

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015180.D
 Acq On : 26 Mar 2020 21:24
 Operator : SY/MD
 Sample : L2045-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 03:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	648465	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	599201	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	261597	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	159139	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.48%
7) Chloroethane-d5	1.58	69	149808	42.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.42%
11) 1,1-Dichloroethene-d2	2.12	63	245543	30.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.90%
21) 2-Butanone-d5	3.94	46	248761	71.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.81%
24) Chloroform-d	4.38	84	287630	37.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.44%
26) 1,2-Dichloroethane-d4	5.06	65	190455	37.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.68%
32) Benzene-d6	5.08	84	556429	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
36) 1,2-Dichloropropane-d6	6.10	67	184212	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.88%
41) Toluene-d8	7.34	98	512117	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%
43) trans-1,3-Dichloropropene-	7.64	79	94616	39.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.14%
47) 2-Hexanone-d5	8.11	63	200072	76.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	274420	36.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	191372	39.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.36%#

Target Compounds

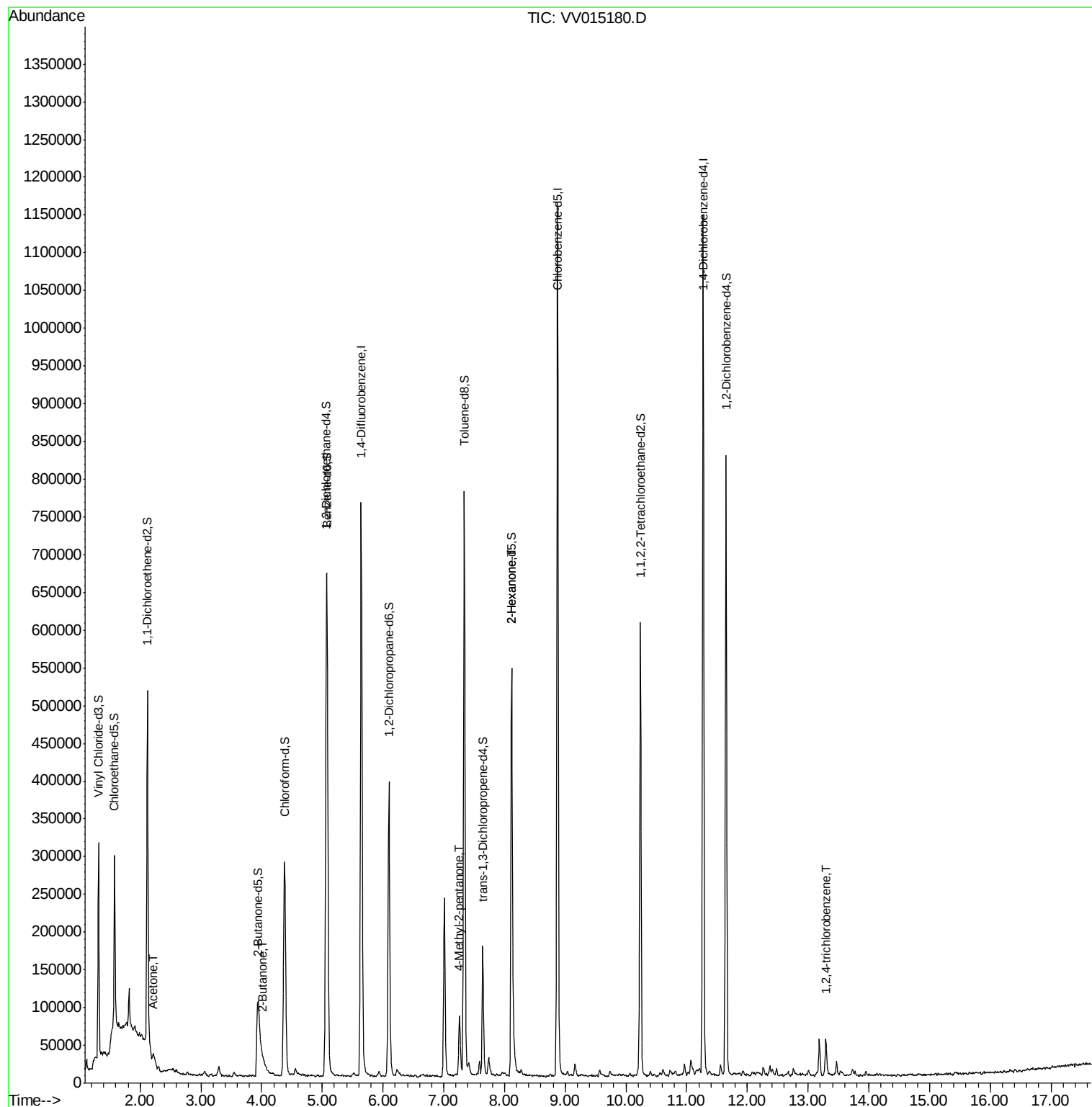
					Ovalue
13) Acetone	2.22	43	39953	16.676 ug/L #	93
22) 2-Butanone	4.02	43	5870	1.557 ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	57374	8.342 ug/L	99
48) 2-Hexanone	8.12	43	22756	4.190 ug/L #	84
68) 1,2,4-trichlorobenzene	13.29	180	3543	0.662 ug/L #	84

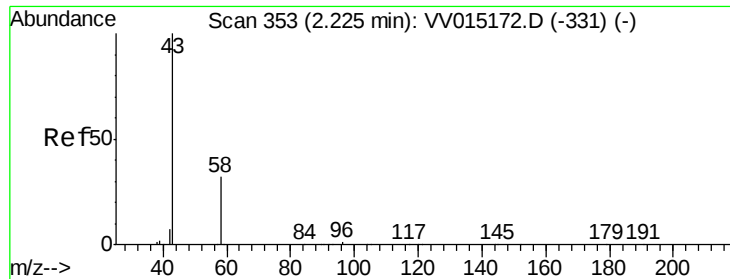
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 16.676 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV015180.D

Acq: 26 Mar 2020 21:24

Instrument :

MSVOA_V

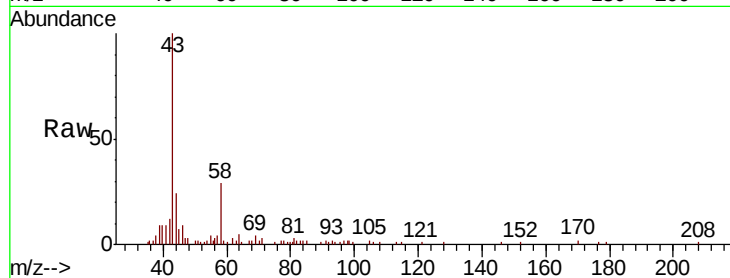
ClientSampleId :

Tot Ion: 43 Resp: 39953

Ion Ratio Lower Upper

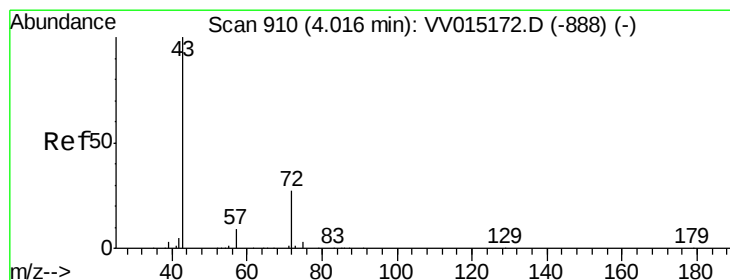
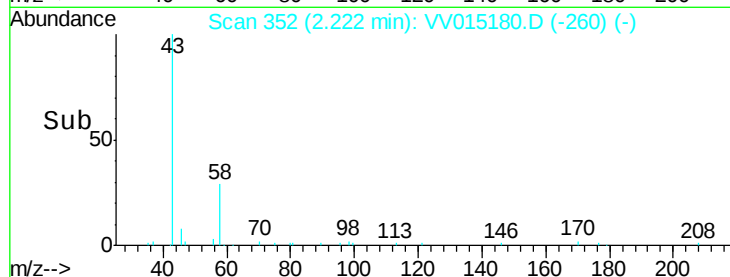
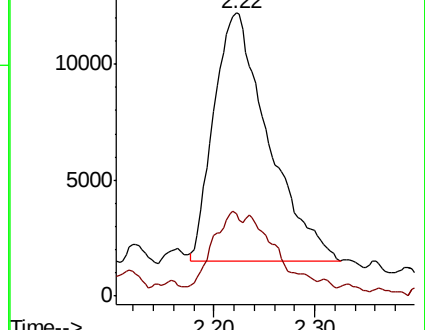
43 100

58 15.7 0.0 0.2#



Abundance Ion 43.00 (42.70 to 43.70): VV015180.D (-260) (-)

Ion 58.00 (57.70 to 58.70): VV015180.D (-260) (-)



#22

2-Butanone

Concen: 1.557 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.01 min

Lab File: VV015180.D

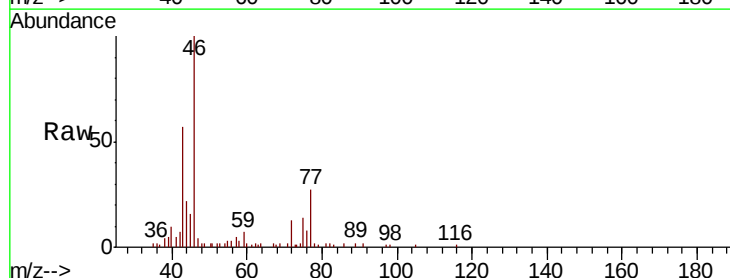
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 5870

Ion Ratio Lower Upper

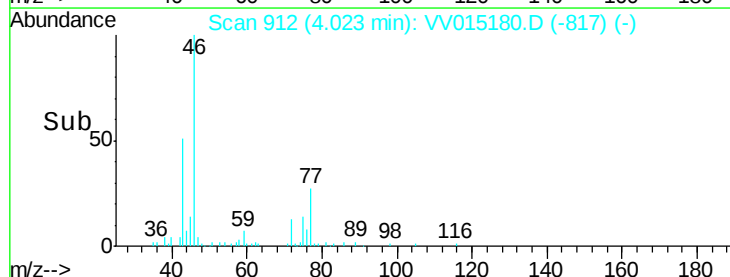
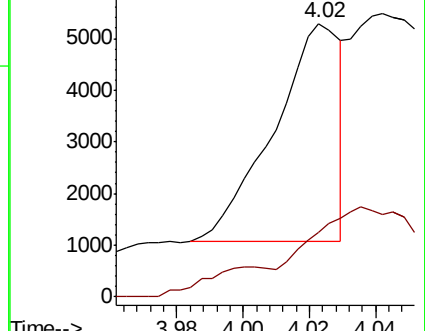
43 100

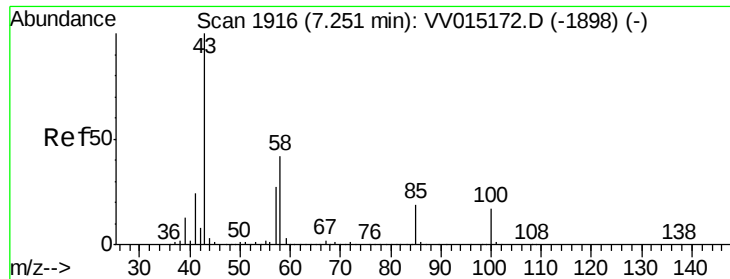
72 27.0 13.0 38.9



Abundance Ion 43.00 (42.70 to 43.70): VV015180.D (-817) (-)

Ion 72.00 (71.70 to 72.70): VV015180.D (-817) (-)

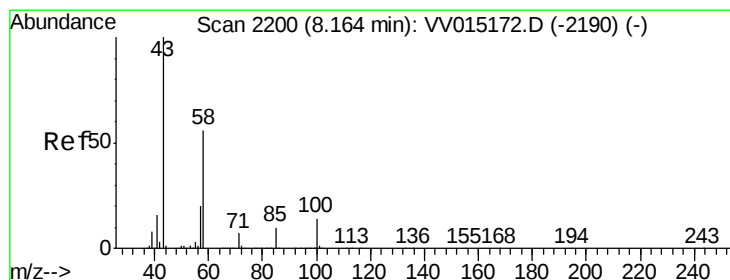
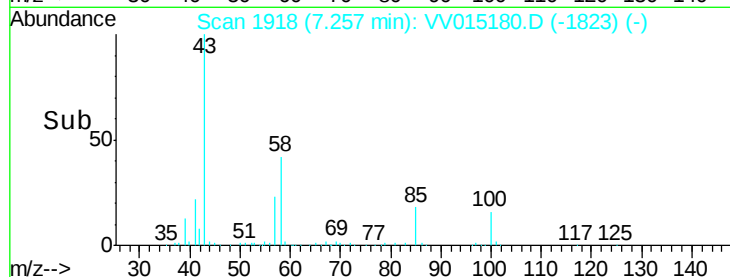
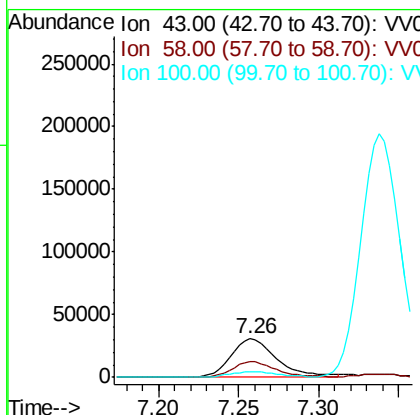
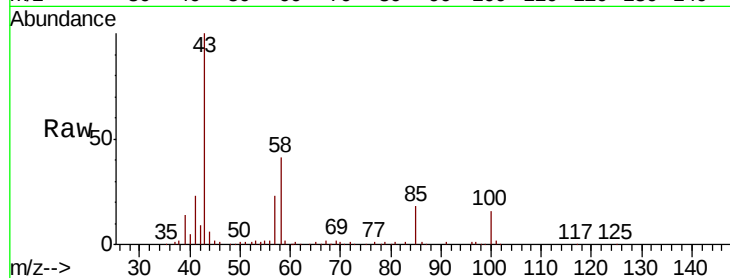




#40
4-Methyl-2-pentanone
Concen: 8.342 ug/L
RT: 7.26 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VV015180.D
Acq: 26 Mar 2020 21:24

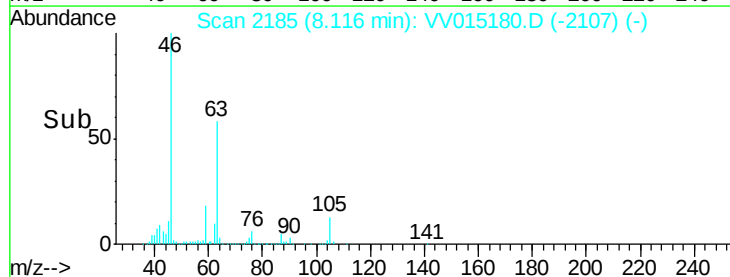
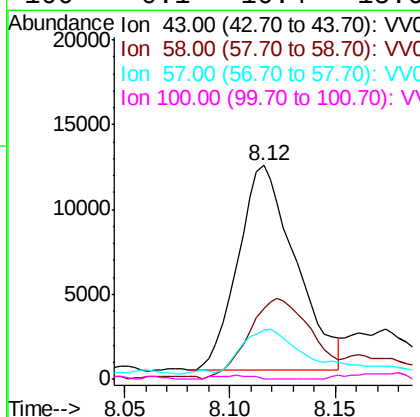
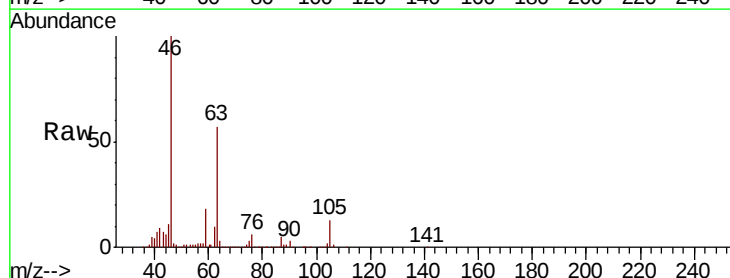
Instrument :
MSVOA_V
ClientSampled :

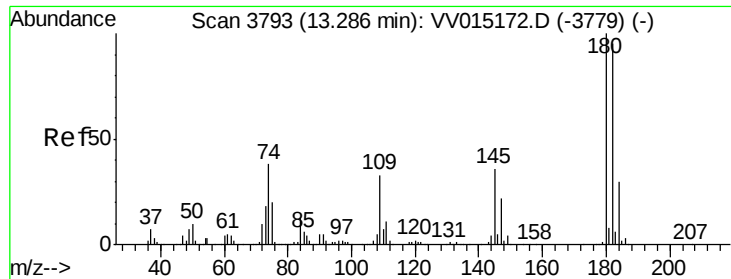
Tot Ion: 43 Resp: 57374
Ion Ratio Lower Upper
43 100
58 41.3 32.5 48.7
100 16.5 13.4 20.2



#48
2-Hexanone
Concen: 4.190 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015180.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 22756
Ion Ratio Lower Upper
43 100
58 43.1 44.3 66.5#
57 20.1 15.4 23.0
100 0.1 10.4 15.6#





#68
 1,2,4-trichlorobenzene
 Concen: 0.662 ug/L
 RT: 13.29 min Scan# 3795
 Delta R.T. 0.01 min
 Lab File: VV015180.D
 Acq: 26 Mar 2020 21:24

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	73.9	75.2	112.8#
145	33.6	27.5	41.3

