

Data File : VV013991.D
Acq On : 10 Dec 2019 16:35
Operator : SY/MD
Sample : K6238-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFPZ8

Quant Time: Dec 11 00:29:47 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	606890	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	576612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	235955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	148211	42.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.46%
7) Chloroethane-d5	1.56	69	158025	43.13	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.26%
11) 1,1-Dichloroethene-d2	2.12	63	247075	31.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.66%
21) 2-Butanone-d5	3.92	46	217457	88.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.02%
24) Chloroform-d	4.39	84	313838	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	5.07	65	202554	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
32) Benzene-d6	5.09	84	618716	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.82%
36) 1,2-Dichloropropane-d6	6.11	67	197178	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.92%
41) Toluene-d8	7.35	98	505663	37.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.24%#
43) trans-1,3-Dichloropropene-	7.66	79	80205	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
47) 2-Hexanone-d5	8.13	63	129297	77.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.21%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	239982	36.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.90%
64) 1,2-Dichlorobenzene-d4	11.67	152	219929	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%

Target Compounds

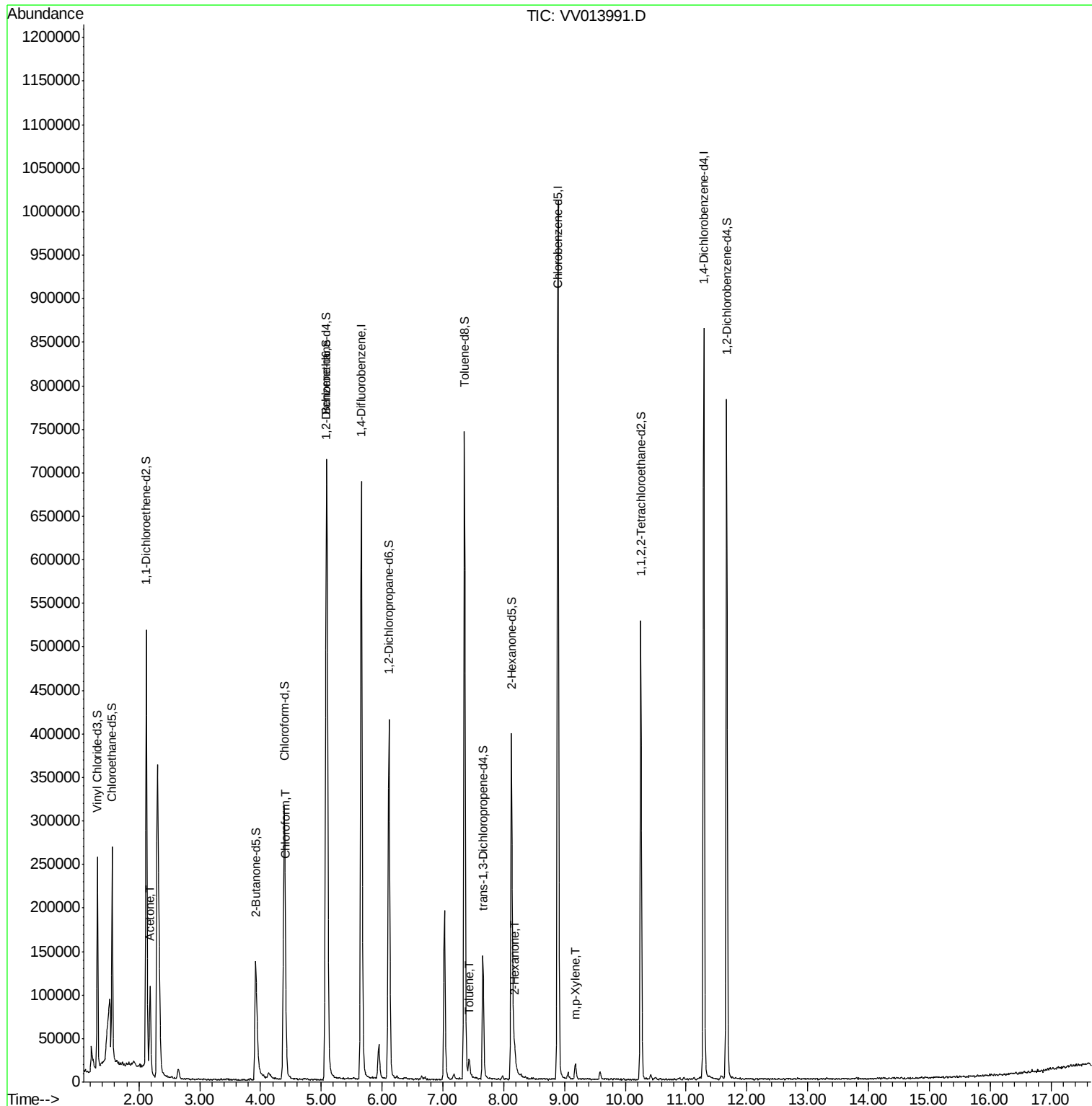
					Qvalue
13) Acetone	2.18	43	92648	25.591 ug/L	96
25) Chloroform	4.42	83	6257	0.753 ug/L	91
42) Toluene	7.43	91	15747	0.889 ug/L	92
48) 2-Hexanone	8.18	43	14486	3.351 ug/L #	86
53) m,p-Xylene	9.18	106	5102	0.676 ug/L	92

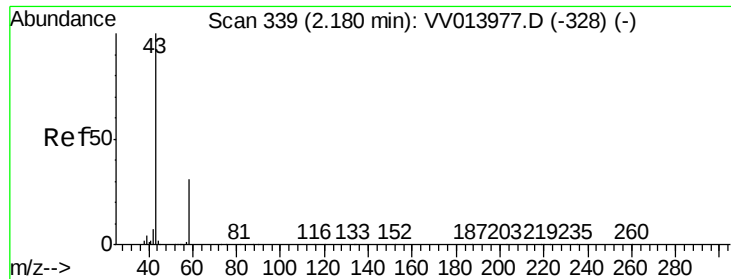
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.591 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Acq: 10 Dec 2019 16:35

Instrument :

MSVOA_V

ClientSampleId :

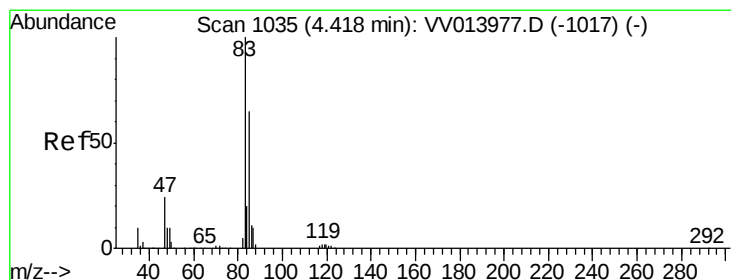
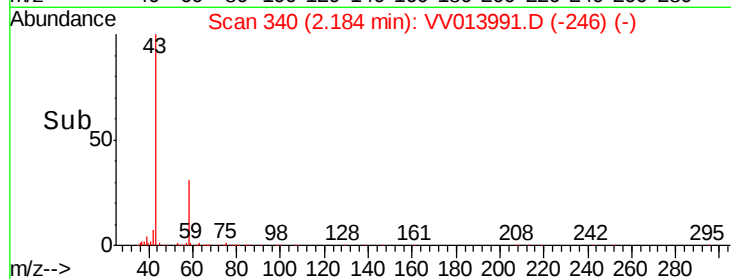
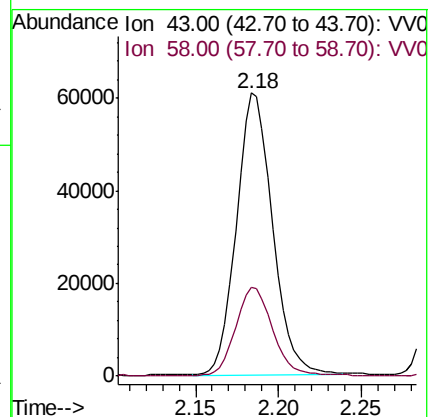
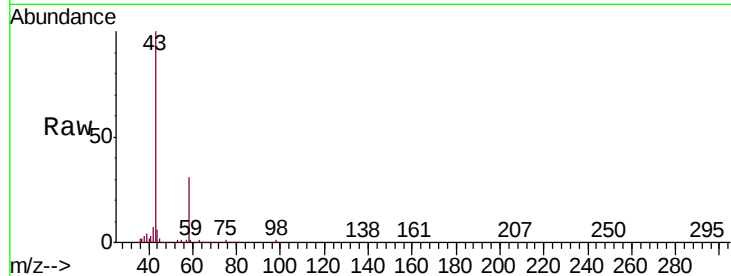
BFPZ8

Tgt Ion: 43 Resp: 92648

Ion Ratio Lower Upper

43 100

58 32.3 0.0 60.8



#25

Chloroform

Concen: 0.753 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VV013991.D

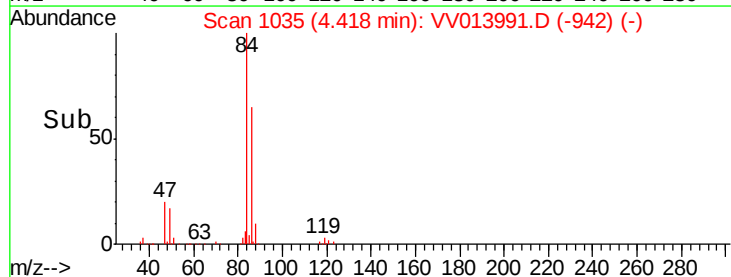
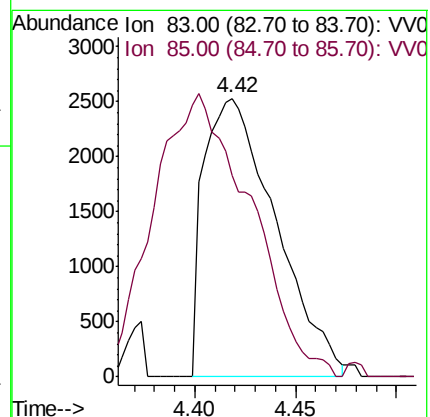
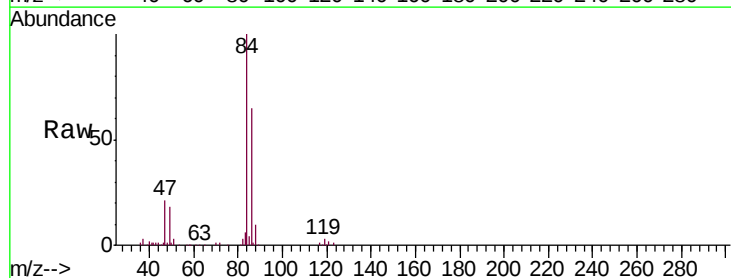
Acq: 10 Dec 2019 16:35

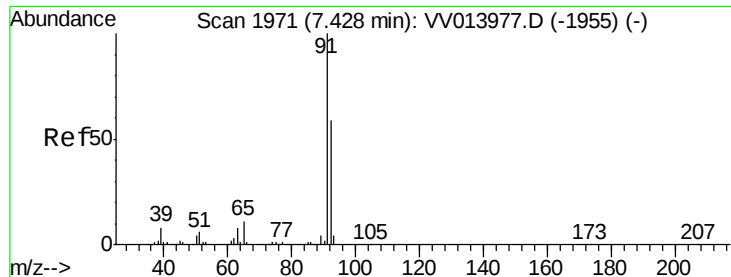
Tgt Ion: 83 Resp: 6257

Ion Ratio Lower Upper

83 100

85 72.4 45.7 84.9





#42

Toluene

Concen: 0.889 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013991.D

Acq: 10 Dec 2019 16:35

Instrument :

MSVOA_V

ClientSampleId :

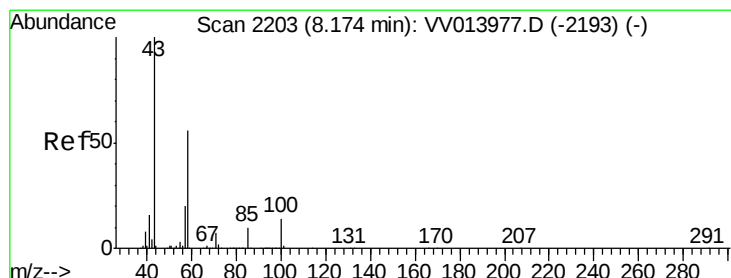
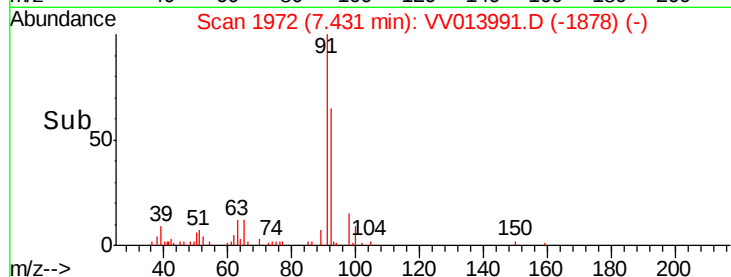
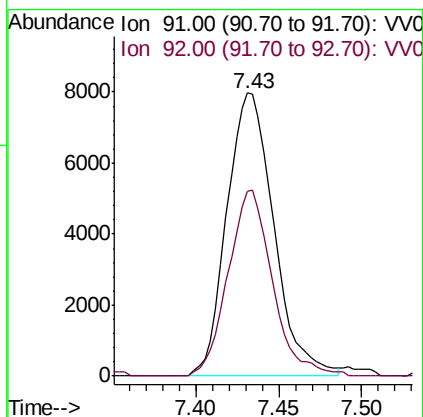
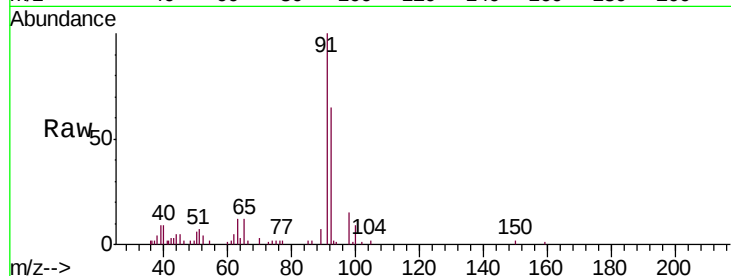
BFPZ8

Tgt Ion: 91 Resp: 15747

Ion Ratio Lower Upper

91 100

92 65.4 41.4 77.0



#48

2-Hexanone

Concen: 3.351 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.01 min

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Tgt Ion: 43 Resp: 14486

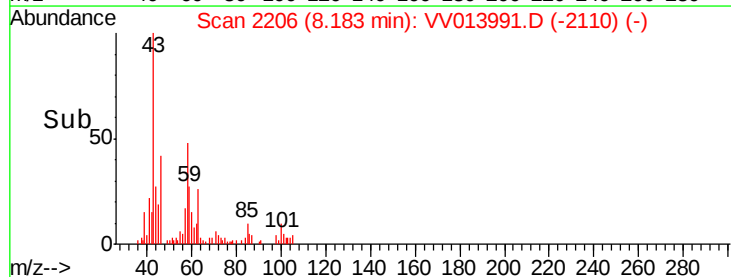
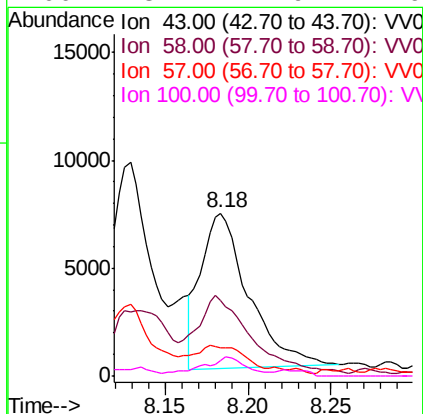
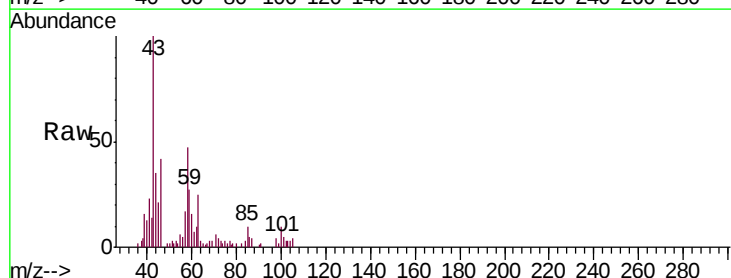
Ion Ratio Lower Upper

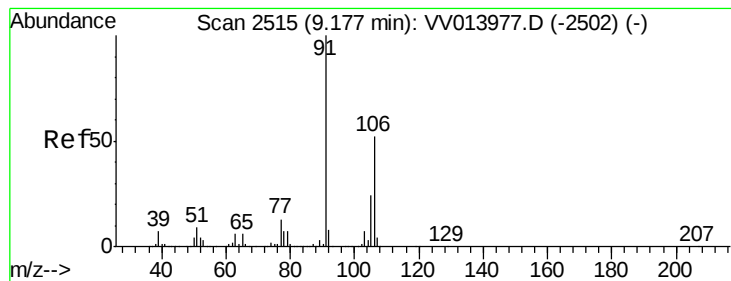
43 100

58 56.9 48.4 72.6

57 2.0 16.6 24.8#

100 8.1 11.9 17.9#





#53

m,p-Xylene

Concen: 0.676 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

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Acq: 10 Dec 2019 16:35

Instrument :

MSVOA_V

ClientSampleId :

BFPZ8

Tgt Ion:106 Resp: 5102

Ion Ratio Lower Upper

106 100

91 187.6 139.4 259.0

