

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017411.D
 Acq On : 09 Jul 2020 20:18
 Operator : SY/MD
 Sample : L3253-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A19

Quant Time: Jul 10 04:04:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 04:00:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	267323	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	252852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119376	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56799	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.62%
7) Chloroethane-d5	1.58	69	41726	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.36%
11) 1,1-Dichloroethene-d2	2.12	63	97701	31.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.02%
21) 2-Butanone-d5	3.91	46	83479	87.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.82%
24) Chloroform-d	4.38	84	141897	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	5.06	65	101691	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
32) Benzene-d6	5.08	84	247721	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
36) 1,2-Dichloropropane-d6	6.09	67	73555	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.52%
41) Toluene-d8	7.34	98	226688	43.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.34%
43) trans-1,3-Dichloropropene-	7.64	79	40199	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.82%
47) 2-Hexanone-d5	8.11	63	56832	88.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96229	43.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	99196	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

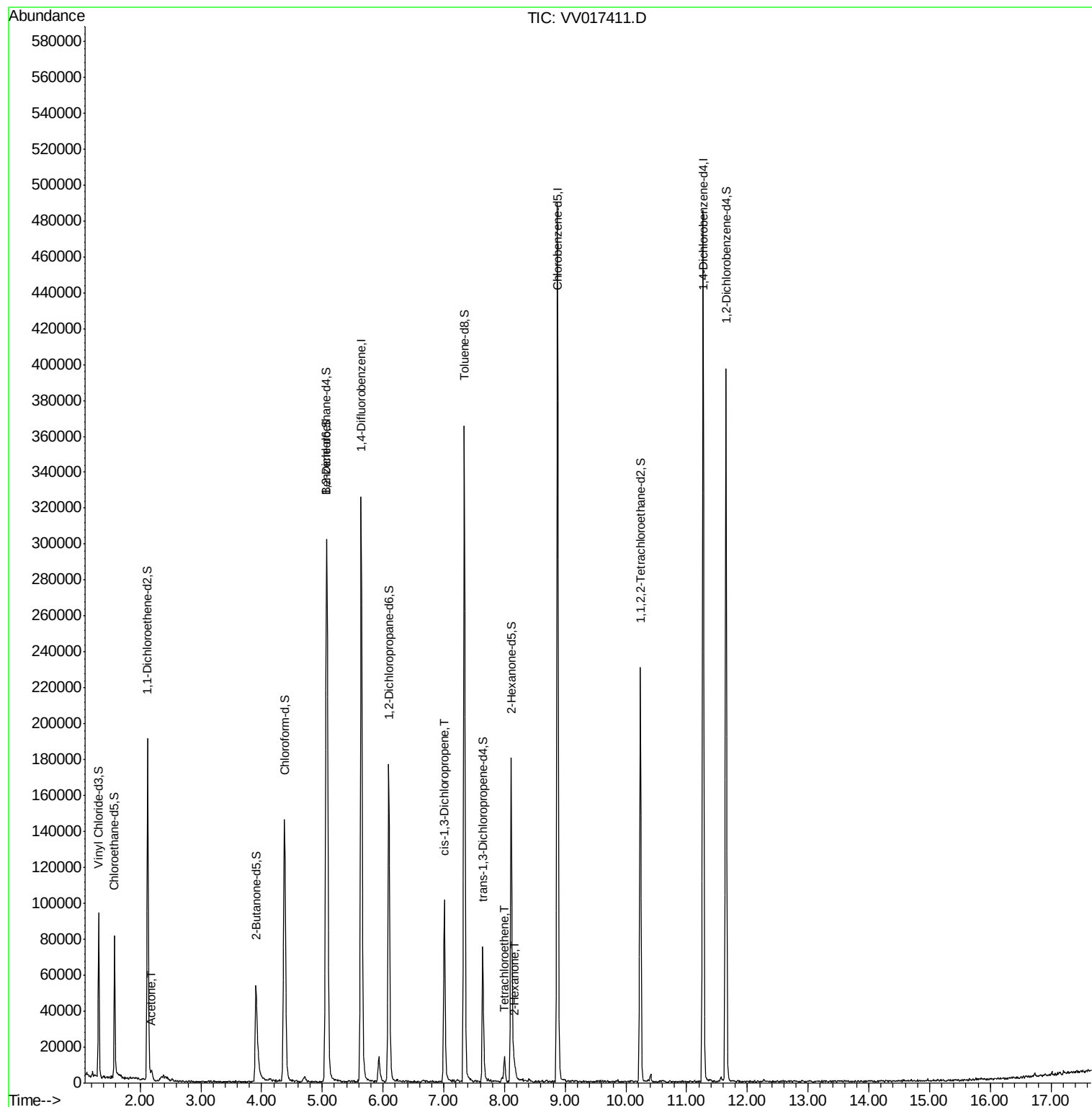
					Ovalue
13) Acetone	2.19	43	5916	4.572 ug/L	81
39) cis-1,3-Dichloropropene	7.01	75	3197	1.148 ug/L	93
46) Tetrachloroethene	8.00	164	3082	1.850 ug/L	93
48) 2-Hexanone	8.17	43	4547	2.485 ug/L #	54

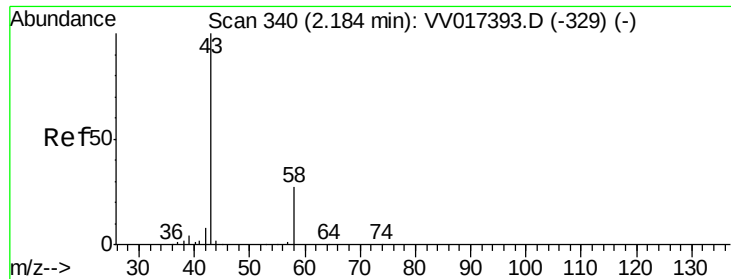
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.572 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017411.D

Acq: 09 Jul 2020 20:18

Instrument :

MSVOA_V

ClientSampled :

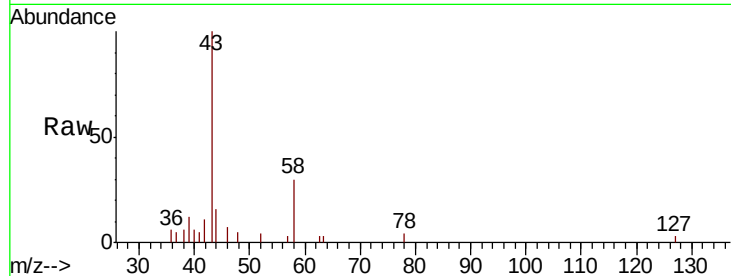
F4A19

Tot Ion: 43 Resp: 5916

Ion Ratio Lower Upper

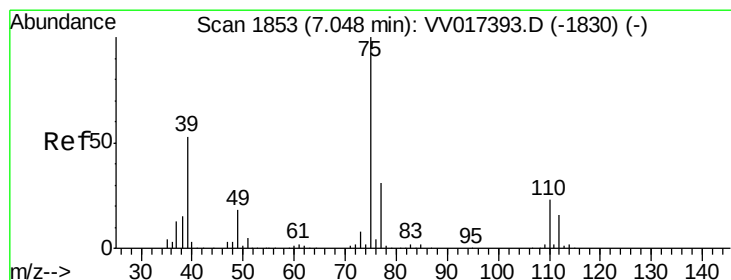
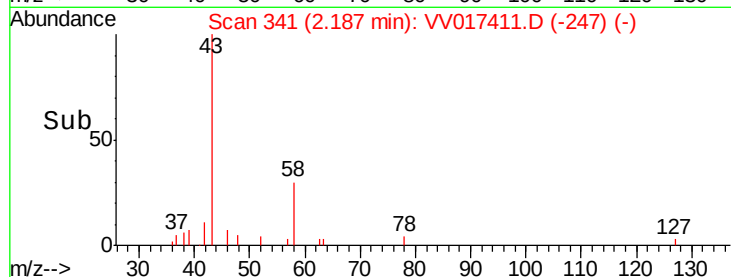
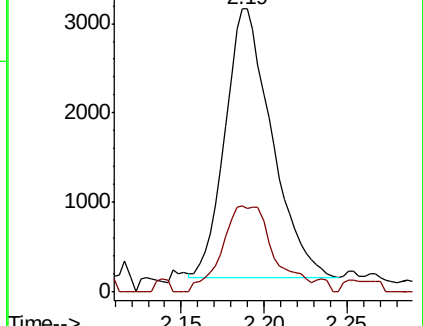
43 100

58 18.2 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV017393.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017393.D (-329) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.148 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017411.D

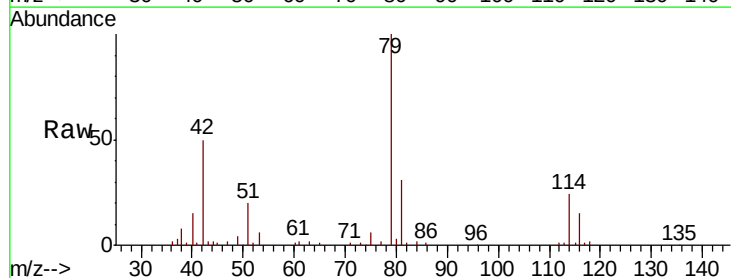
Acq: 09 Jul 2020 20:18

Tgt Ion: 75 Resp: 3197

Ion Ratio Lower Upper

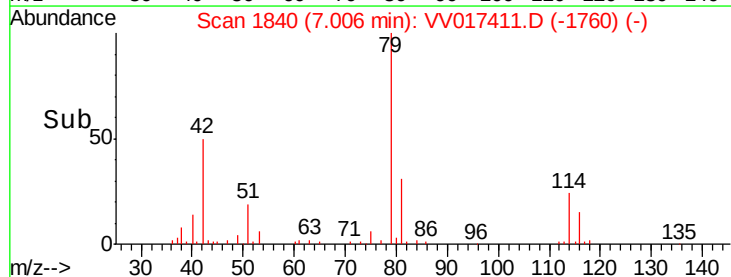
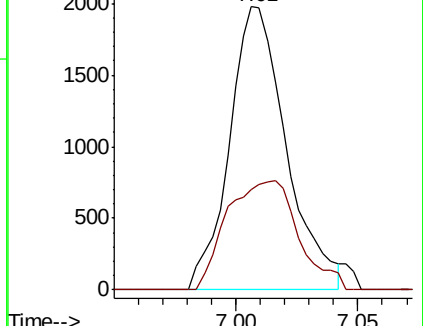
75 100

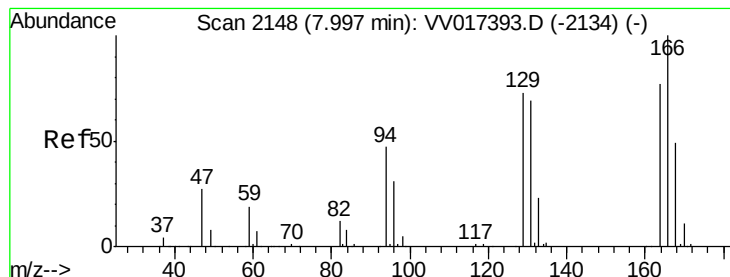
77 35.6 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV017393.D (-1830) (-)

Ion 77.00 (76.70 to 77.70): VV017393.D (-1830) (-)





#46

Tetrachloroethene

Concen: 1.850 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017411.D

Acq: 09 Jul 2020 20:18

Instrument :

MSVOA_V

ClientSampleId :

F4A19

Tot Ion:164 Resp: 3082

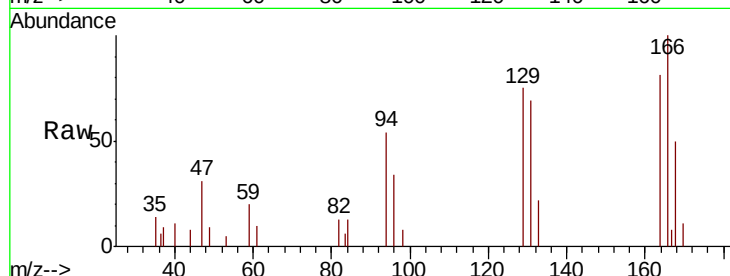
Ion Ratio Lower Upper

164 100

129 92.6 66.6 123.8

131 85.7 65.5 121.7

166 123.9 93.9 174.5



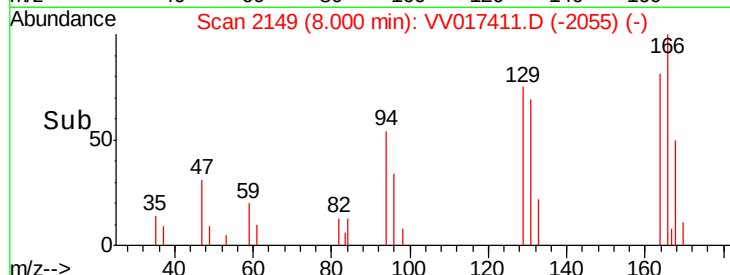
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

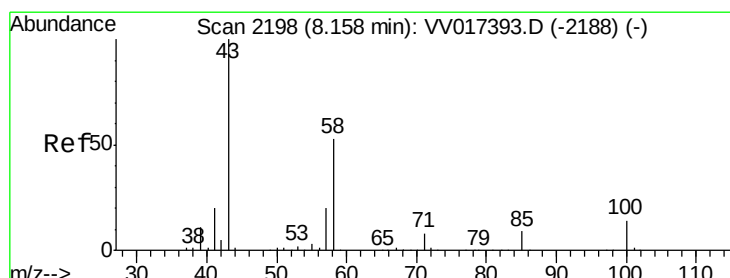
Ion 166.00 (165.70 to 166.70): V

Time-->



Abundance

Time-->



#48

2-Hexanone

Concen: 2.485 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017411.D

Acq: 09 Jul 2020 20:18

Tgt Ion: 43 Resp: 4547

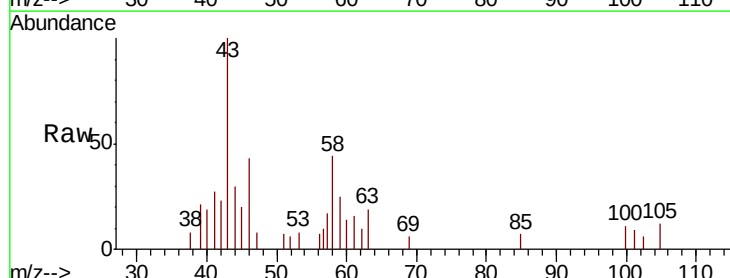
Ion Ratio Lower Upper

43 100

58 11.6 42.6 64.0#

57 4.9 16.2 24.4#

100 7.0 10.9 16.3#



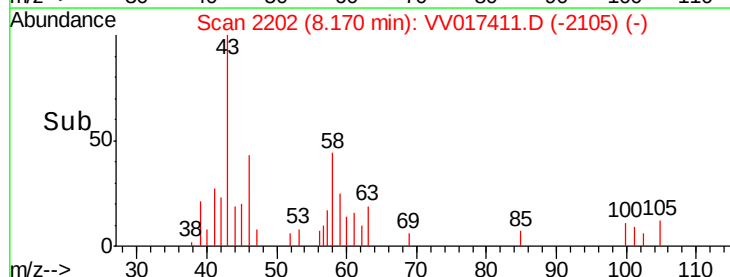
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

Time-->



Abundance

Time-->