

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008793.D
 Acq On : 30 Nov 2018 04:03
 Operator : SY/MD
 Sample : J6136-06
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR5

Quant Time: Nov 30 07:32:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	136539	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	127879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54335	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43482	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.59	69	29978	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.14	63	60122	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	105336	49.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.58%
24) Chloroform-d	4.41	84	86011	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	44038	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	185590	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	54056	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	164977	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.67	79	16847	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	76154	46.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33467	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	57995	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

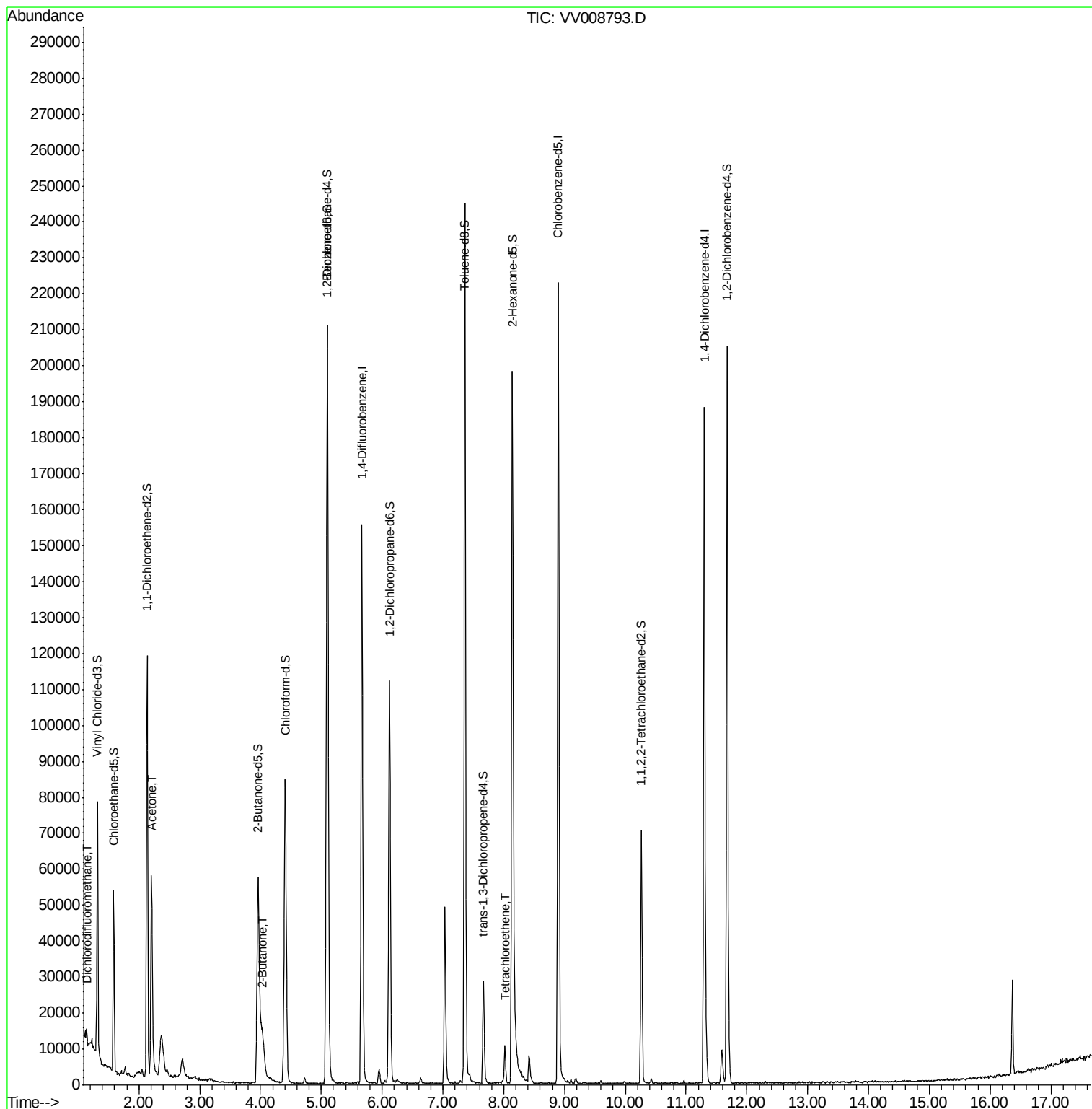
					Qvalue
2) Dichlorodifluoromethane	1.14	85	2158	0.179 ug/L	95
13) Acetone	2.21	43	71519	67.827 ug/L	98
21) 2-Butanone	4.04	43	7019	3.321 ug/L	95
47) Tetrachloroethene	8.02	164	2302	0.279 ug/L	94

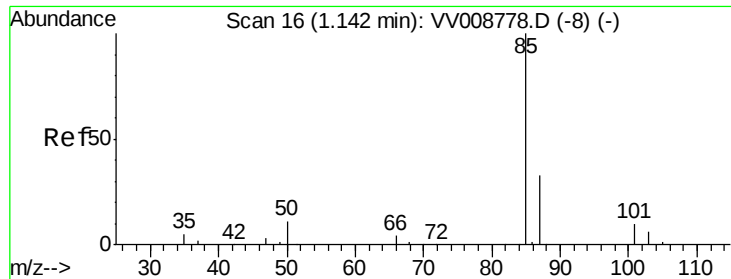
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.179 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008793.D

Acq: 30 Nov 2018 04:03

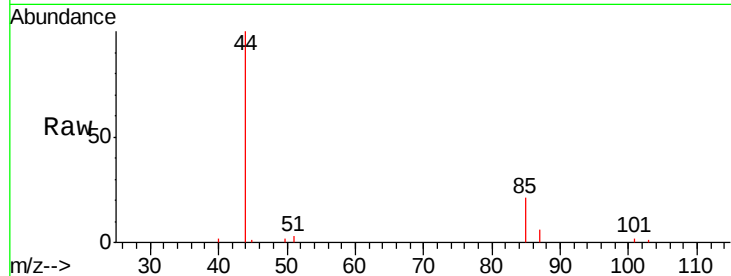
Instrument :
MSVOA_V
ClientSampled :
YALR5

Tgt Ion: 85 Resp: 2158

Ion Ratio Lower Upper

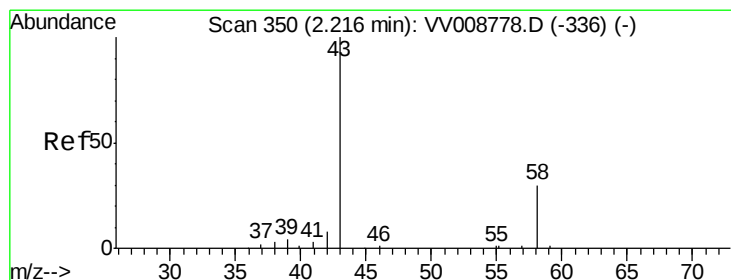
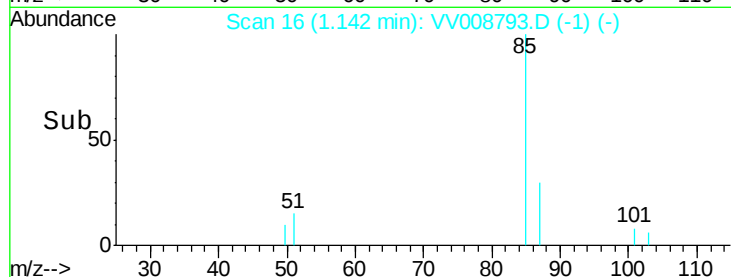
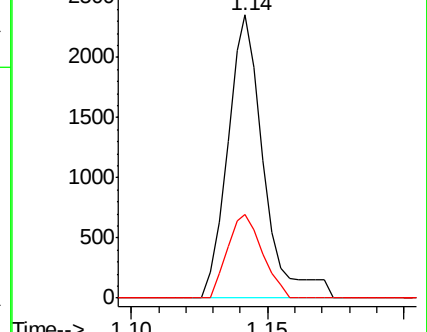
85 100

87 28.9 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 67.827 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV008793.D

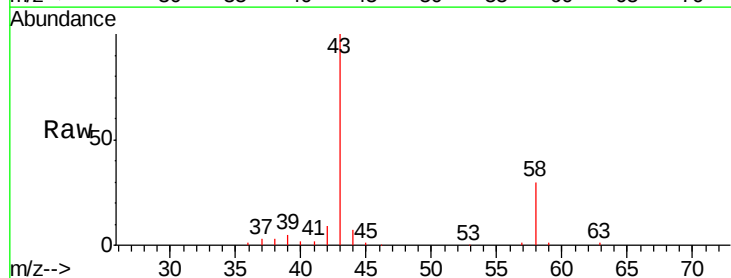
Acq: 30 Nov 2018 04:03

Tgt Ion: 43 Resp: 71519

Ion Ratio Lower Upper

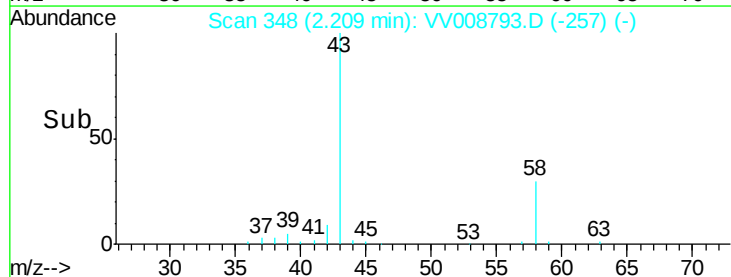
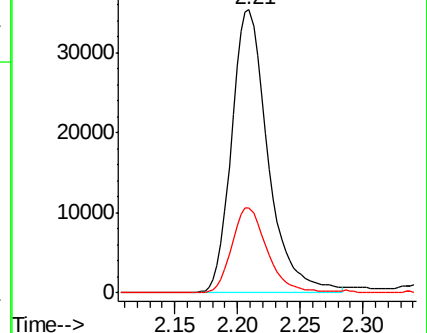
43 100

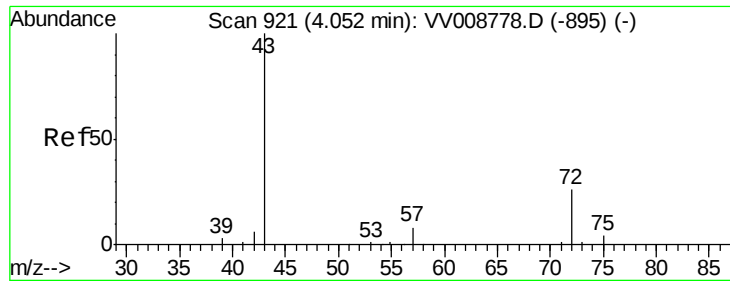
58 29.0 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 3.321 ug/L

RT: 4.04 min Scan# 918

Delta R.T. -0.01 min

Lab File: VV008793.D

Acq: 30 Nov 2018 04:03

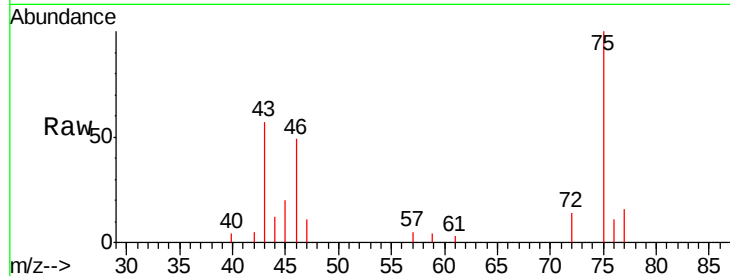
Instrument :
MSVOA_V
ClientSampled :
YALR5

Tgt Ion: 43 Resp: 7019

Ion Ratio Lower Upper

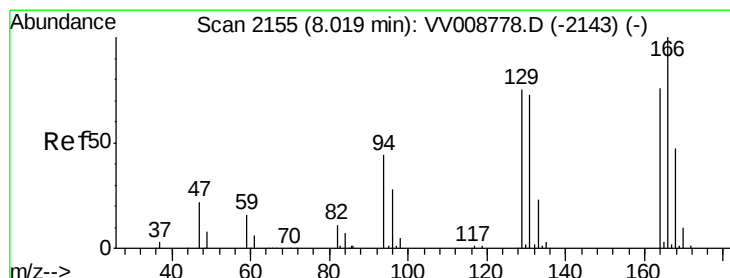
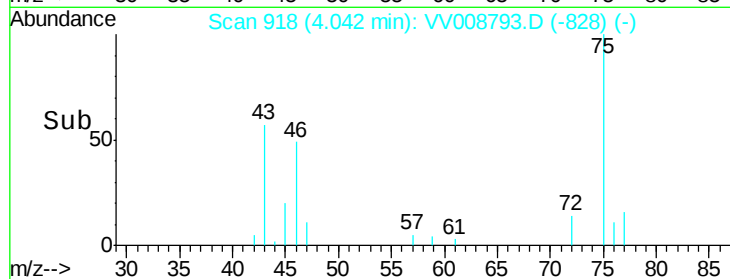
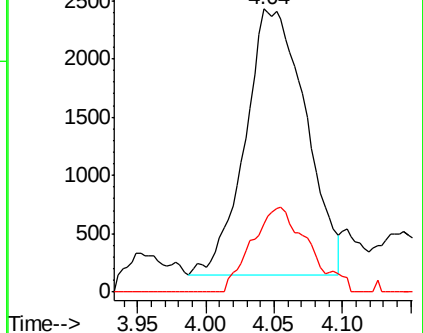
43 100

72 29.9 13.6 40.8



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-895) (-)

Ion 72.10 (71.80 to 72.80): VV008778.D (-895) (-)



#47

Tetrachloroethene

Concen: 0.279 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008793.D

Acq: 30 Nov 2018 04:03

Tgt Ion:164 Resp: 2302

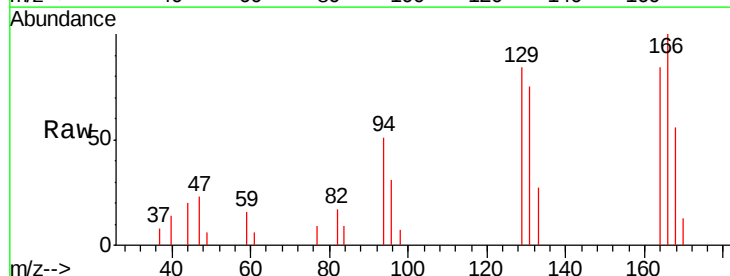
Ion Ratio Lower Upper

164 100

129 99.4 67.5 125.3

131 88.3 65.9 122.5

166 118.4 89.2 165.6



Abundance Ion 163.90 (163.60 to 164.60): VV008778.D (-2143) (-)

Ion 128.95 (128.65 to 129.65): VV008778.D (-2143) (-)

Ion 130.95 (130.65 to 131.65): VV008778.D (-2143) (-)

Ion 165.90 (165.60 to 166.60): VV008778.D (-2143) (-)

