

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013689.D
 Acq On : 20 Nov 2019 15:34
 Operator : SY/MD
 Sample : K5911-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQK9

Quant Time: Nov 21 01:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	337018	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	317986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	139176	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94744	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	94441	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.13	63	136868	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.92	46	334128	69.40	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.80%#
24) Chloroform-d	4.40	84	234226	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	125141	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.10	84	454687	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.11	67	145173	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.36	98	374239	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.66	79	47713	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.13	63	223449	58.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.16%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	109325	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	145365	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

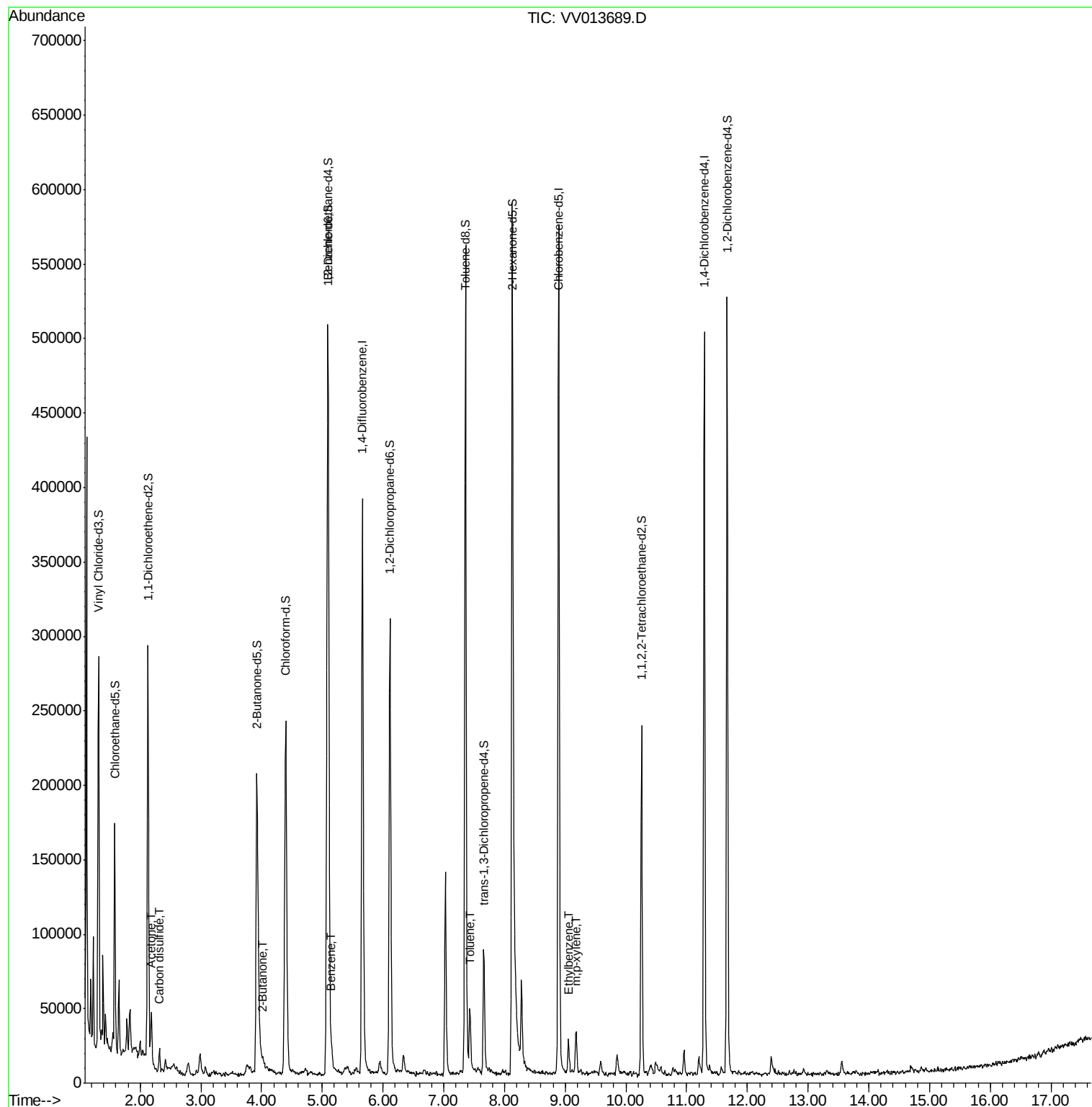
					Ovalue
13) Acetone	2.19	43	29071	9.571 ug/L #	40
14) Carbon disulfide	2.32	76	16529	0.238 ug/L	97
21) 2-Butanone	4.03	43	7200	1.413 ug/L	99
33) Benzene	5.15	78	12589	0.131 ug/L	100
42) Toluene	7.43	91	30201	0.294 ug/L	98
52) Ethylbenzene	9.05	91	15821	0.144 ug/L	91
53) m,p-xylene	9.18	106	8996	0.218 ug/L	99

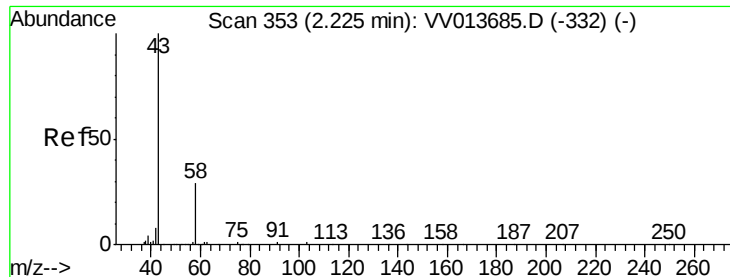
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.571 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV013689.D

Acq: 20 Nov 2019 15:34

Instrument :

MSVOA_V

ClientSampleId :

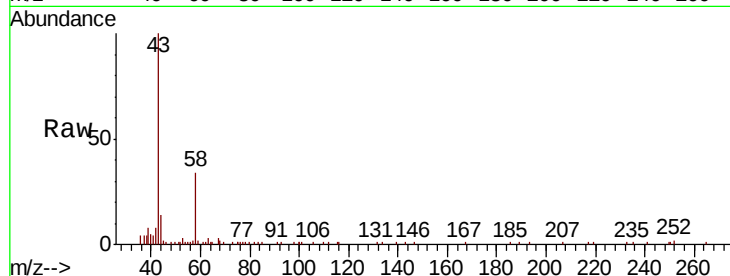
GAQK9

Tot Ion: 43 Resp: 29071

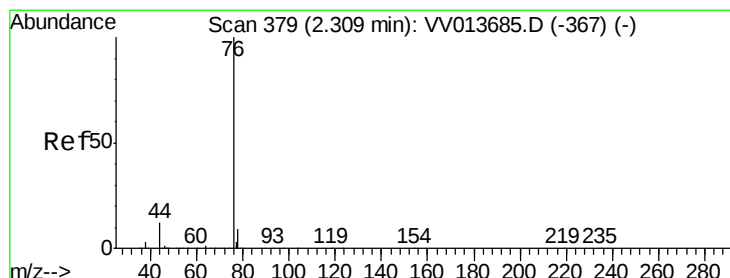
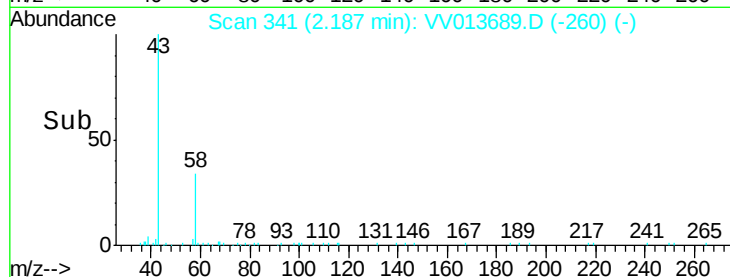
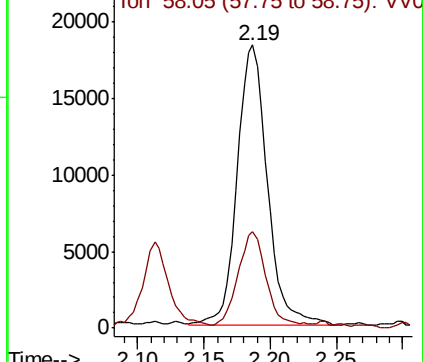
Ion Ratio Lower Upper

43 100

58 30.0 0.0 17.0#



Abundance Ion 43.05 (42.75 to 43.75): VV013689.D (-260) (-)



#14

Carbon disulfide

Concen: 0.238 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013689.D

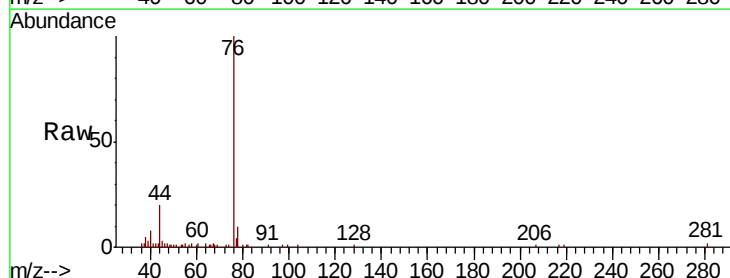
Acq: 20 Nov 2019 15:34

Tgt Ion: 76 Resp: 16529

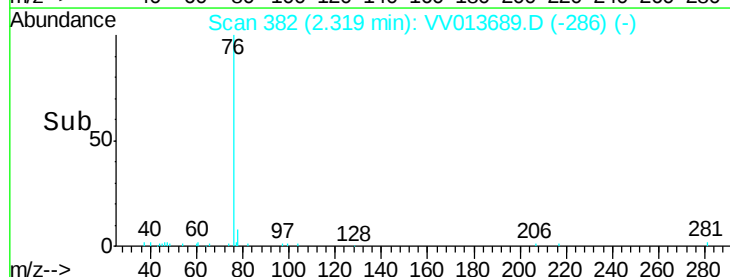
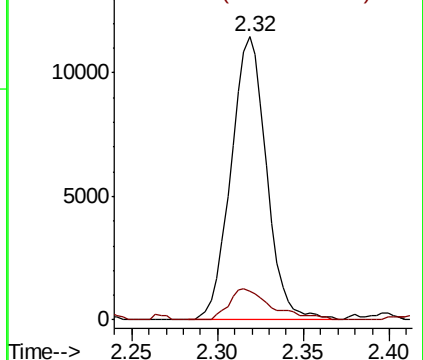
Ion Ratio Lower Upper

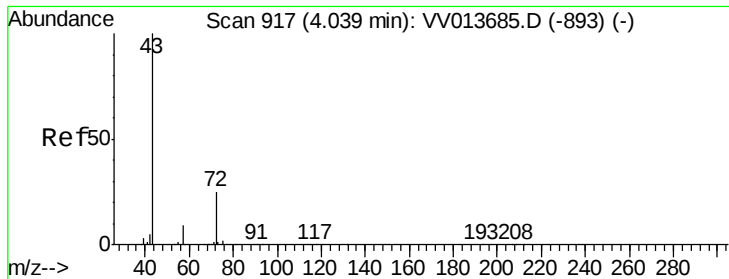
76 100

78 10.3 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VV013689.D (-286) (-)





#21

2-Butanone

Concen: 1.413 ug/L

RT: 4.03 min Scan# 915

Delta R.T. -0.01 min

Lab File: VV013689.D

Acq: 20 Nov 2019 15:34

Instrument :

MSVOA_V

ClientSampled :

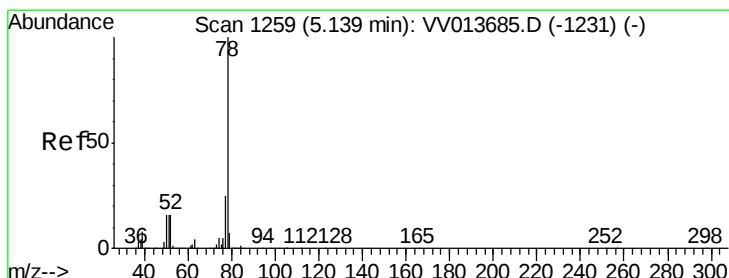
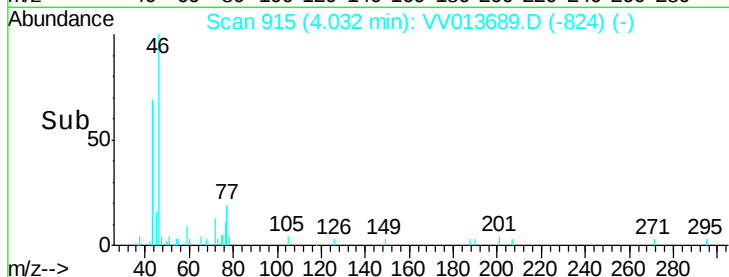
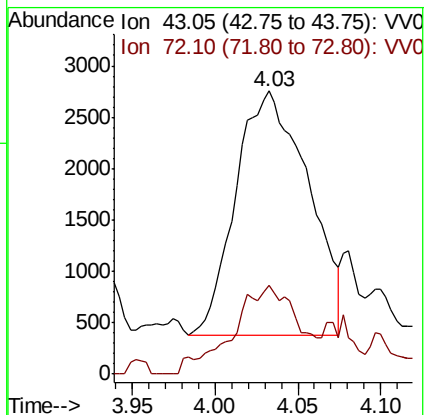
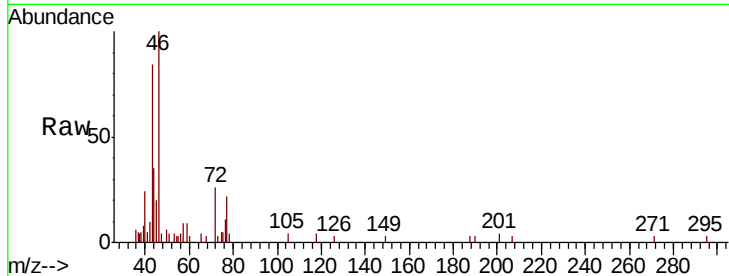
GAQK9

Tot Ion: 43 Resp: 7200

Ion Ratio Lower Upper

43 100

72 22.7 11.6 34.8



#33

Benzene

Concen: 0.131 ug/L

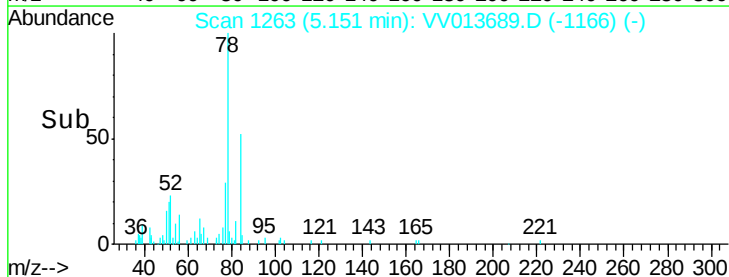
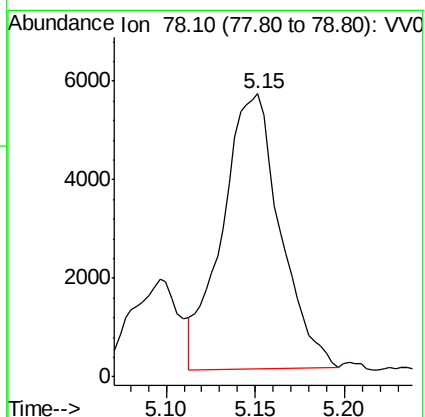
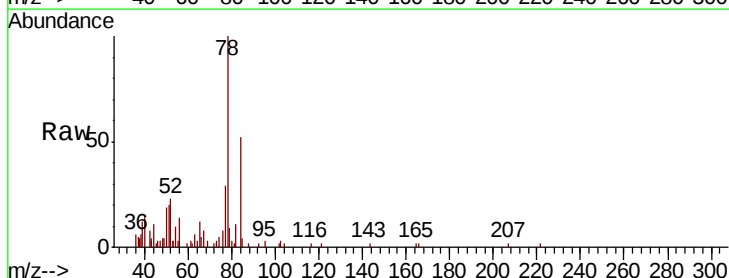
RT: 5.15 min Scan# 1263

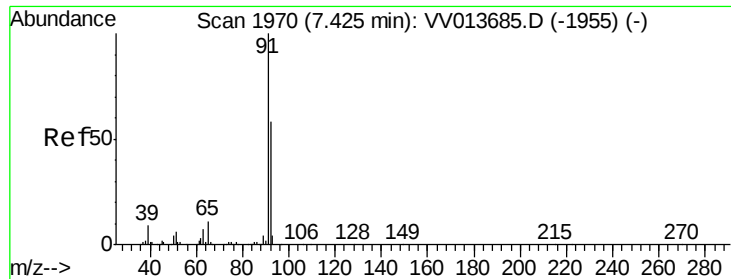
Delta R.T. 0.01 min

Lab File: VV013689.D

Acq: 20 Nov 2019 15:34

Tgt Ion: 78 Resp: 12589





#42

Toluene

Concen: 0.294 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013689.D

Acq: 20 Nov 2019 15:34

Instrument :

MSVOA_V

ClientSampleId :

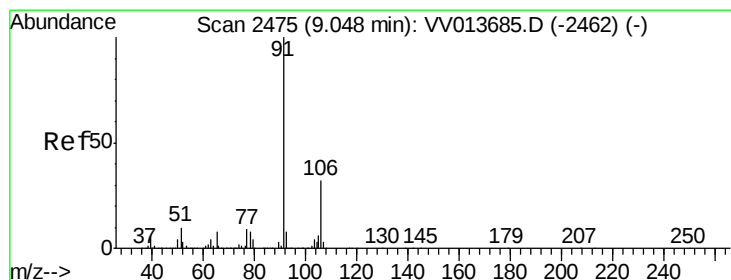
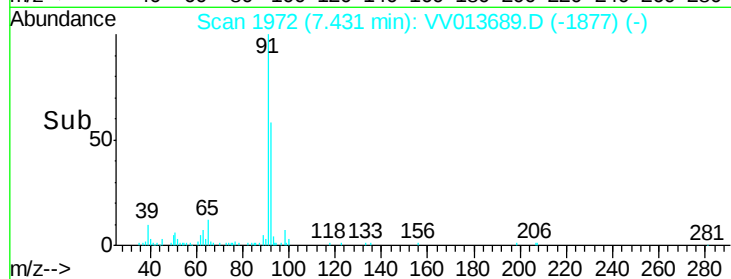
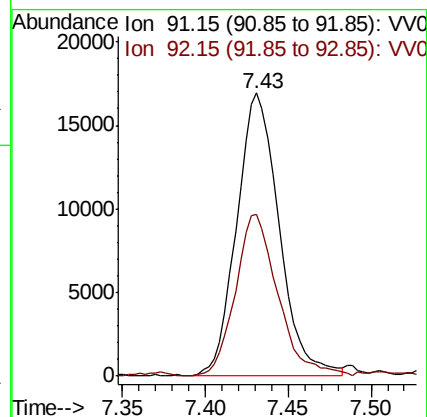
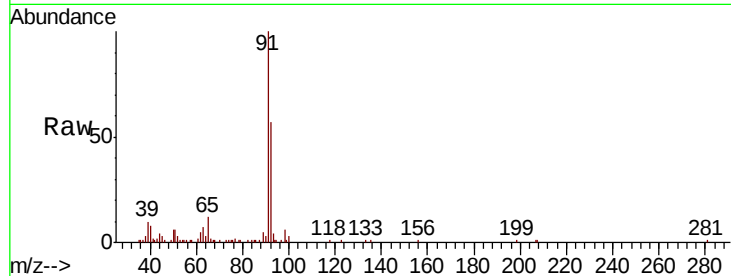
GAQK9

Tot Ion: 91 Resp: 30201

Ion Ratio Lower Upper

91 100

92 57.2 41.2 76.6



#52

Ethylbenzene

Concen: 0.144 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: VV013689.D

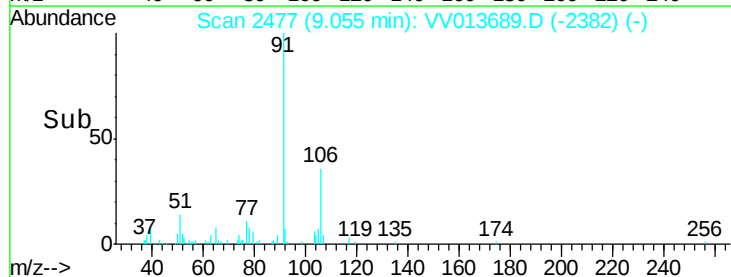
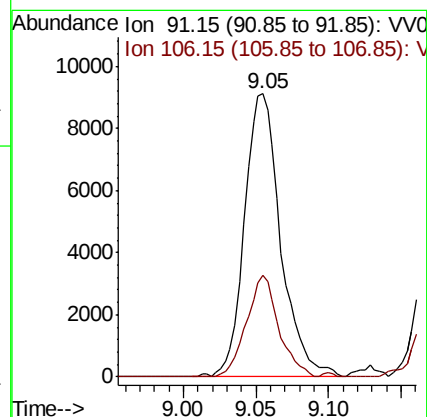
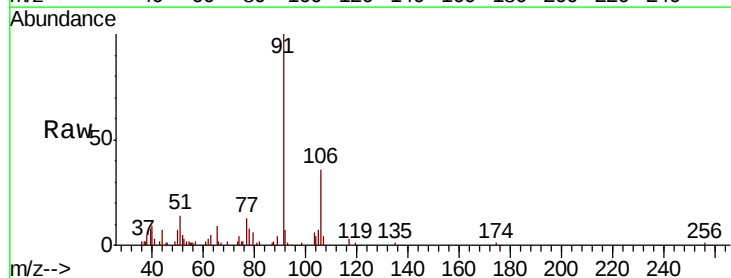
Acq: 20 Nov 2019 15:34

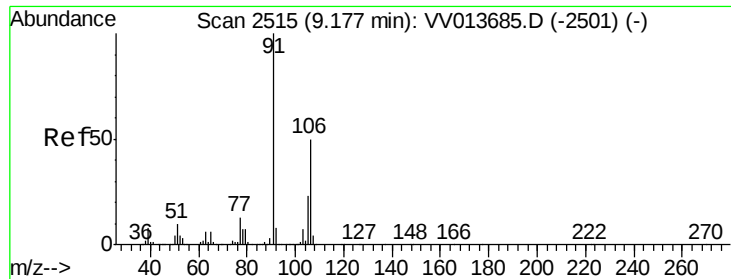
Tgt Ion: 91 Resp: 15821

Ion Ratio Lower Upper

91 100

106 35.7 21.7 40.3





#53

m,p-xylene

Concen: 0.218 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013689.D

Acq: 20 Nov 2019 15:34

Instrument :
MSVOA_V
ClientSampleId :
GAQK9

Tot Ion:106 Resp: 8996

Ion Ratio Lower Upper

106 100

91 195.3 138.1 256.5

