

Data File : VV013989.D
Acq On : 10 Dec 2019 15:47
Operator : SY/MD
Sample : K6202-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0C02

Quant Time: Dec 11 00:29:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 11 00:25:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	603246	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	560507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	234083	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	156487	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.57	69	171126	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.98%
11) 1,1-Dichloroethene-d2	1.98	63	365	0.05	ug/L	-0.15
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.10%#
21) 2-Butanone-d5	3.92	46	230576	93.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.89%
24) Chloroform-d	4.40	84	320498	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	5.07	65	207697	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
32) Benzene-d6	5.09	84	655305	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.11	67	200042	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.76%
41) Toluene-d8	7.36	98	546272	41.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.52%
43) trans-1,3-Dichloropropene-	7.66	79	86497	40.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.54%
47) 2-Hexanone-d5	8.13	63	137206	84.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.28%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	275420	43.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.26%
64) 1,2-Dichlorobenzene-d4	11.67	152	228646	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

Target Compounds

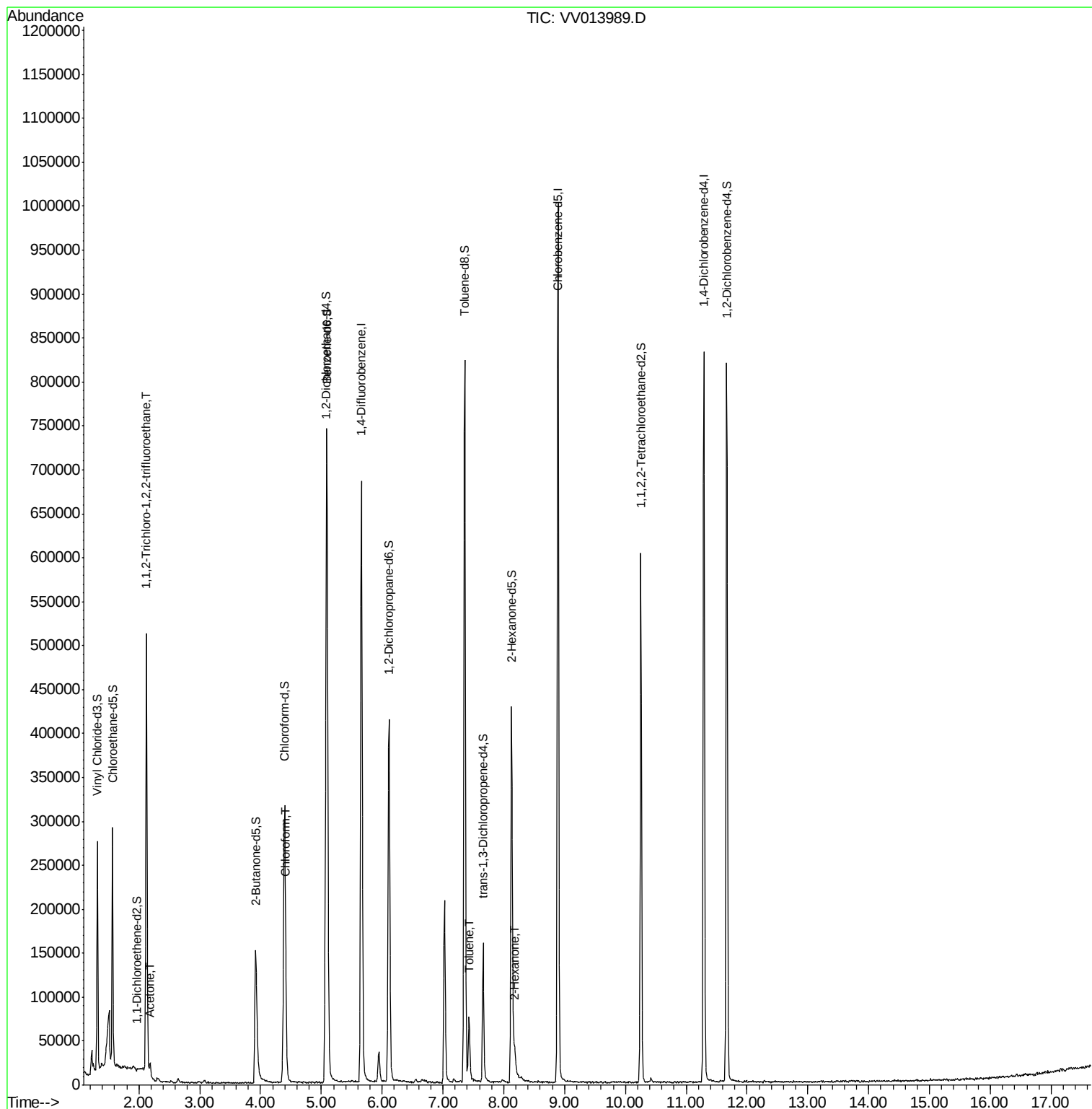
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2905	0.640 ug/L	# 21
13) Acetone	2.18	43	15970	4.438 ug/L	98
25) Chloroform	4.42	83	15263	1.849 ug/L	97
42) Toluene	7.43	91	53210	3.090 ug/L	100
48) 2-Hexanone	8.18	43	14809	3.524 ug/L	90

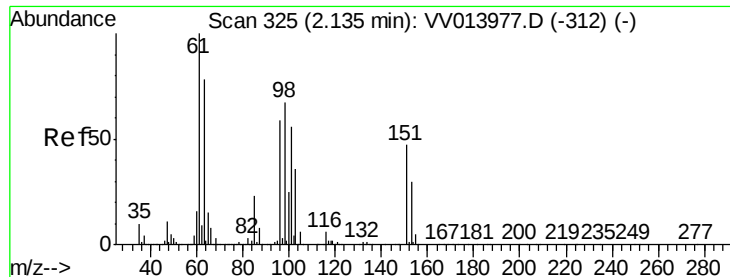
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.640 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0C02

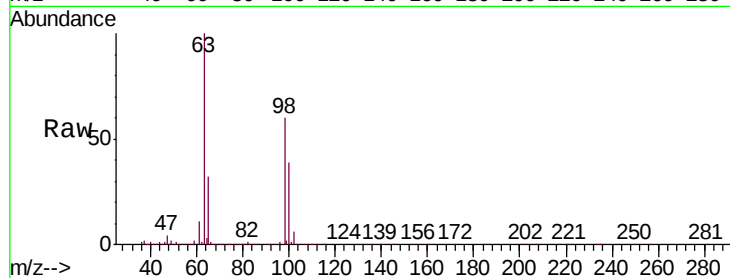
Tgt Ion:101 Resp: 2905

Ion Ratio Lower Upper

101 100

85 7.3 32.5 48.7#

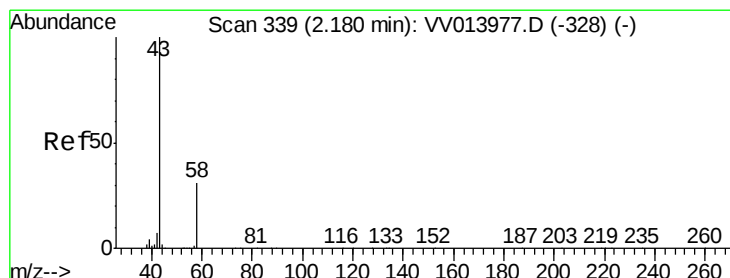
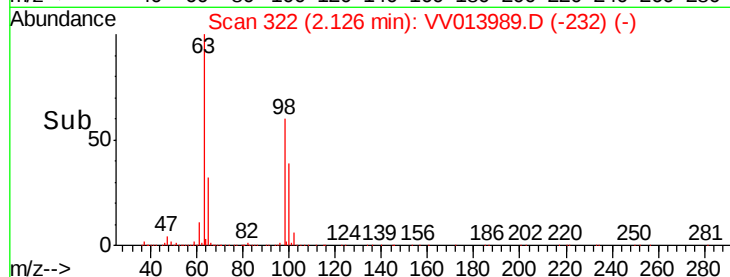
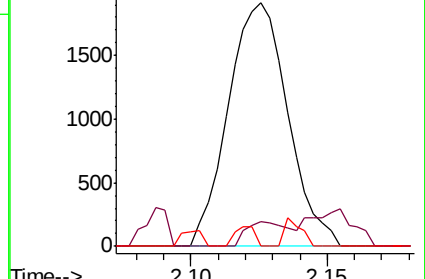
151 2.8 69.8 104.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.438 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013989.D

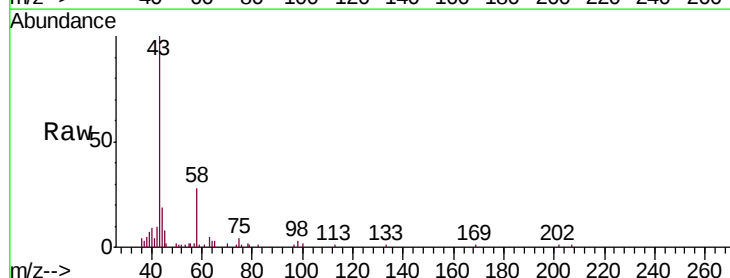
Acq: 10 Dec 2019 15:47

Tgt Ion: 43 Resp: 15970

Ion Ratio Lower Upper

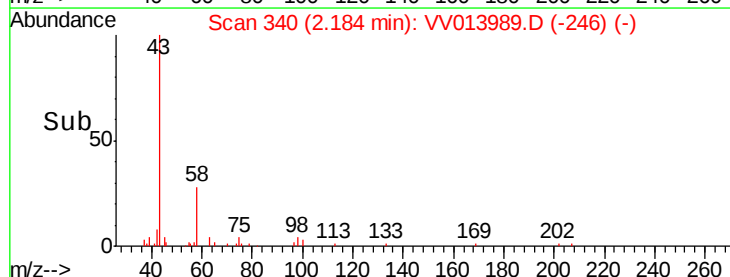
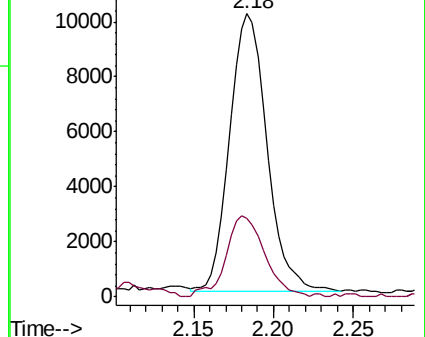
43 100

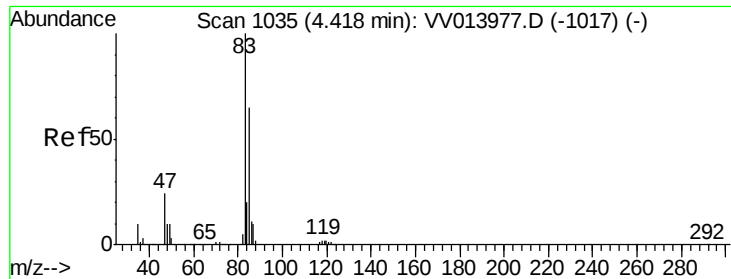
58 29.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

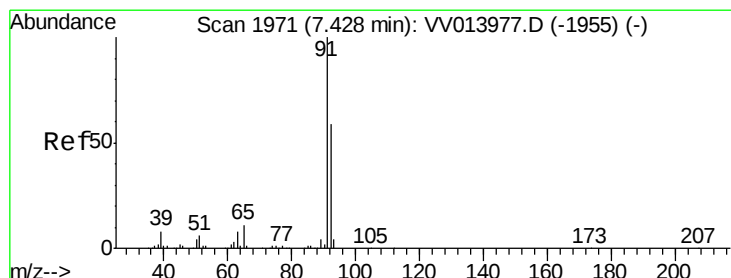
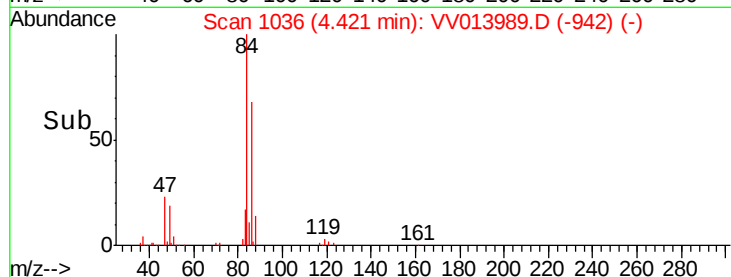
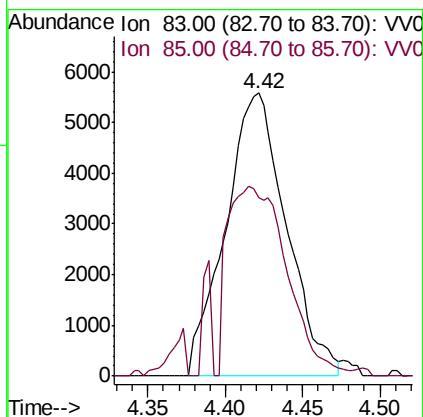
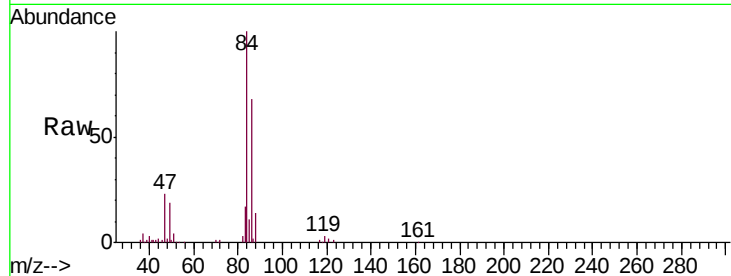




#25
Chloroform
Concen: 1.849 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
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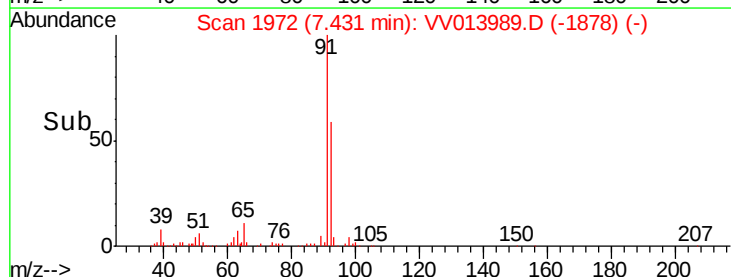
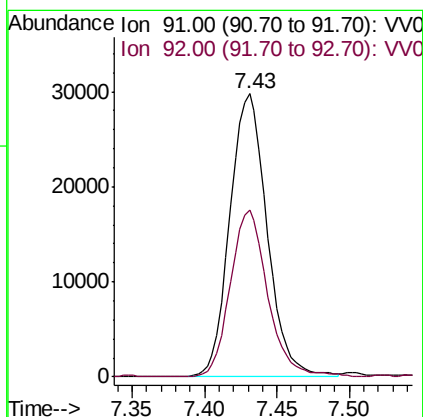
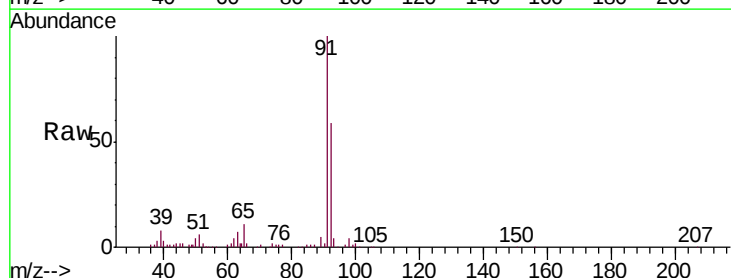
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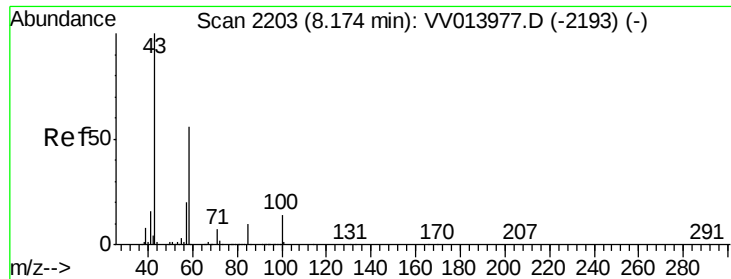
Tgt Ion: 83 Resp: 15263
Ion Ratio Lower Upper
83 100
85 63.2 45.7 84.9



#42
Toluene
Concen: 3.090 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013989.D
Acq: 10 Dec 2019 15:47

Tgt Ion: 91 Resp: 53210
Ion Ratio Lower Upper
91 100
92 59.2 41.4 77.0





#48

2-Hexanone

Concen: 3.524 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.01 min

Lab File: VV013989.D

Acq: 10 Dec 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

C0C02

Tgt Ion: 43 Resp: 14809

Ion Ratio Lower Upper

43 100

58 49.0 48.4 72.6

57 20.2 16.6 24.8

100 13.1 11.9 17.9

