

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014197.D
 Acq On : 27 Dec 2019 17:55
 Operator : SY/MD
 Sample : K6432-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6X0

Quant Time: Dec 28 17:20:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 28 01:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	801493	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	702370	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	293985	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	230077	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.58	69	197163	6.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.20%
11) 1,1-Dichloroethene-d2	2.13	63	280141	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.92	46	603615	64.73	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.46%
24) Chloroform-d	4.40	84	483262	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	241492	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.10	84	1020896	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.11	67	318062	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.36	98	910806	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.66	79	119630	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.13	63	521946	52.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	219424	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	273180	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

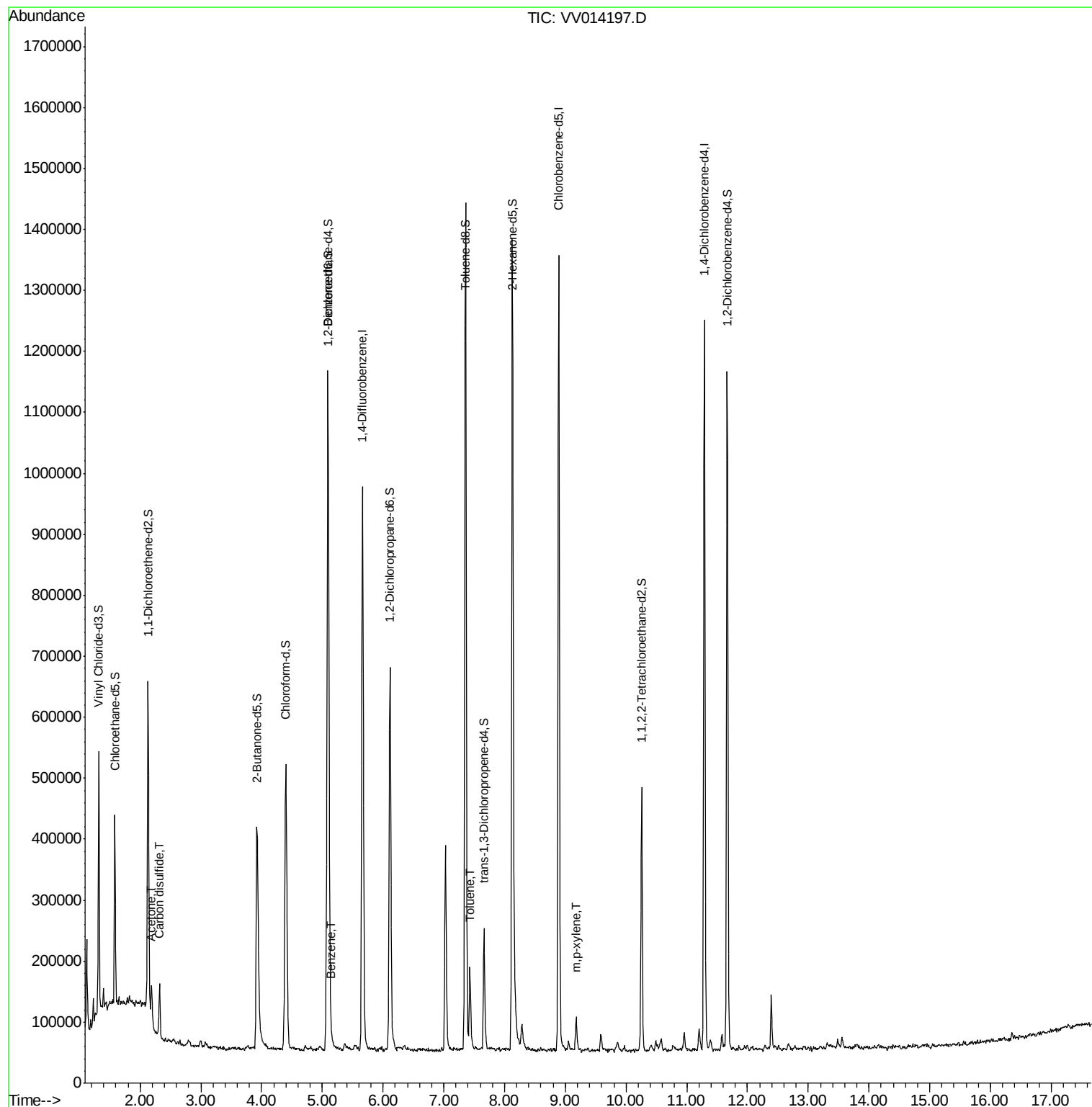
					Ovalue
13) Acetone	2.19	43	50290	8.744 ug/L	92
14) Carbon disulfide	2.32	76	99777	0.644 ug/L	98
33) Benzene	5.15	78	16795	0.077 ug/L	100
42) Toluene	7.43	91	96039	0.402 ug/L	99
53) m,p-xylene	9.18	106	17476	0.176 ug/L	86

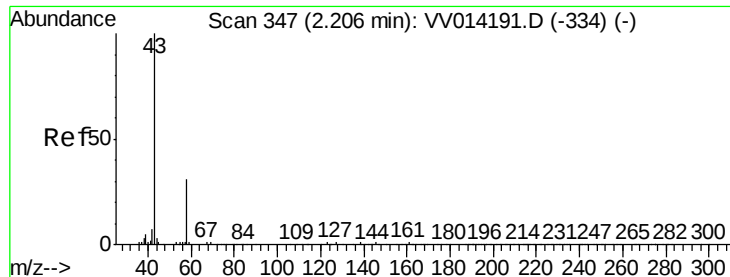
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.744 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

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Acq: 27 Dec 2019 17:55

Instrument :

MSVOA_V

ClientSampleId :

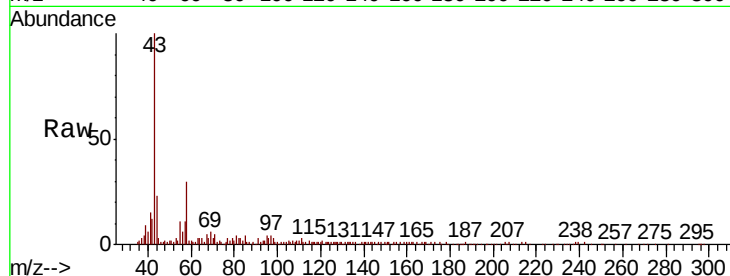
BF6X0

Tot Ion: 43 Resp: 50290

Ion Ratio Lower Upper

43 100

58 28.7 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

40000

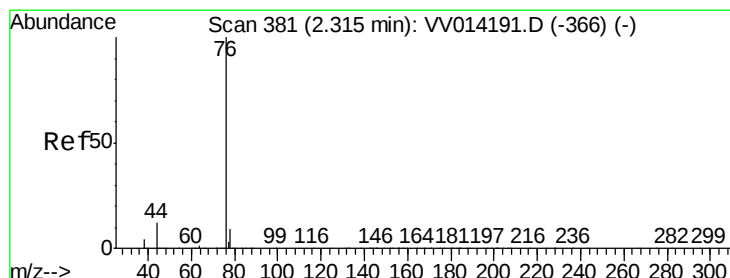
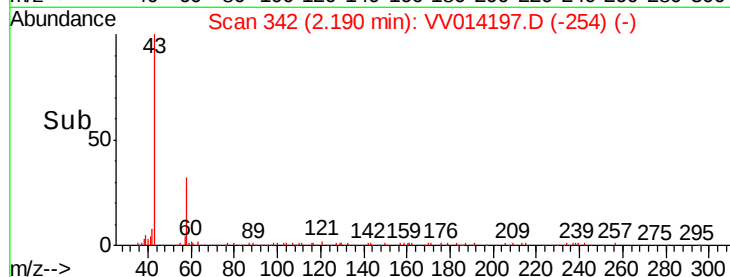
30000

20000

10000

0

Time--> 2.10 2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.644 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014197.D

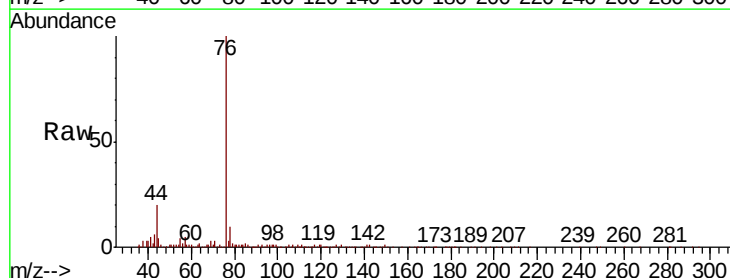
Acq: 27 Dec 2019 17:55

Tgt Ion: 76 Resp: 99777

Ion Ratio Lower Upper

76 100

78 10.0 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

80000

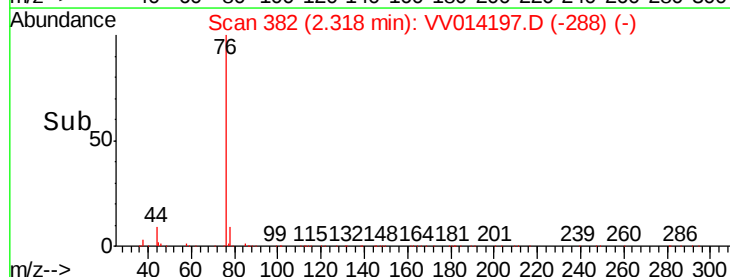
60000

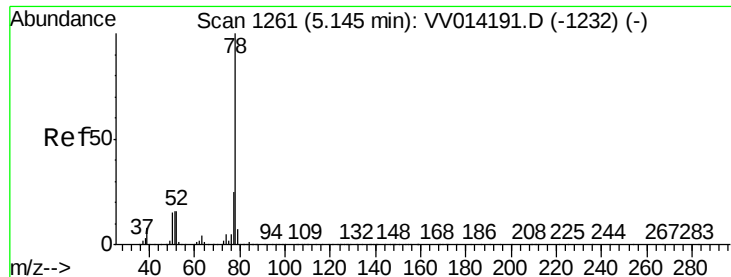
40000

20000

0

Time--> 2.25 2.30 2.35 2.40





#33

Benzene

Concen: 0.077 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VV014197.D

Acq: 27 Dec 2019 17:55

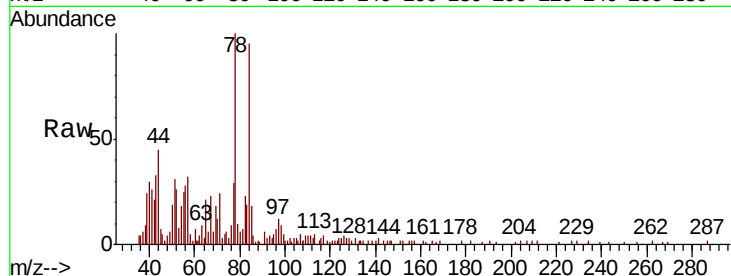
Instrument :

MSVOA_V

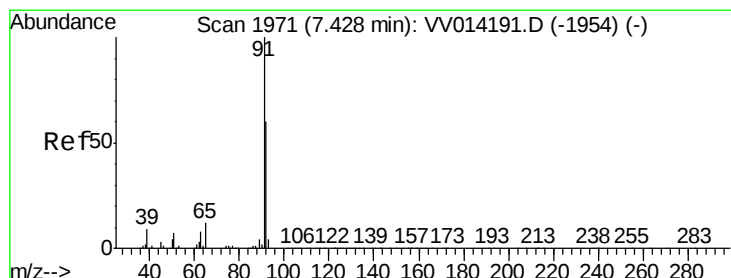
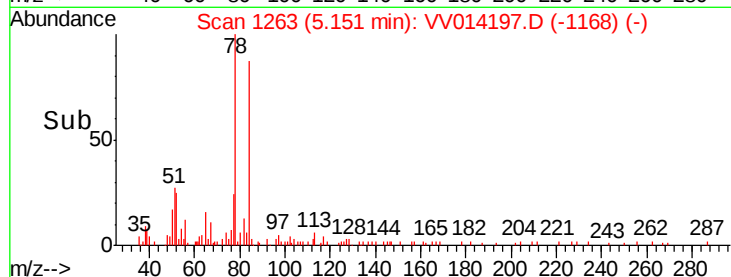
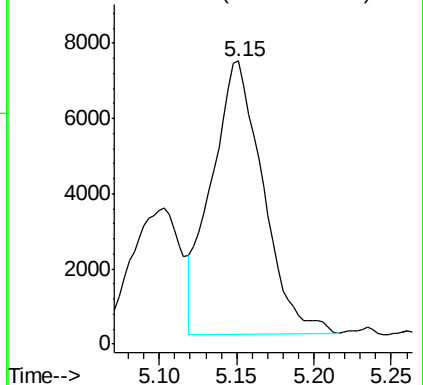
ClientSampleId :

BF6X0

Tgt Ion: 78 Resp: 16795



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.402 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV014197.D

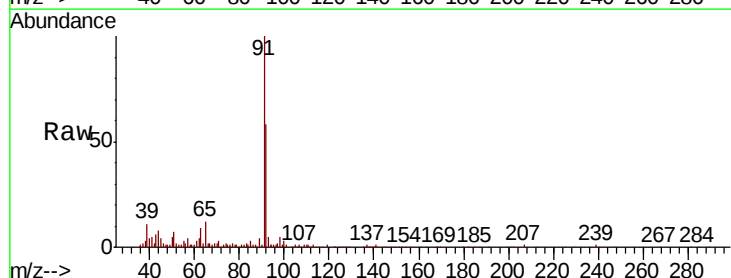
Acq: 27 Dec 2019 17:55

Tgt Ion: 91 Resp: 96039

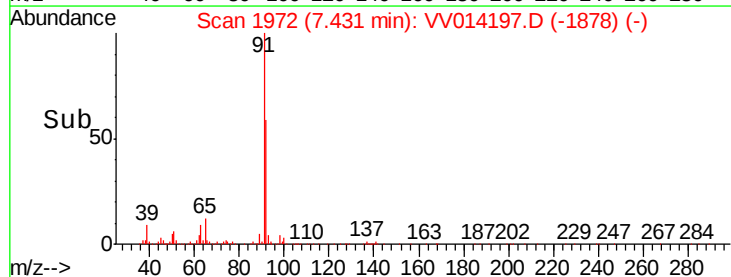
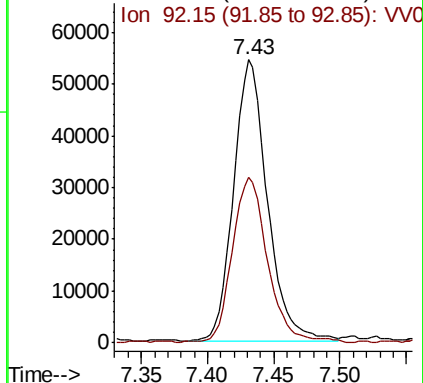
Ion Ratio Lower Upper

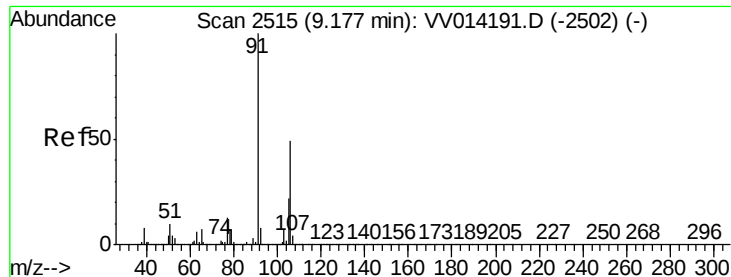
91 100

92 58.3 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0





#53

m,p-xylene

Concen: 0.176 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014197.D

Acq: 27 Dec 2019 17:55

Instrument :
MSVOA_V
ClientSampleId :
BF6X0

Tot Ion:106 Resp: 17476

Ion Ratio Lower Upper

106 100

91 187.4 146.8 272.6

