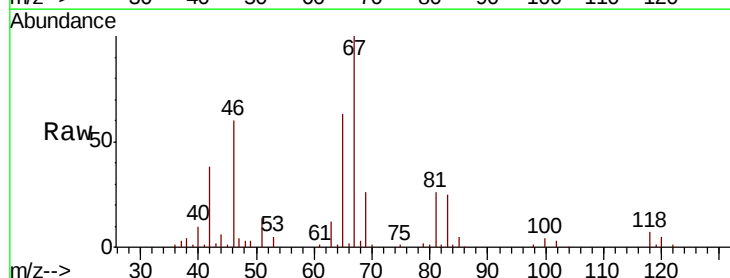
Tgt Ion: 83 Resp: 14684

Ion Ratio Lower Upper

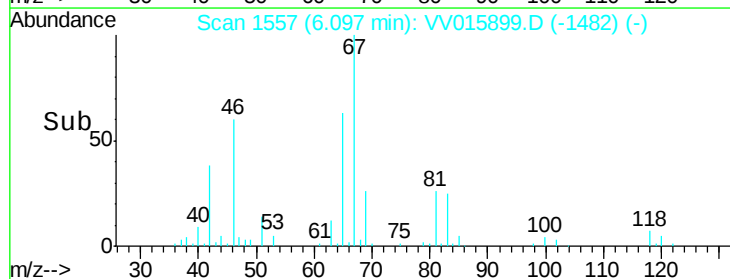
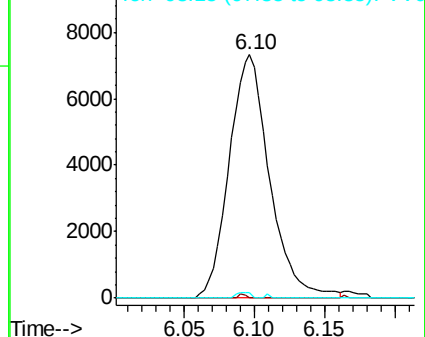
83 100

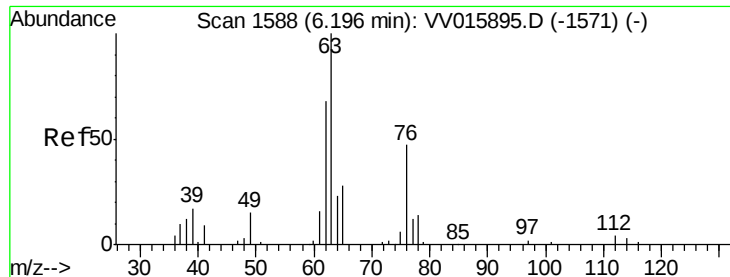
55 0.3 66.2 99.2#

98 0.8 37.9 56.9#



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: 0.750 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015899.D

Acq: 05 May 2020 14:12

Instrument :

MSVOA_V

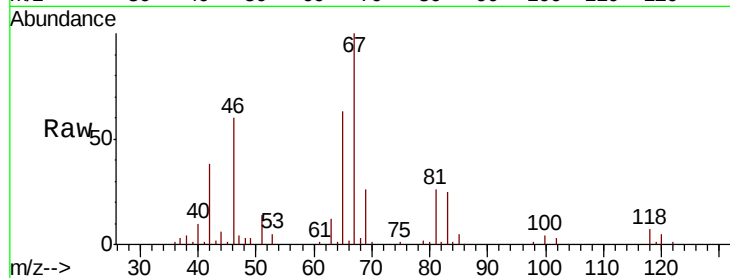
ClientSampleId :

Tot Ion: 63 Resp: 7683

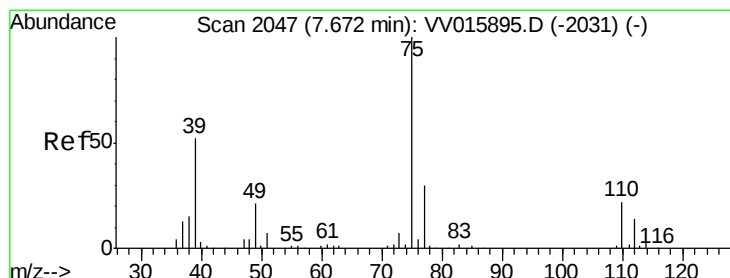
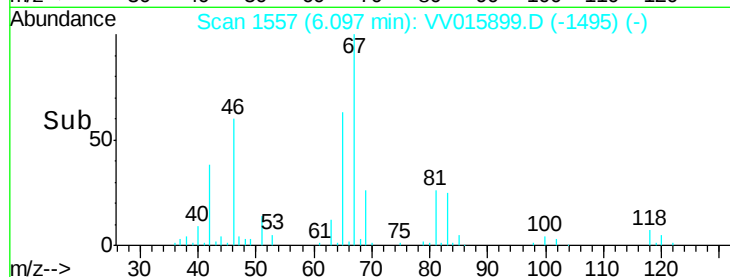
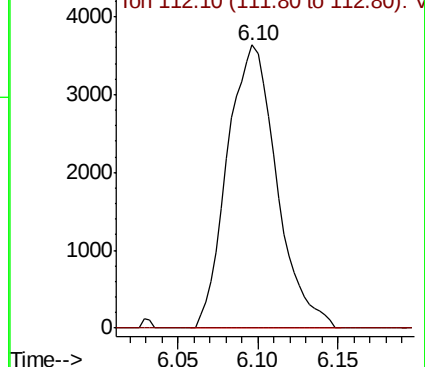
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV015899.D (-1495) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015899.D

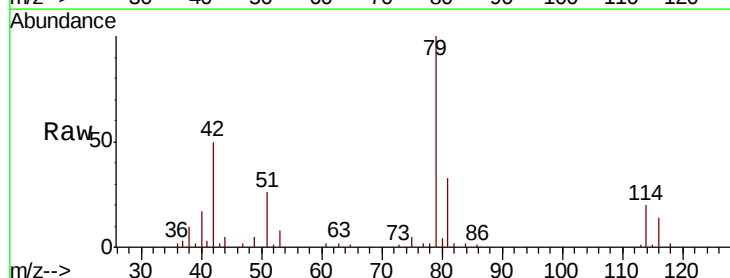
Acq: 05 May 2020 14:12

Tgt Ion: 75 Resp: 1325

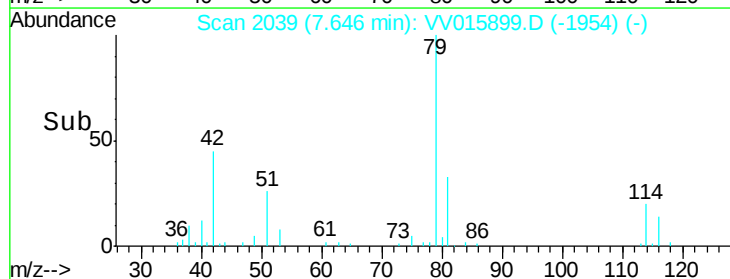
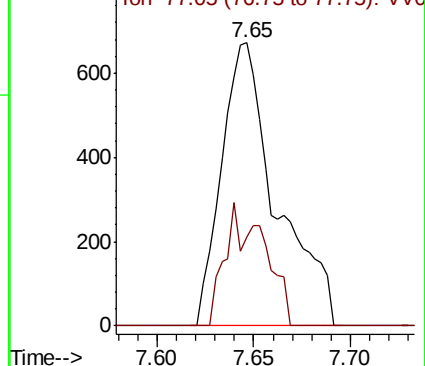
Ion Ratio Lower Upper

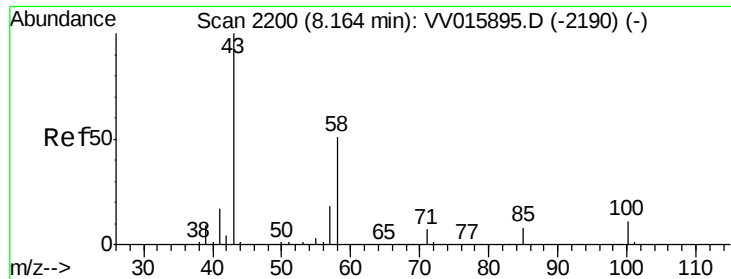
75 100

77 31.4 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV015899.D (-1954) (-)





#48
 2-Hexanone
 Concen: 0.914 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015899.D
 Acq: 05 May 2020 14:12

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	4172
Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.8	61.2#
57	0.0	14.7	22.1#
100	7.4	9.0	13.6#

