

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014008.D
 Acq On : 11 Dec 2019 13:24
 Operator : SY/MD
 Sample : K6238-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:03:43 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	627860	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	634213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	264445	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191009	52.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	207344	54.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	307298	38.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.54%
21) 2-Butanone-d5	3.92	46	215166	84.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.18%
24) Chloroform-d	4.39	84	361150	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.07	65	231989	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
32) Benzene-d6	5.09	84	732431	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
36) 1,2-Dichloropropane-d6	6.11	67	237448	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.26%
41) Toluene-d8	7.35	98	683392	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%
43) trans-1,3-Dichloropropene-	7.66	79	104377	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
47) 2-Hexanone-d5	8.13	63	116337	63.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.16%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	284833	39.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	267309	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%

Target Compounds

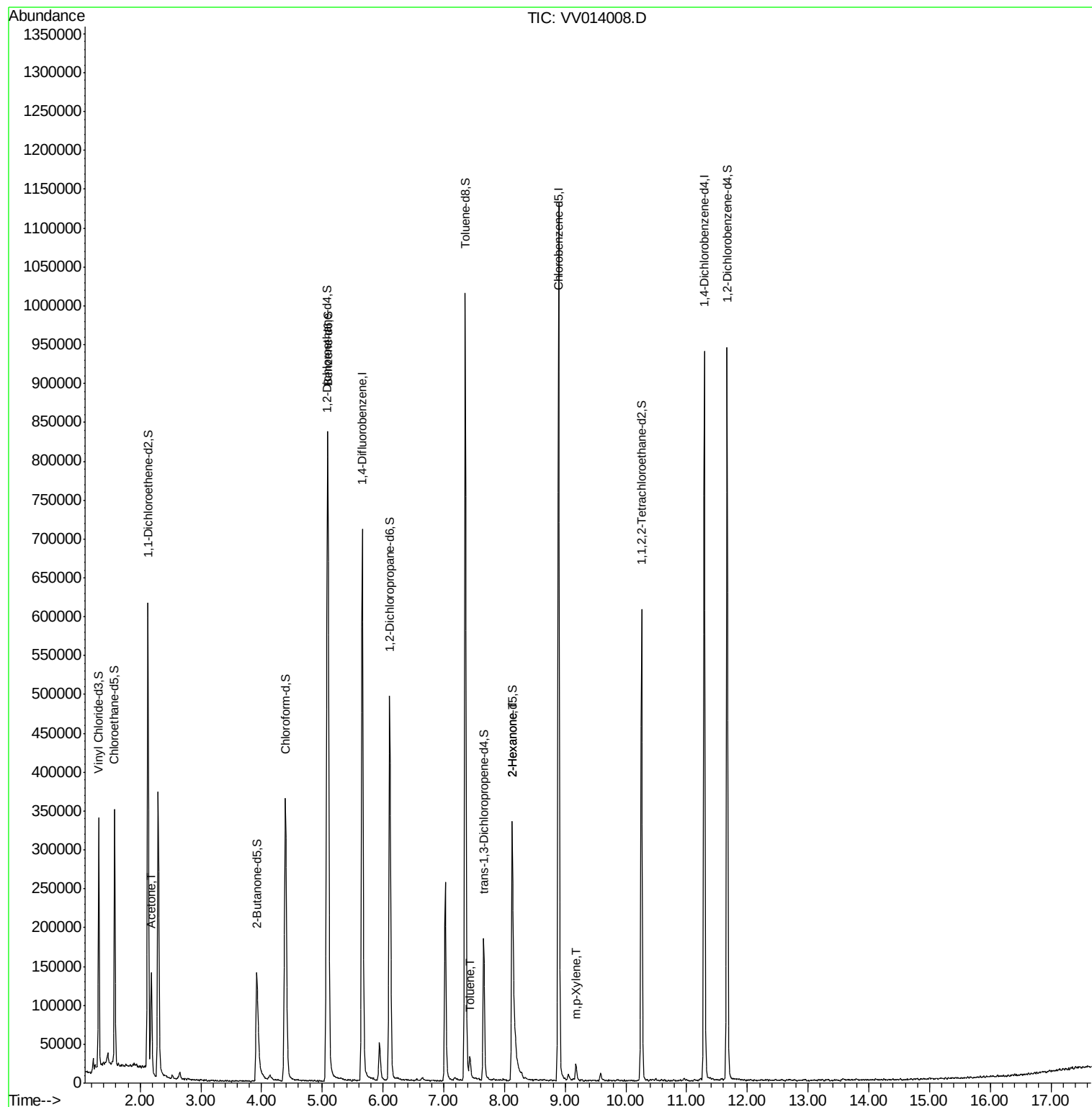
					Ovalue
13) Acetone	2.18	43	116050	30.984 ug/L	98
42) Toluene	7.43	91	19243	0.987 ug/L	100
48) 2-Hexanone	8.13	43	15406	3.240 ug/L #	39
53) m,p-Xylene	9.18	106	5708	0.687 ug/L	96

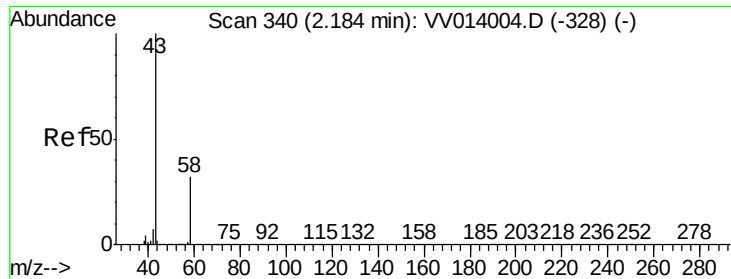
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 30.984 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV014008.D

Acq: 11 Dec 2019 13:24

Instrument :

MSVOA_V

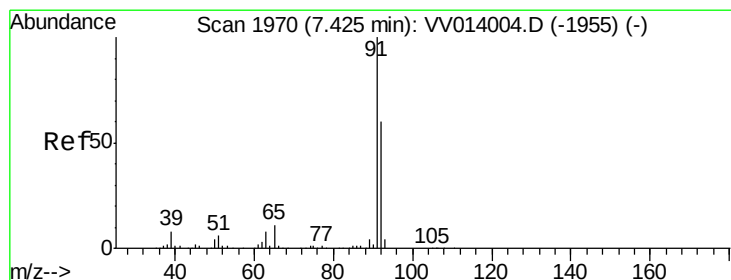
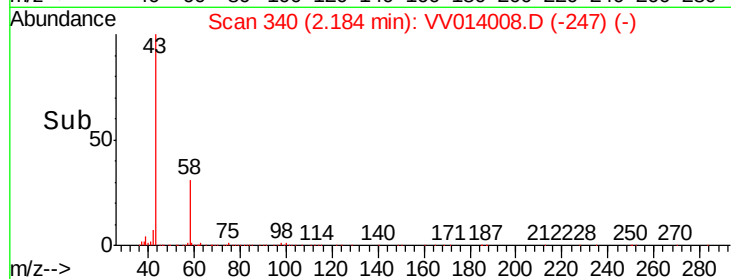
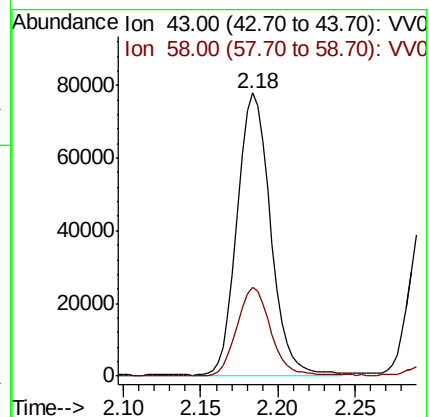
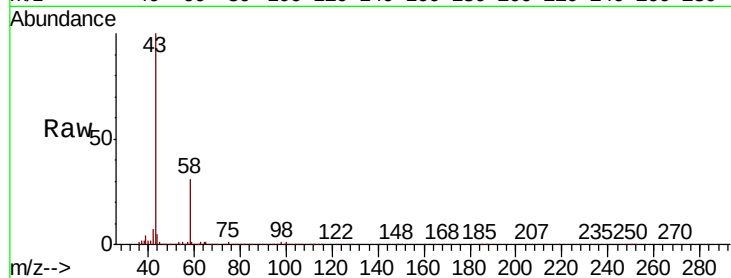
ClientSampleId :

Tot Ion: 43 Resp: 116050

Ion Ratio Lower Upper

43 100

58 31.7 0.0 60.8



#42

Toluene

Concen: 0.987 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014008.D

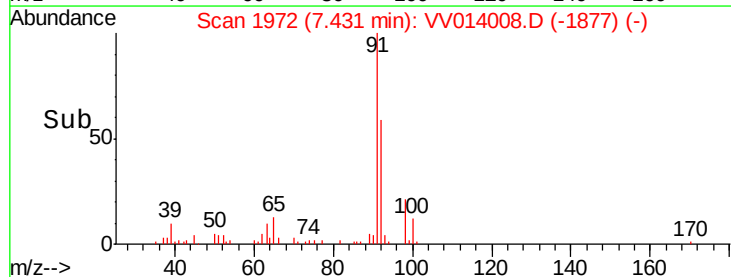
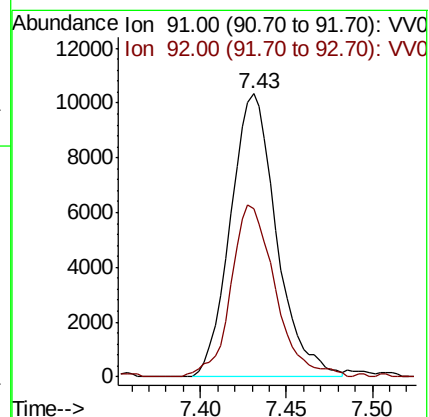
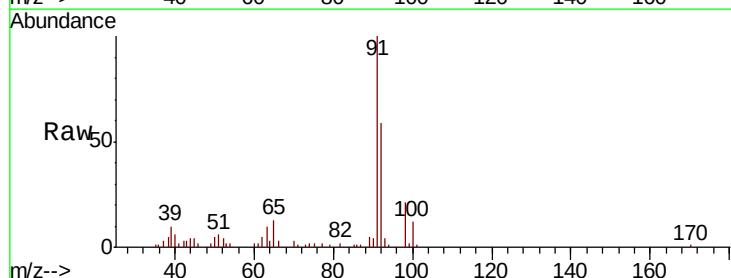
Acq: 11 Dec 2019 13:24

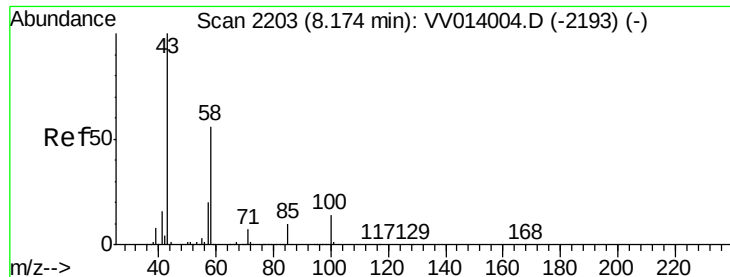
Tgt Ion: 91 Resp: 19243

Ion Ratio Lower Upper

91 100

92 59.5 41.4 77.0

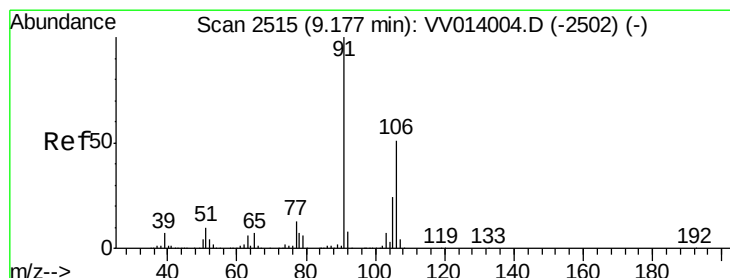
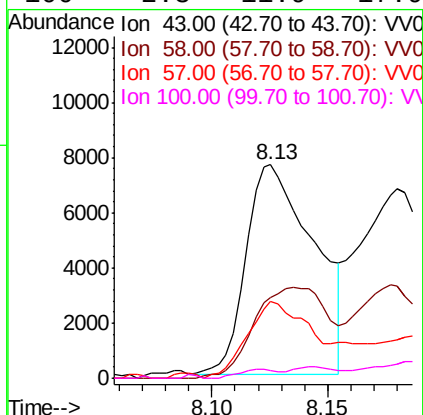
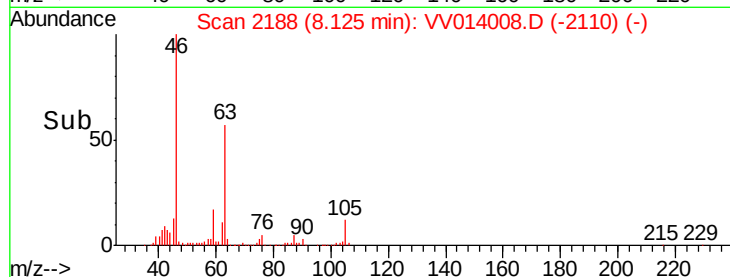
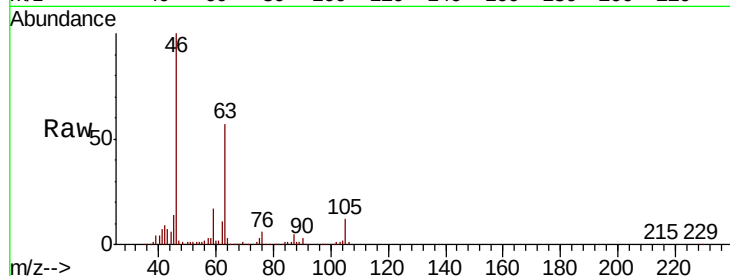




#48
2-Hexanone
Concen: 3.240 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 15406
Ion Ratio Lower Upper
43 100
58 0.0 48.4 72.6#
57 33.9 16.6 24.8#
100 2.3 11.9 17.9#



#53
m,p-Xylene
Concen: 0.687 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV014008.D
Acq: 11 Dec 2019 13:24

Tgt Ion: 106 Resp: 5708
Ion Ratio Lower Upper
106 100
91 193.3 139.4 259.0

