

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014168.D
 Acq On : 23 Dec 2019 19:31
 Operator : SY/MD
 Sample : K6404-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDZ3

Quant Time: Dec 24 03:00:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338830	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	336271	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125227	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.58	69	109047	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.13	63	163624	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.92	46	250437	54.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.22%
24) Chloroform-d	4.40	84	238290	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.08	65	116035	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	462030	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.11	67	140202	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	381748	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	47594	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.13	63	186835	49.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	102261	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	167002	6.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.80%#

Target Compounds

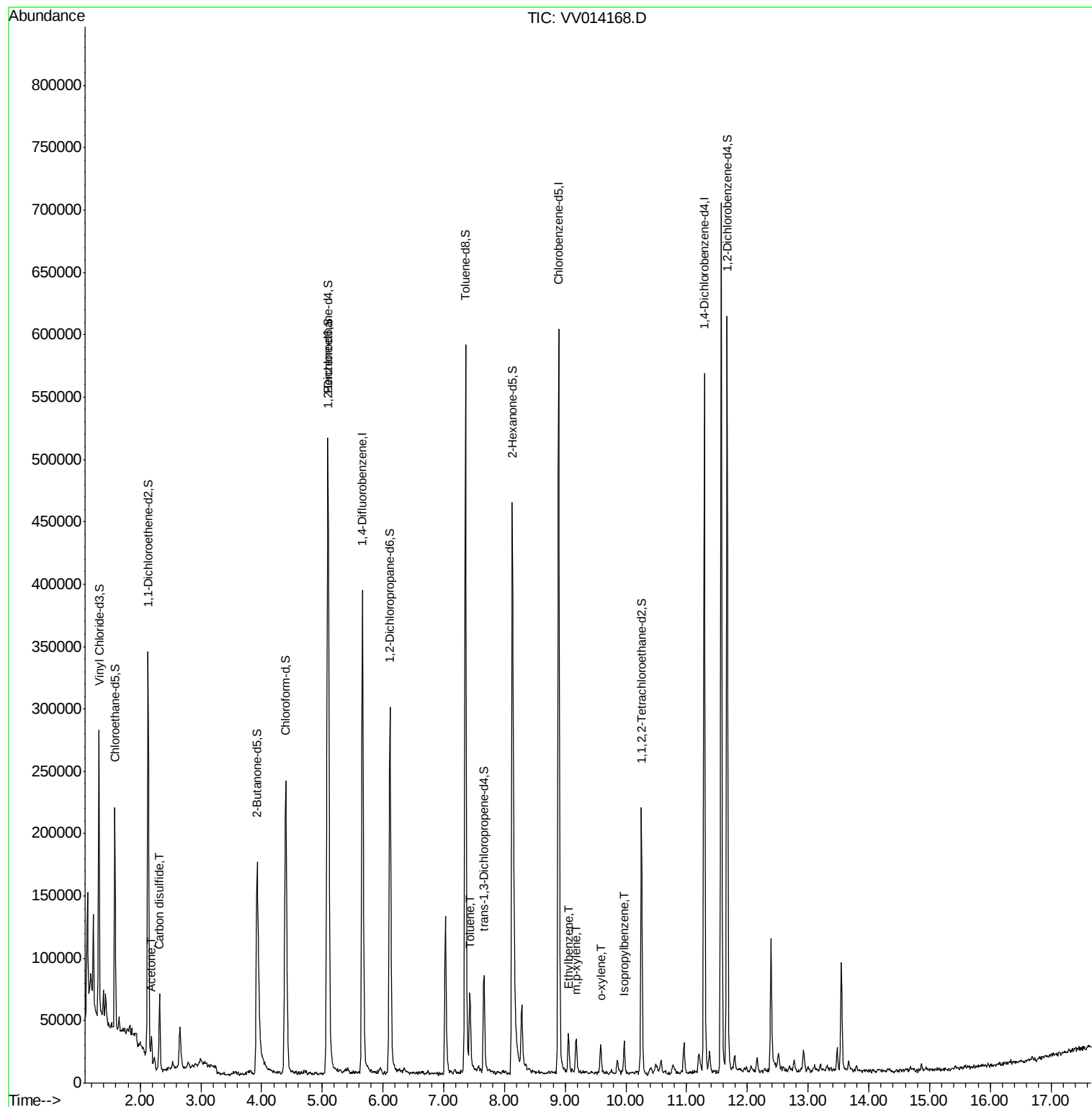
					Ovalue
13) Acetone	2.19	43	20336	5.444 ug/L	94
14) Carbon disulfide	2.32	76	67724	1.043 ug/L	99
42) Toluene	7.43	91	44459	0.448 ug/L	97
52) Ethylbenzene	9.05	91	22659	0.219 ug/L	99
53) m,p-xylene	9.18	106	7558	0.189 ug/L	84
54) o-xylene	9.58	106	6540	0.174 ug/L	87
56) Isopropylbenzene	9.97	105	14342	0.144 ug/L #	92

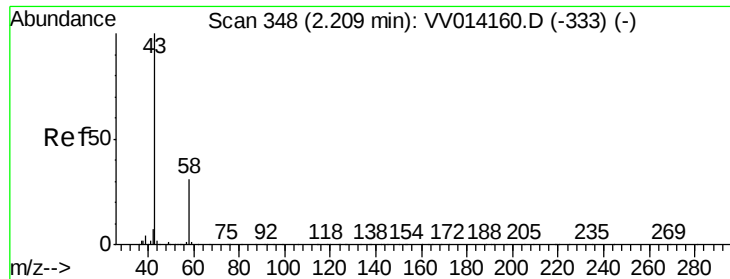
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.444 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014168.D

Acq: 23 Dec 2019 19:31

Instrument :

MSVOA_V

ClientSampleId :

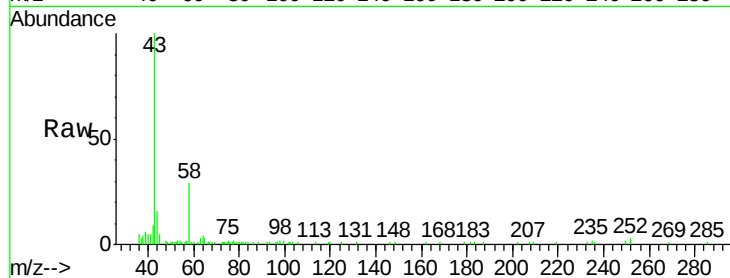
BFDZ3

Tot Ion: 43 Resp: 20336

Ion Ratio Lower Upper

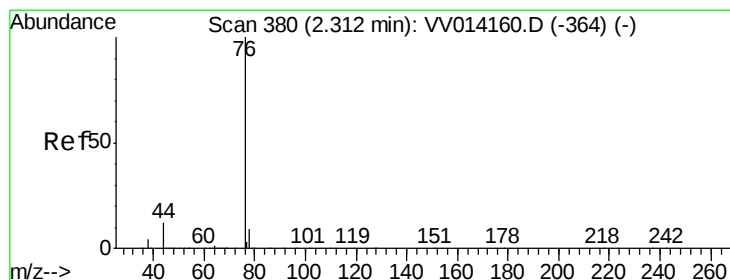
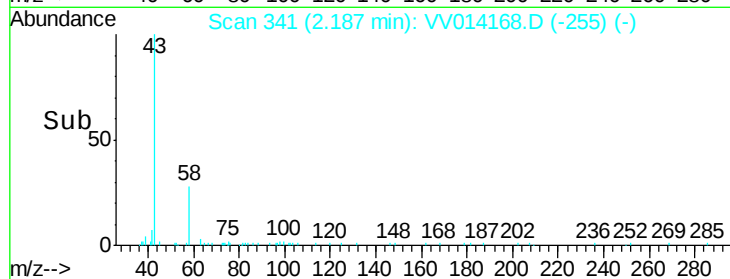
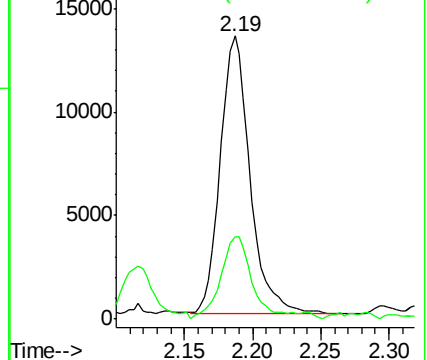
43 100

58 32.8 0.0 58.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 1.043 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014168.D

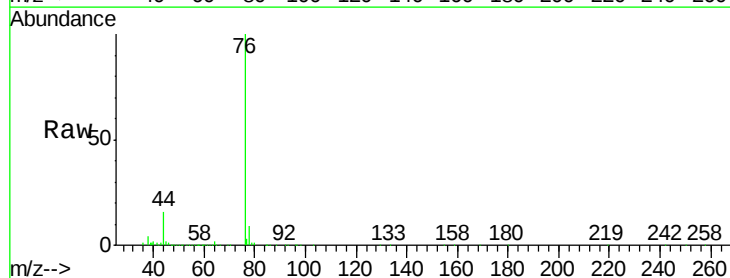
Acq: 23 Dec 2019 19:31

Tgt Ion: 76 Resp: 67724

Ion Ratio Lower Upper

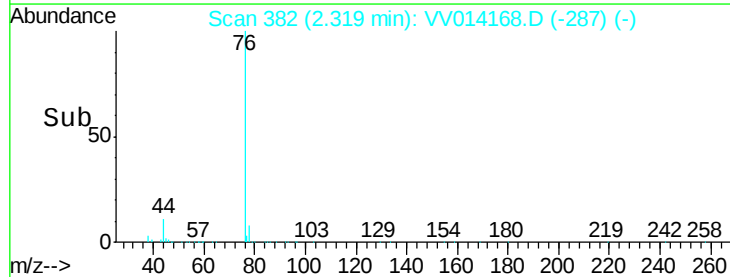
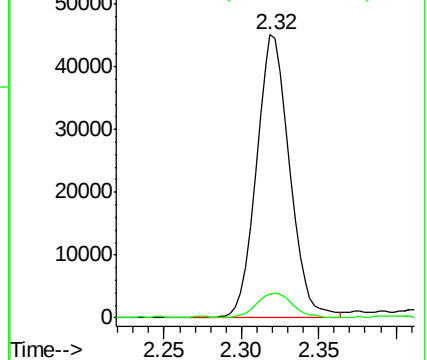
76 100

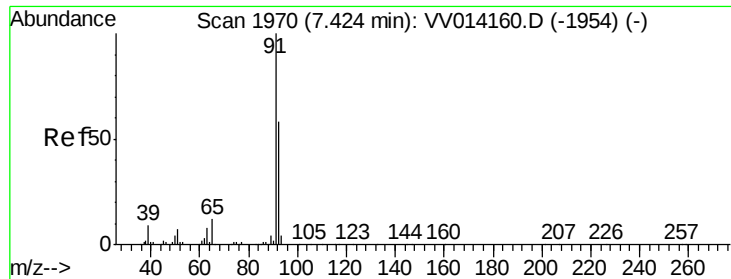
78 8.5 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 0.448 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014168.D

Acq: 23 Dec 2019 19:31

Instrument :

MSVOA_V

ClientSampled :

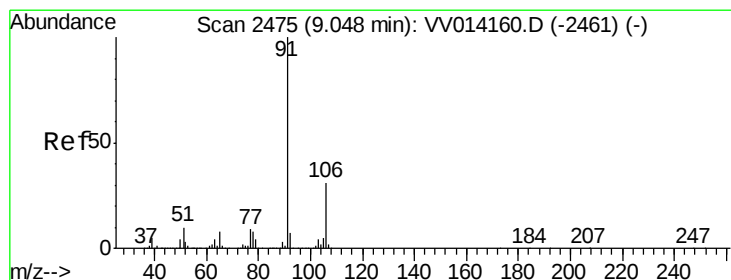
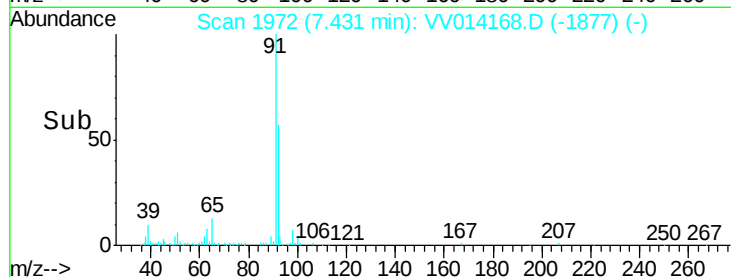
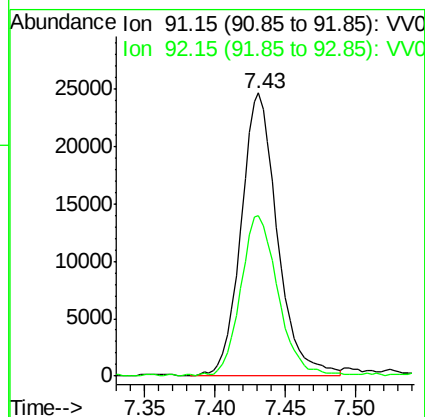
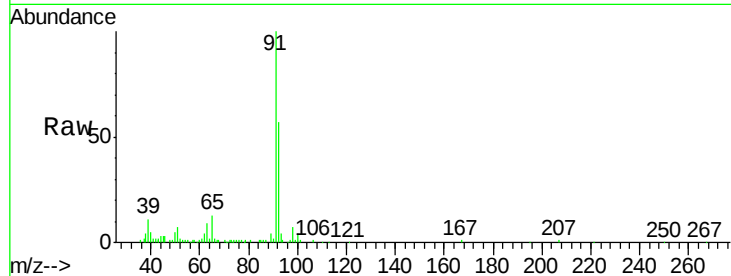
BFDZ3

Tot Ion: 91 Resp: 44459

Ion Ratio Lower Upper

91 100

92 56.8 41.2 76.6



#52

Ethylbenzene

Concen: 0.219 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: VV014168.D

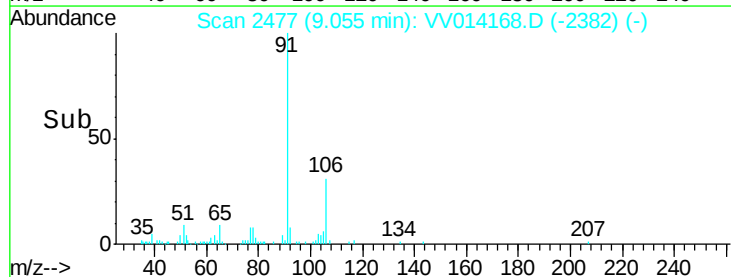
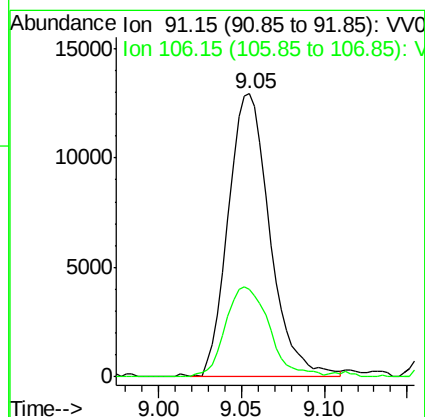
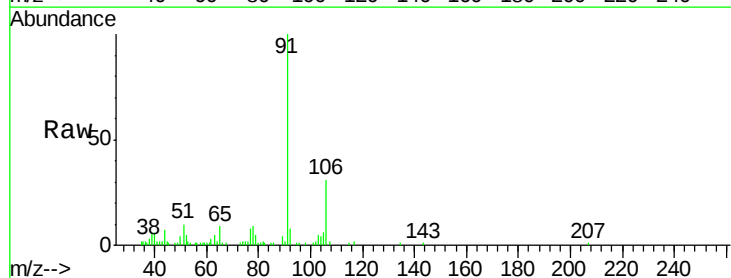
Acq: 23 Dec 2019 19:31

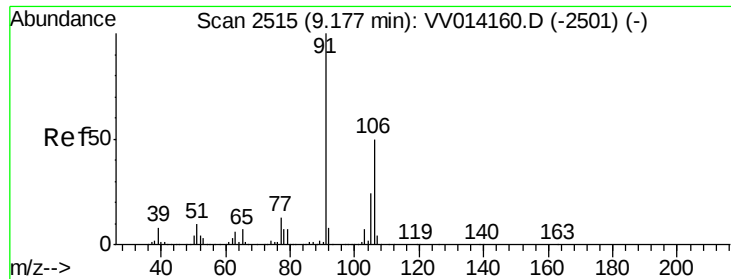
Tgt Ion: 91 Resp: 22659

Ion Ratio Lower Upper

91 100

106 30.8 22.0 41.0





#53

m,p-xylene

Concen: 0.189 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014168.D

Acq: 23 Dec 2019 19:31

Instrument :

MSVOA_V

ClientSampleId :

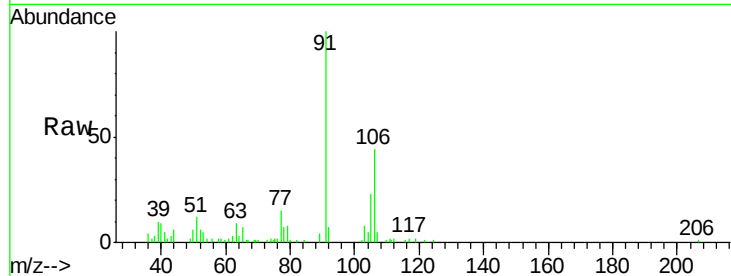
BFDZ3

Tot Ion:106 Resp: 7558

Ion Ratio Lower Upper

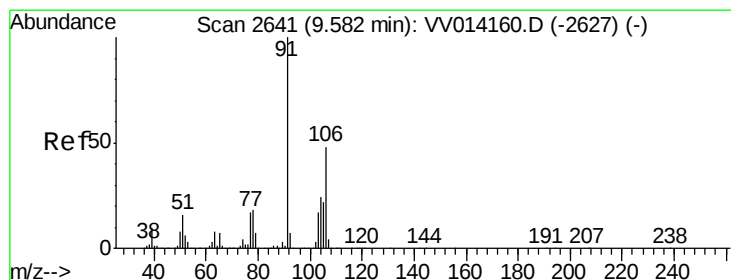
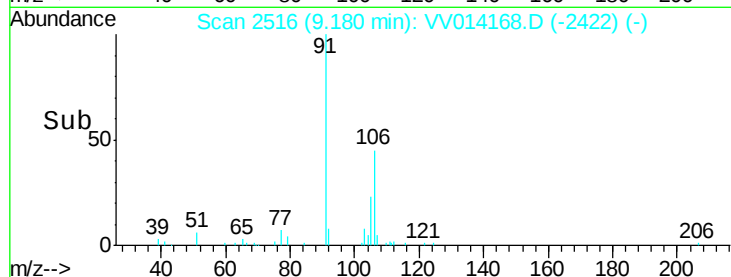
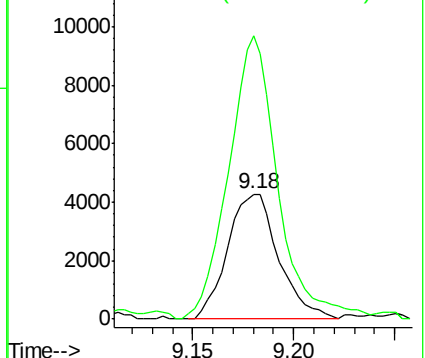
106 100

91 226.1 141.1 262.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.174 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV014168.D

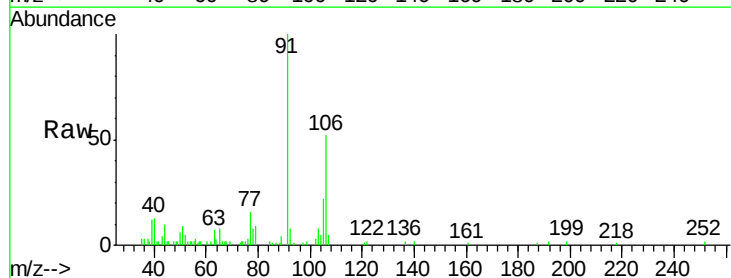
Acq: 23 Dec 2019 19:31

Tgt Ion:106 Resp: 6540

Ion Ratio Lower Upper

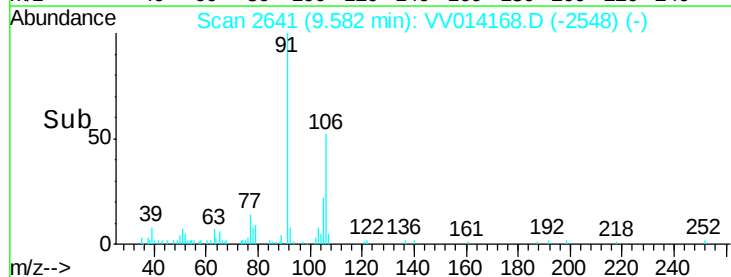
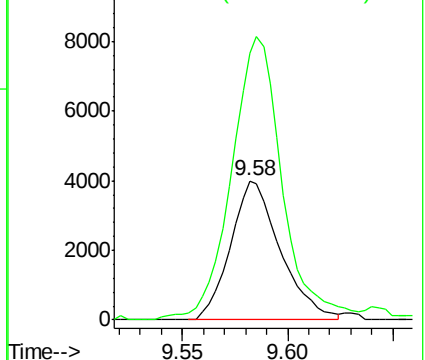
106 100

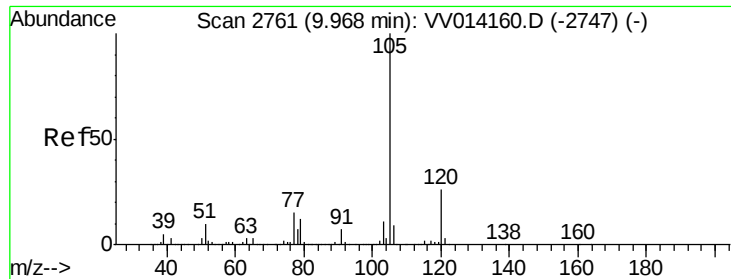
91 192.1 149.0 276.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 0.144 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV014168.D

Acq: 23 Dec 2019 19:31

Instrument :

MSVOA_V

ClientSampleId :

BFDZ3

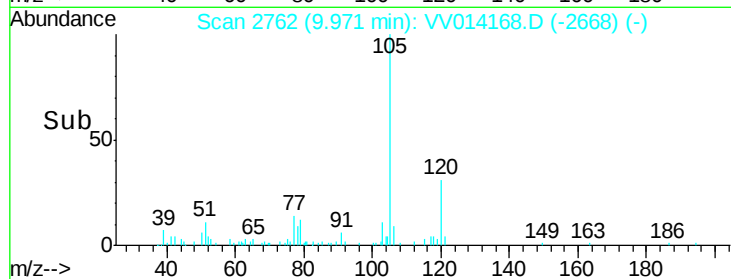
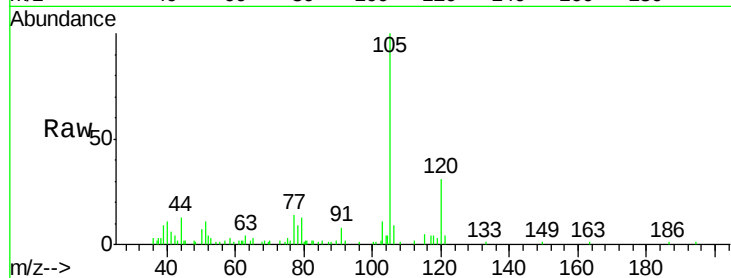
Tot Ion:105 Resp: 14342

Ion Ratio Lower Upper

105 100

120 30.0 21.1 31.7

77 20.0 12.4 18.6#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V

