

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007353.D
 Acq On : 05 Sep 2018 02:10
 Operator : SY/MD
 Sample : J4695-08
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEE51

Quant Time: Sep 05 02:37:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:26:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	506930	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	488328	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	183858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166338	45.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.88%
7) Chloroethane-d5	1.57	69	114030	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.14%
11) 1,1-Dichloroethene-d2	2.13	63	227125	35.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.22%
21) 2-Butanone-d5	3.96	46	253674	86.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.13%
24) Chloroform-d	4.41	84	348976	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
26) 1,2-Dichloroethane-d4	5.09	65	219639	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
32) Benzene-d6	5.11	84	689546	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.12	67	233233	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.58%
41) Toluene-d8	7.37	98	555608	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%
43) trans-1,3-Dichloropropene-	7.67	79	89821	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.14	63	162928	84.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.27%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	296996	44.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.18%
64) 1,2-Dichlorobenzene-d4	11.68	152	206434	52.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.48%

Target Compounds

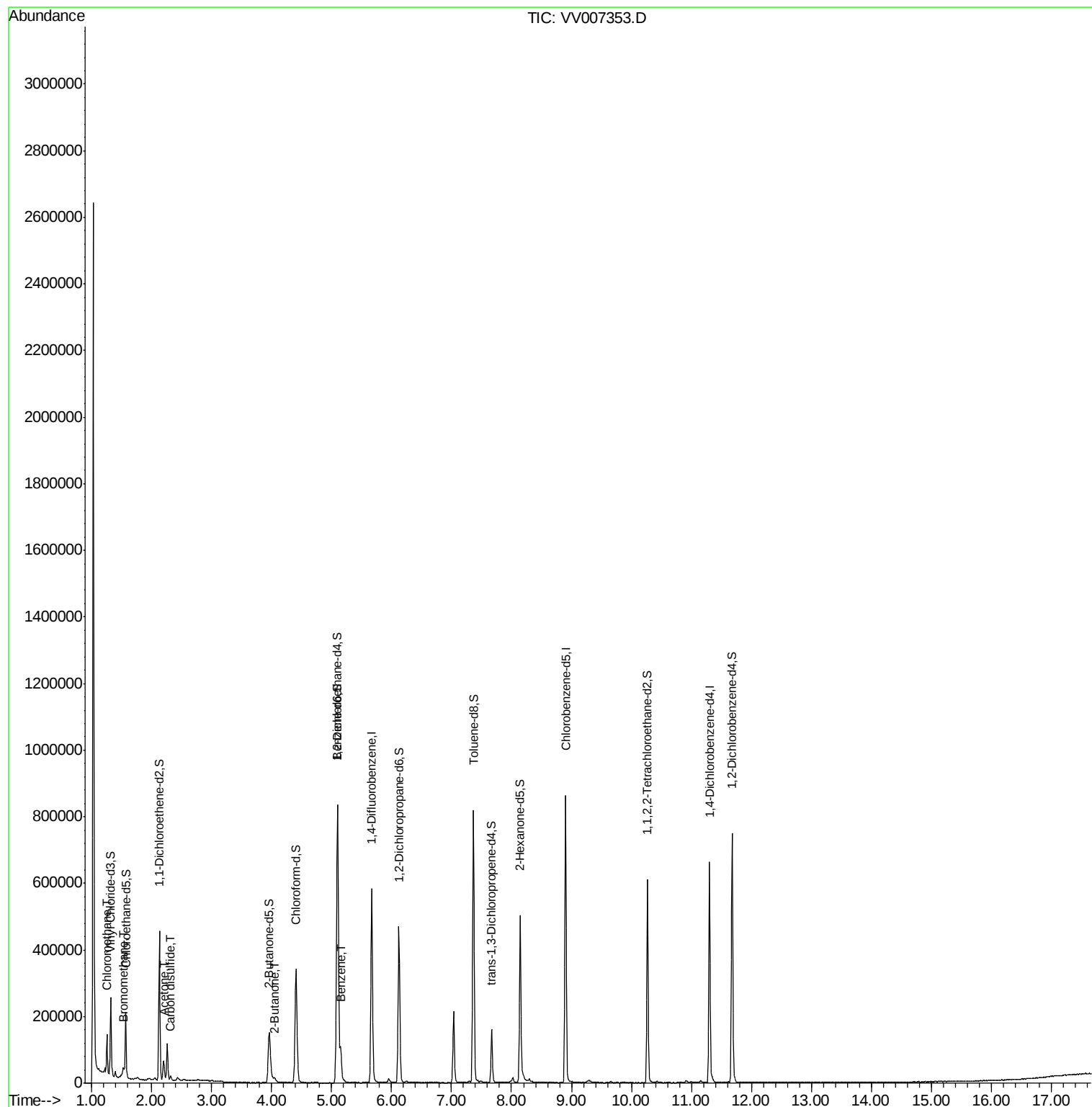
						Ovalue
3) Chloromethane	1.26	50	82251	19.27	ug/L	99
6) Bromomethane	1.53	94	6046	2.90	ug/L	98
13) Acetone	2.20	43	60430	34.46	ug/L	99
14) Carbon disulfide	2.32	76	12631	1.39	ug/L #	90
22) 2-Butanone	4.05	43	14459	4.92	ug/L	92
33) Benzene	5.15	78	99973	6.40	ug/L	100

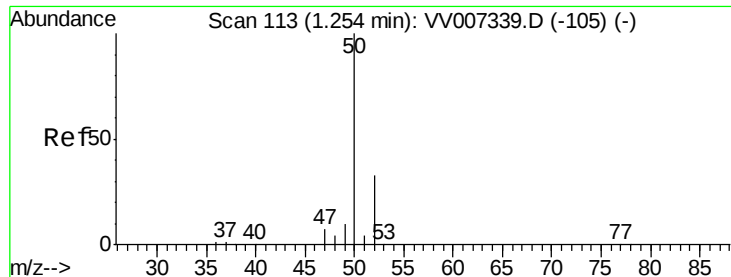
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 05 01:26:02 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 19.27 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV007353.D

Acq: 05 Sep 2018 02:10

Instrument :

MSVOA_V

ClientSampleId :

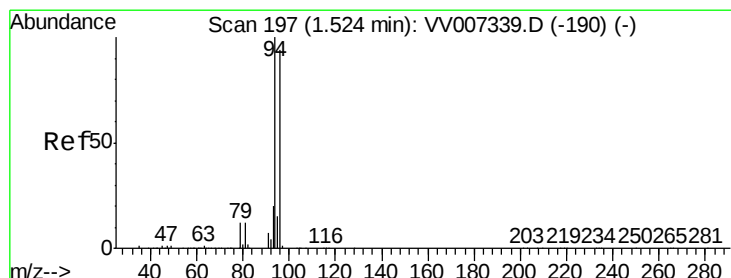
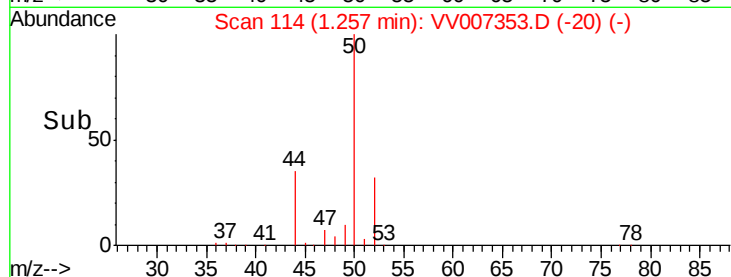
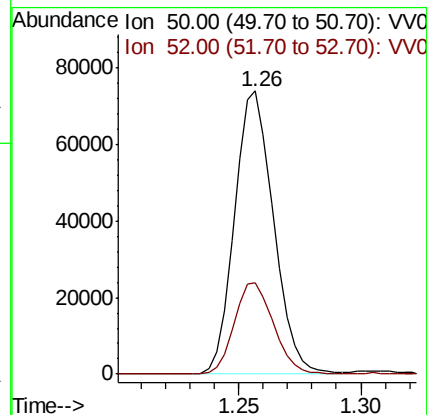
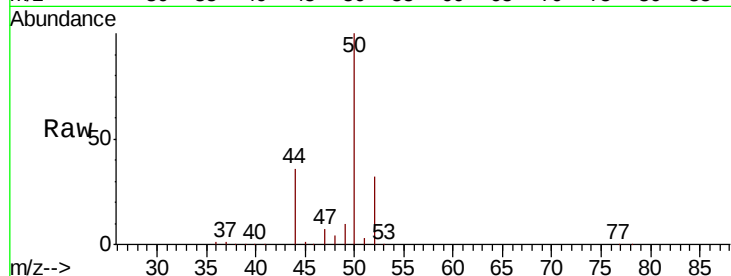
BEE51

Tot Ion: 50 Resp: 82251

Ion Ratio Lower Upper

50 100

52 32.4 23.2 43.2



#6

Bromomethane

Concen: 2.90 ug/L

RT: 1.53 min Scan# 198

Delta R.T. 0.00 min

Lab File: VV007353.D

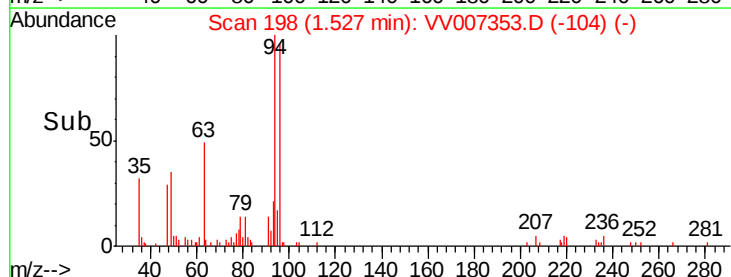
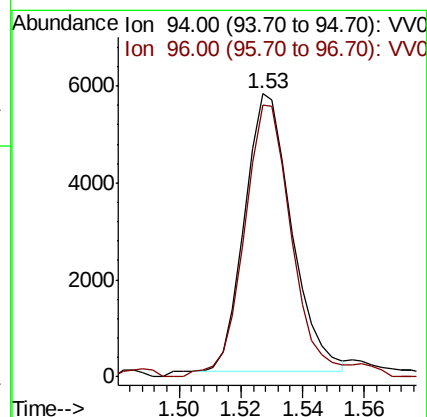
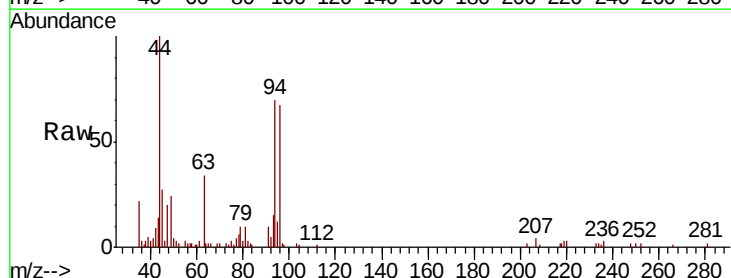
Acq: 05 Sep 2018 02:10

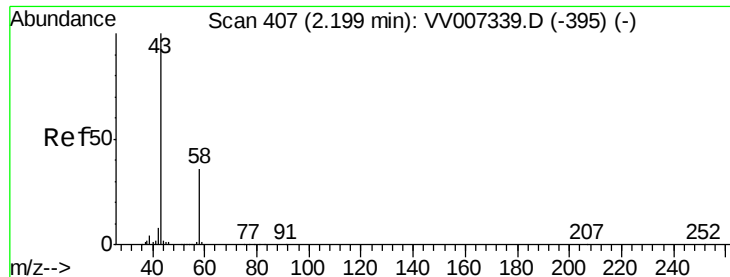
Tgt Ion: 94 Resp: 6046

Ion Ratio Lower Upper

94 100

96 96.0 65.9 122.5





#13

Acetone

Concen: 34.46 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.00 min

Lab File: VV007353.D

Acq: 05 Sep 2018 02:10

Instrument :

MSVOA_V

ClientSampleId :

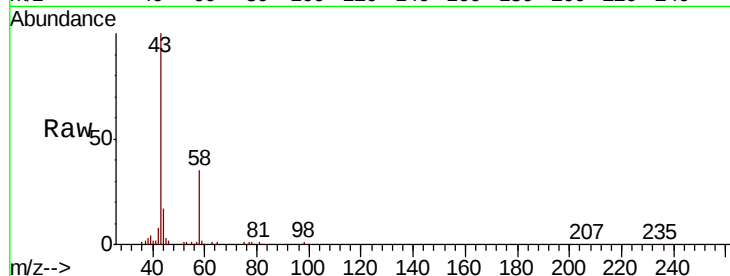
BEE51

Tot Ion: 43 Resp: 60430

Ion Ratio Lower Upper

43 100

58 36.4 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007339.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VV007339.D (-395) (-)

2.20

40000

30000

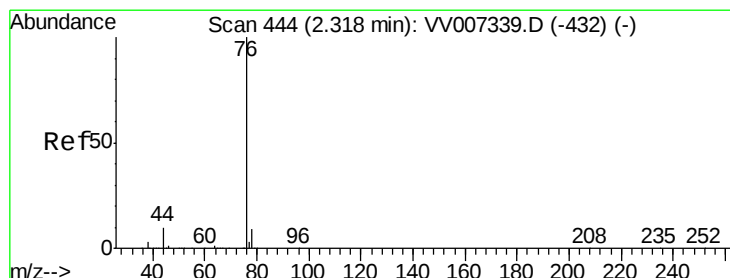
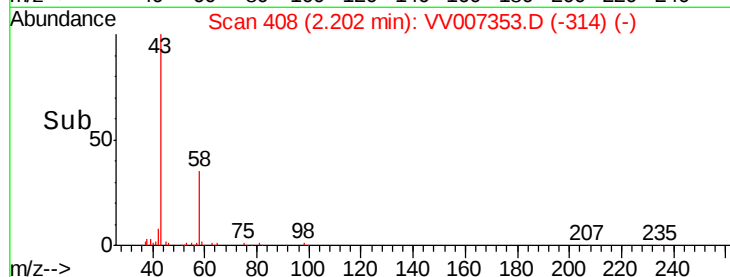
20000

10000

0

2.15 2.20 2.25 2.30

Time-->



#14

Carbon disulfide

Concen: 1.39 ug/L

RT: 2.32 min Scan# 444

Delta R.T. 0.00 min

Lab File: VV007353.D

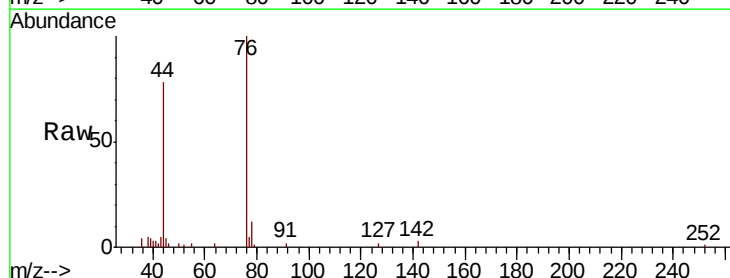
Acq: 05 Sep 2018 02:10

Tgt Ion: 76 Resp: 12631

Ion Ratio Lower Upper

76 100

78 12.5 7.1 10.7#



Abundance Ion 76.00 (75.70 to 76.70): VV007339.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV007339.D (-432) (-)

2.32

10000

8000

6000

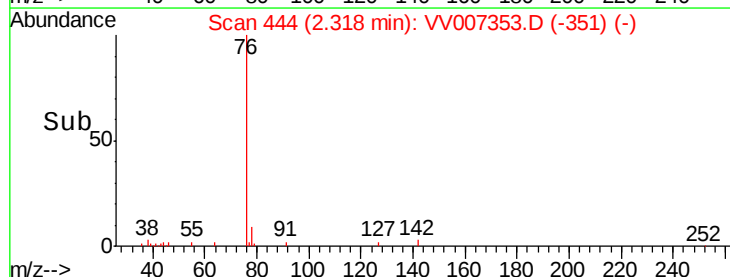
4000

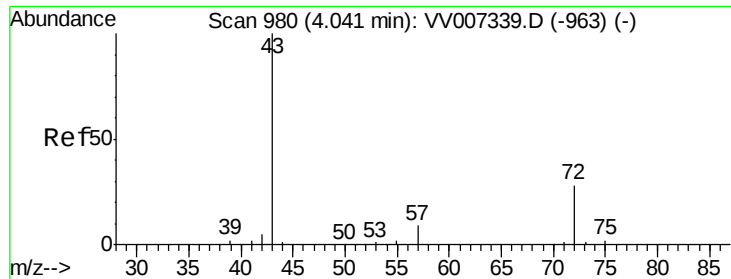
2000

0

2.30 2.35

Time-->





#22

2-Butanone

Concen: 4.92 ug/L

RT: 4.05 min Scan# 982

Delta R.T. 0.01 min

Lab File: VV007353.D

Acq: 05 Sep 2018 02:10

Instrument :

MSVOA_V

ClientSampleId :

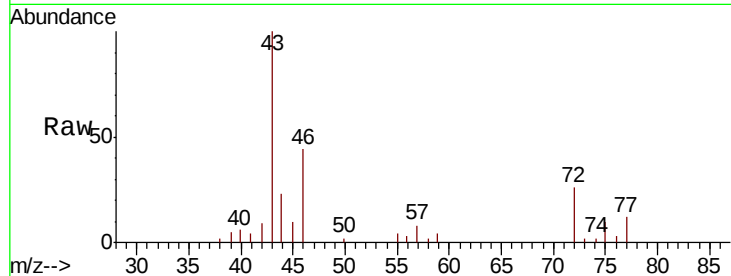
BEE51

Tot Ion: 43 Resp: 14459

Ion Ratio Lower Upper

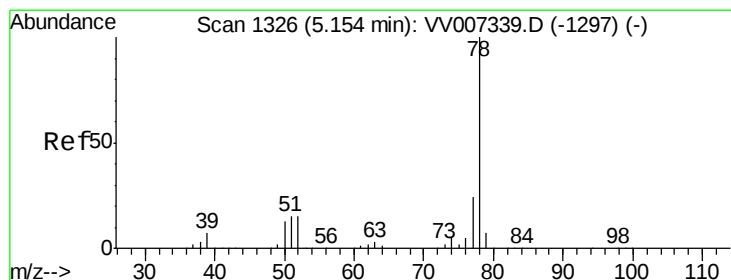
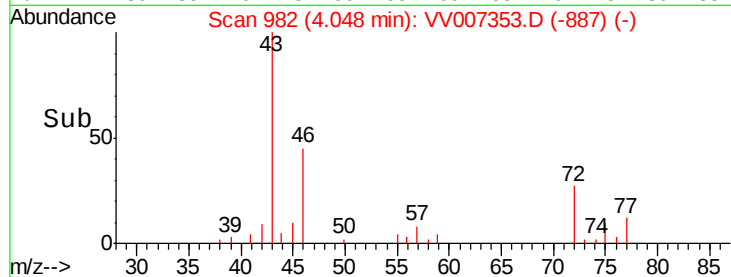
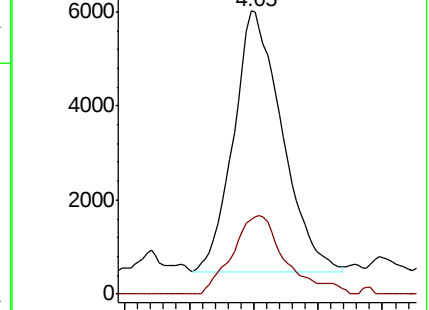
43 100

72 31.5 13.8 41.3



Abundance Ion 43.00 (42.70 to 43.70): VV007339.D (-963) (-)

Ion 72.00 (71.70 to 72.70): VV007339.D (-963) (-)



#33

Benzene

Concen: 6.40 ug/L

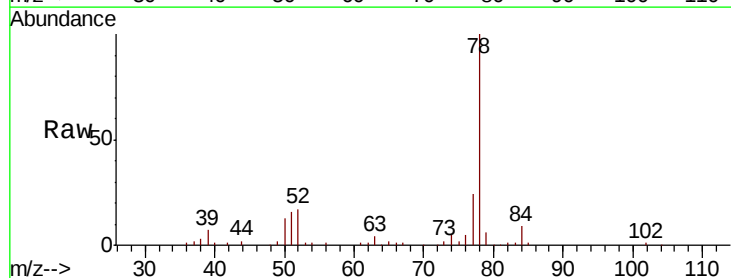
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV007353.D

Acq: 05 Sep 2018 02:10

Tgt Ion: 78 Resp: 99973



Abundance Ion 78.00 (77.70 to 78.70): VV007339.D (-1297) (-)

