

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014015.D
 Acq On : 11 Dec 2019 16:16
 Operator : SY/MD
 Sample : K6200-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:04:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 03:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	595732	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	517787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187798	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	150793	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.54%
7) Chloroethane-d5	1.57	69	163059	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.68%
11) 1,1-Dichloroethene-d2	2.12	63	239712	31.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.92%
21) 2-Butanone-d5	3.92	46	252705	104.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.20%
24) Chloroform-d	4.39	84	361737	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
26) 1,2-Dichloroethane-d4	5.08	65	230142	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
32) Benzene-d6	5.09	84	728653	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.62%
36) 1,2-Dichloropropane-d6	6.11	67	233347	57.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.88%
41) Toluene-d8	7.36	98	581102	47.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.02%
43) trans-1,3-Dichloropropene-	7.66	79	86533	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
47) 2-Hexanone-d5	8.13	63	121886	81.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.05%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	244319	41.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	197741	53.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.22%

Target Compounds

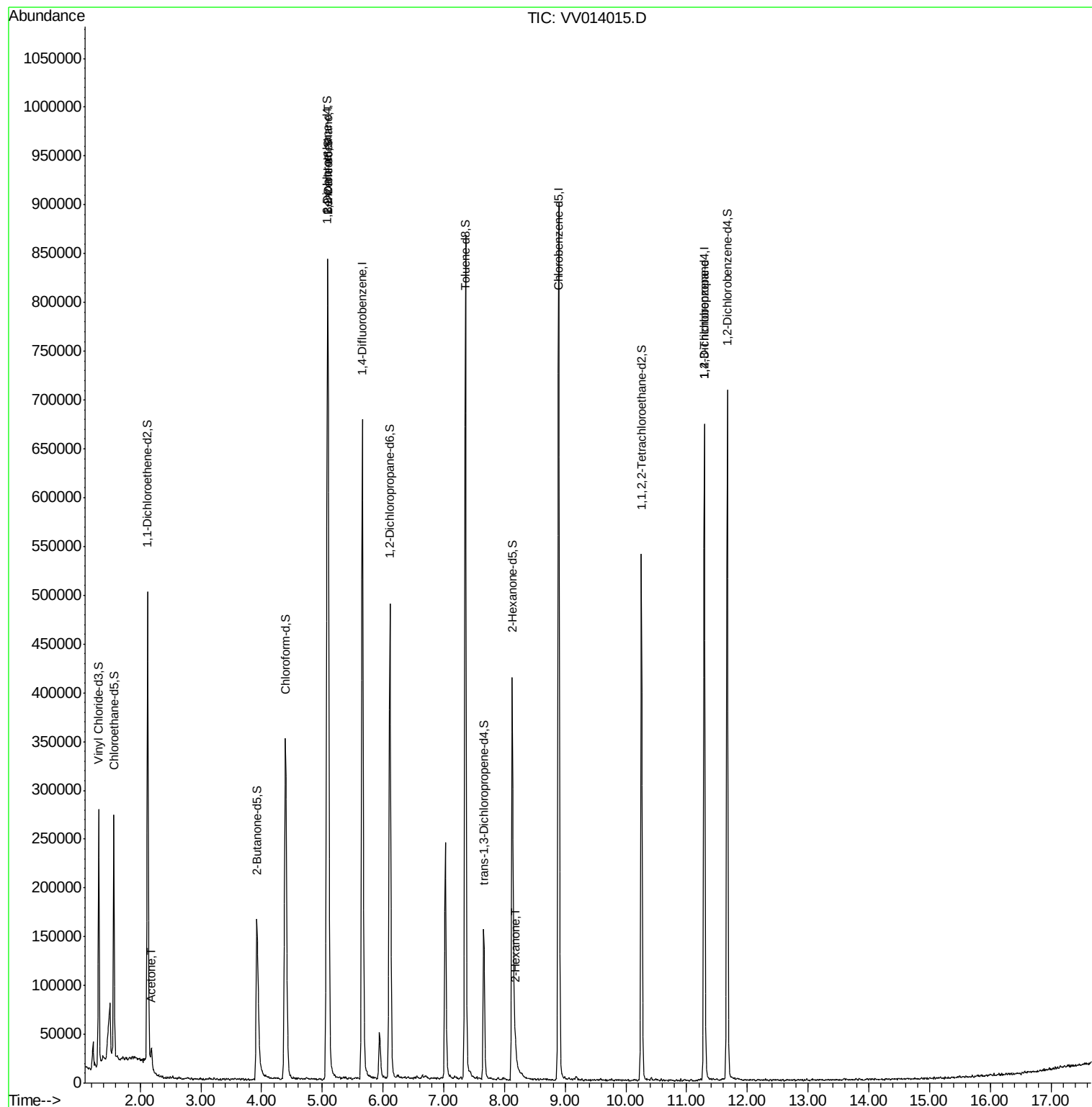
					Ovalue
13) Acetone	2.19	43	9417	2.650 ug/L	87
27) 1,2-Dichloroethane	5.09	62	4237	0.721 ug/L	96
48) 2-Hexanone	8.18	43	12762	3.287 ug/L #	36
59) 1,2,3-Trichloropropane	11.29	75	18403	3.644 ug/L	92

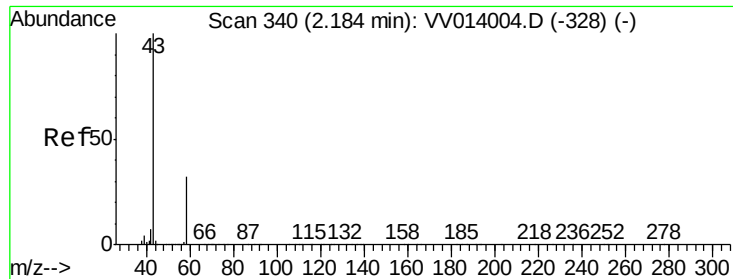
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.650 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014015.D

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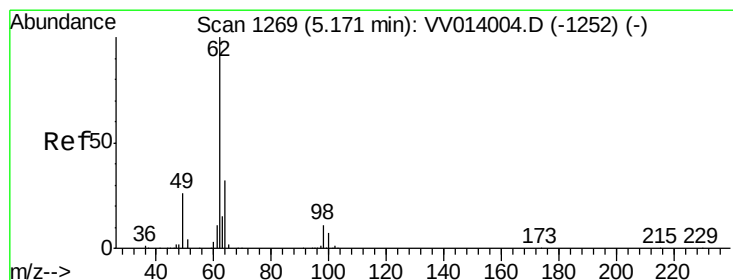
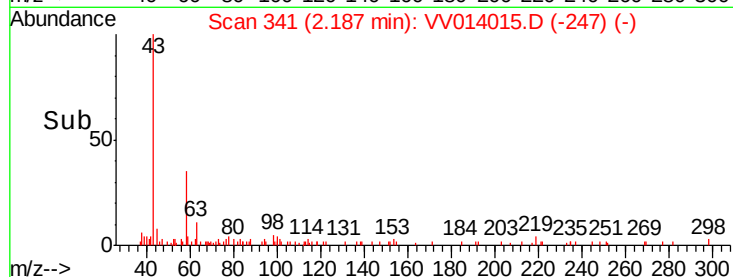
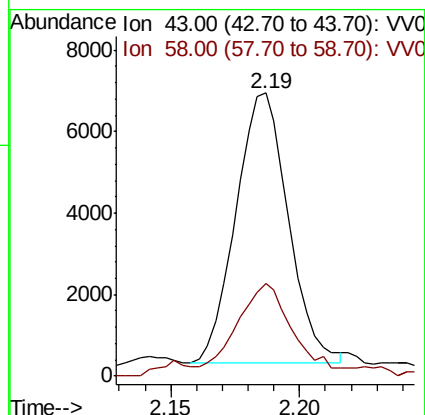
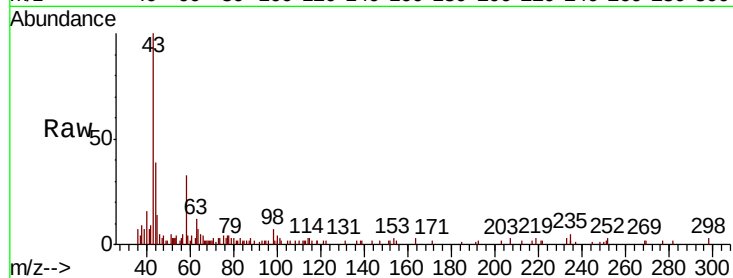
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9417

Ion Ratio Lower Upper

43 100

58 37.2 0.0 60.8



#27

1,2-Dichloroethane

Concen: 0.721 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.08 min

Lab File: VV014015.D

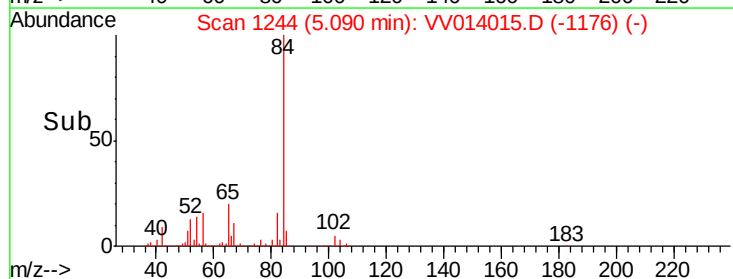
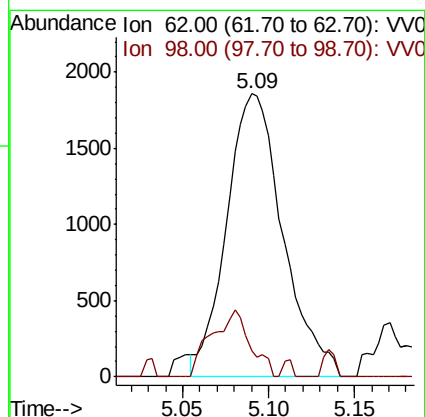
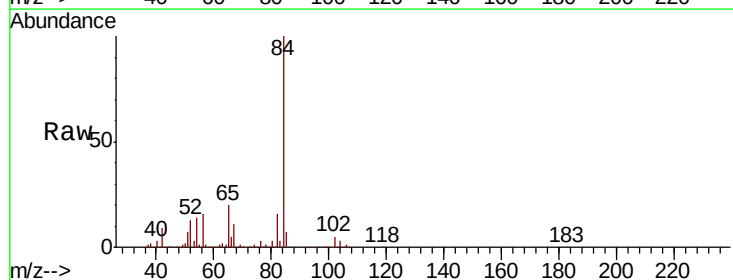
Acq: 11 Dec 2019 16:16

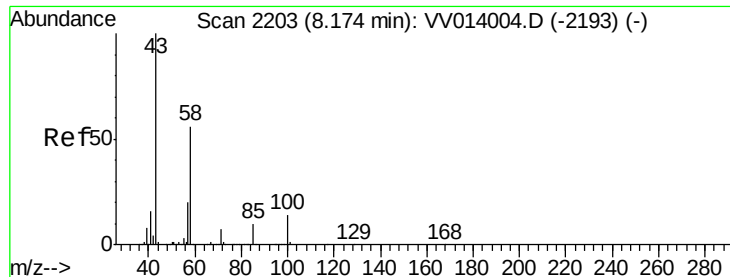
Tgt Ion: 62 Resp: 4237

Ion Ratio Lower Upper

62 100

98 9.1 8.5 12.7

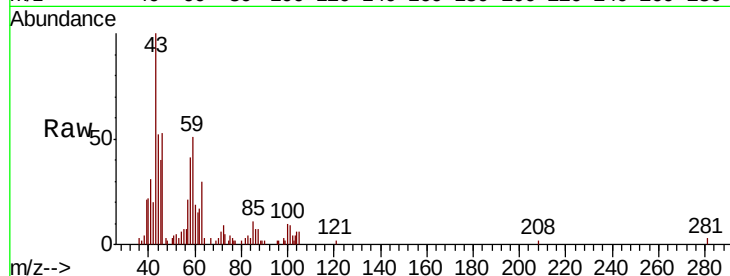




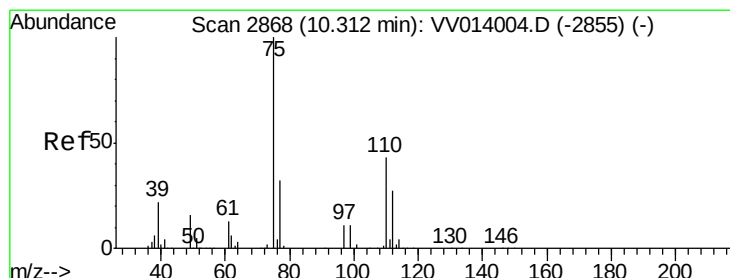
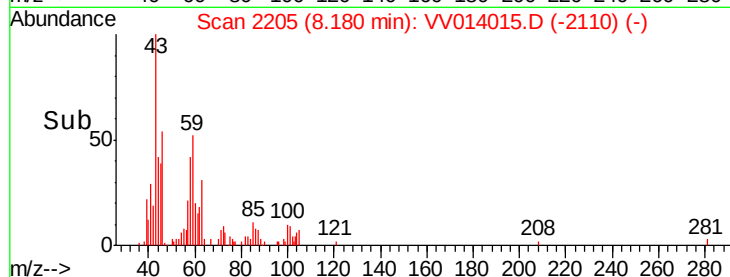
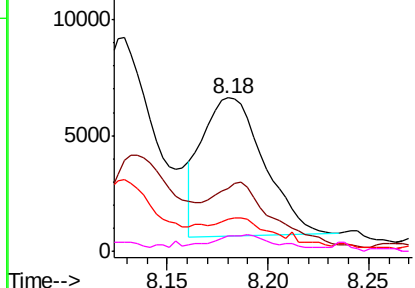
#48
2-Hexanone
Concen: 3.287 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
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Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 12762
Ion Ratio Lower Upper
43 100
58 0.0 48.4 72.6#
57 0.0 16.6 24.8#
100 2.5 11.9 17.9#

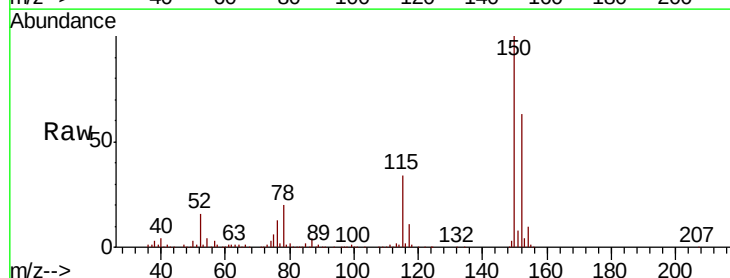


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0



#59
1,2,3-Trichloropropane
Concen: 3.644 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014015.D
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Tgt Ion: 75 Resp: 18403
Ion Ratio Lower Upper
75 100
77 36.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

