

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008675.D
 Acq On : 20 Nov 2018 15:53
 Operator : SY/MD
 Sample : J5997-06 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA4

Quant Time: Nov 21 01:36:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	300640	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	265728	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116789	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87195	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.22%
7) Chloroethane-d5	1.56	69	38580	33.30	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.60%#
11) 1,1-Dichloroethene-d2	2.13	63	115063	32.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.74%
21) 2-Butanone-d5	3.94	46	145063	83.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	4.40	84	176171	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.02%
26) 1,2-Dichloroethane-d4	5.08	65	119544	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
32) Benzene-d6	5.10	84	378573	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	119055	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.36	98	332736	44.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.70%
43) trans-1,3-Dichloropropene-	7.67	79	45730	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
47) 2-Hexanone-d5	8.14	63	102127	87.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.41%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142628	40.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	113666	44.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.18%

Target Compounds

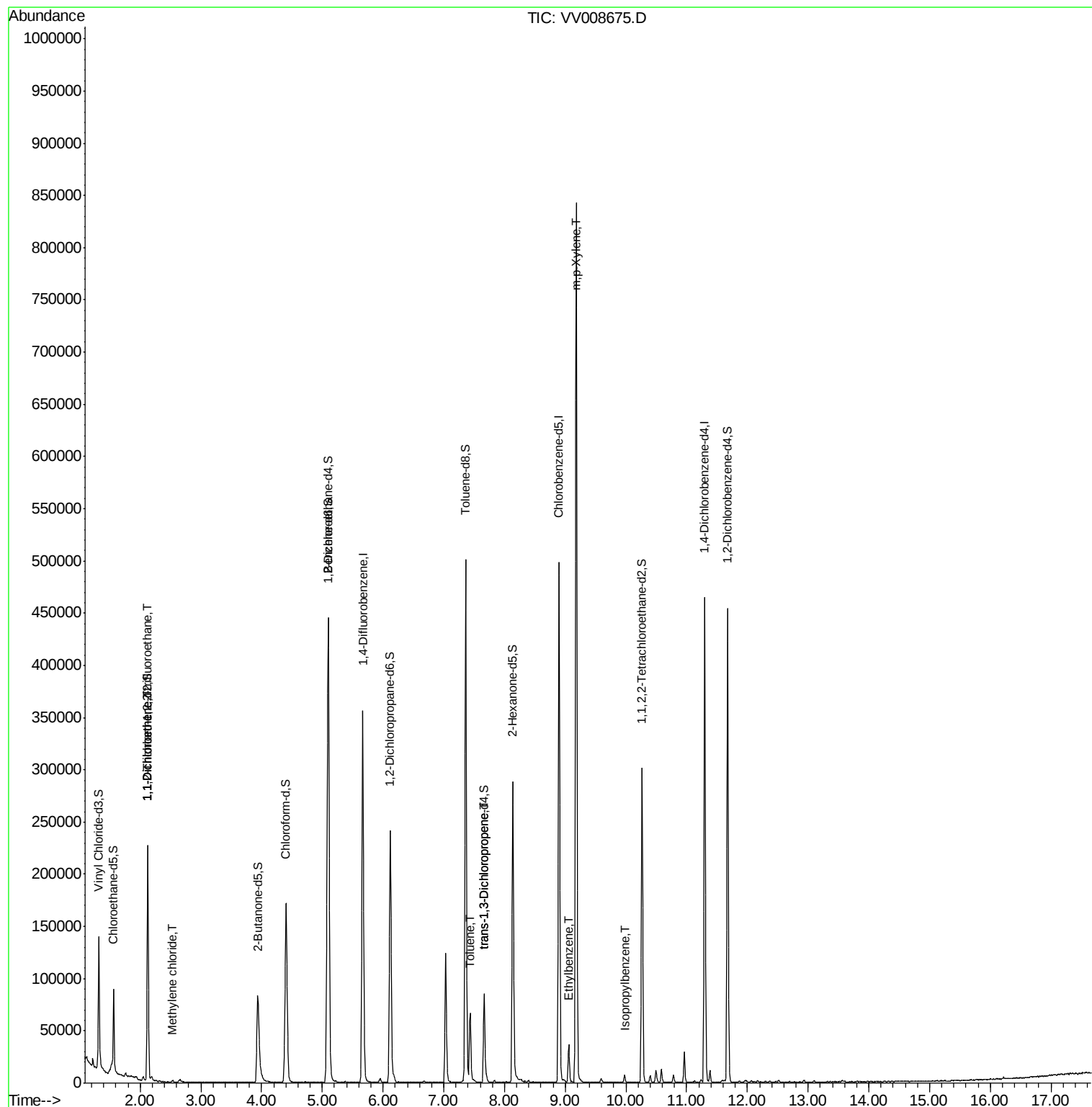
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1009	0.593 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1038	0.680 ug/L #	1
16) Methylene chloride	2.53	84	855	0.362 ug/L	73
42) Toluene	7.43	91	48597	5.470 ug/L	95
44) trans-1,3-Dichloropropene	7.67	75	2150	0.721 ug/L	92
52) Ethylbenzene	9.06	91	25720	2.639 ug/L	97
53) m,p-Xylene	9.18	106	229259	64.005 ug/L	93
56) Isopropylbenzene	9.98	105	4918	0.525 ug/L	98

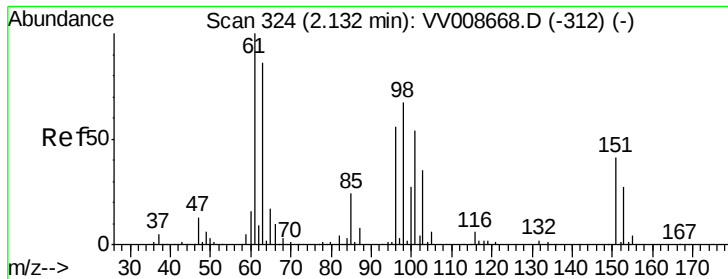
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 21 01:36:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.593 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008675.D

Acq: 20 Nov 2018 15:53

Instrument :

MSVOA_V

ClientSampleId :

E3YA4

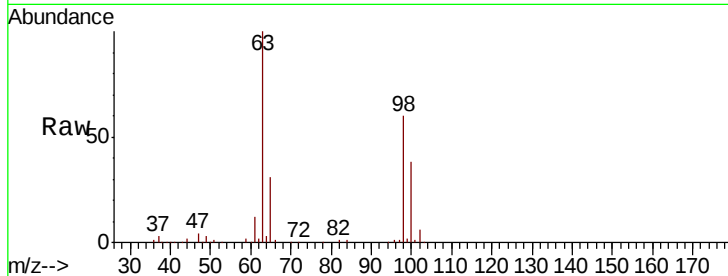
Tgt Ion:101 Resp: 1009

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

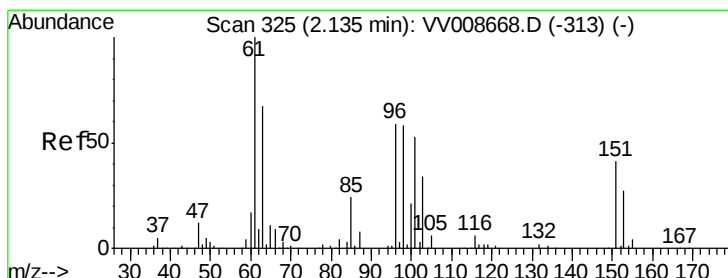
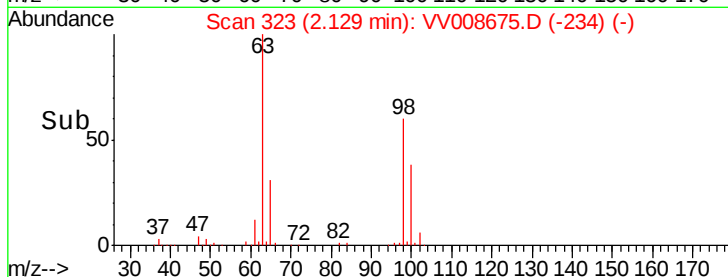
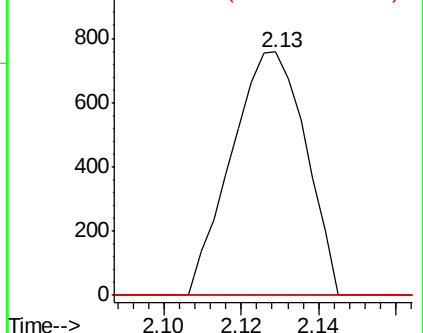
151 0.0 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.680 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV008675.D

Acq: 20 Nov 2018 15:53

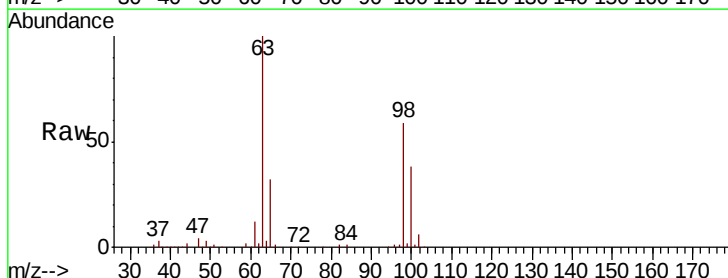
Tgt Ion: 96 Resp: 1038

Ion Ratio Lower Upper

96 100

61 1478.4 120.3 223.3#

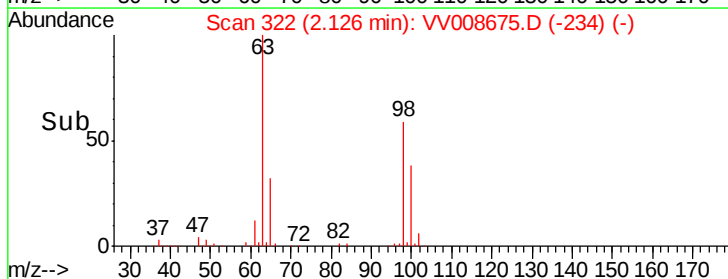
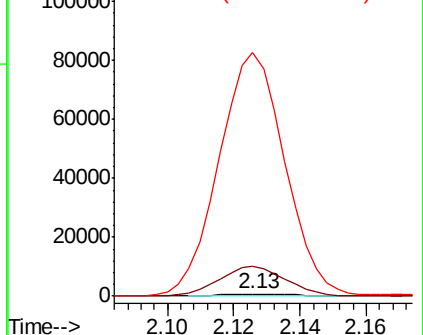
63 12070.1 113.3 210.5#

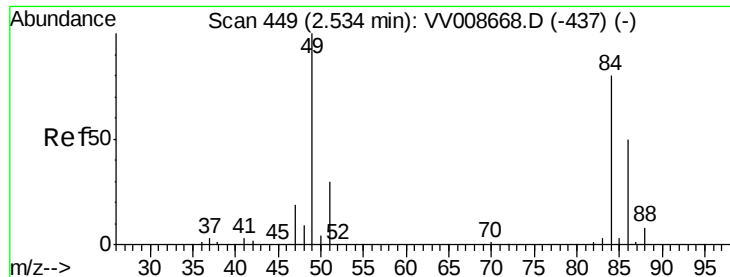


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

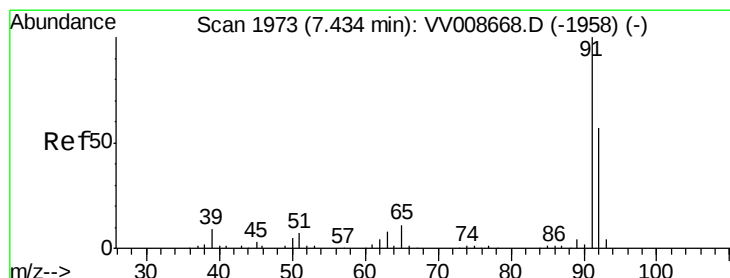
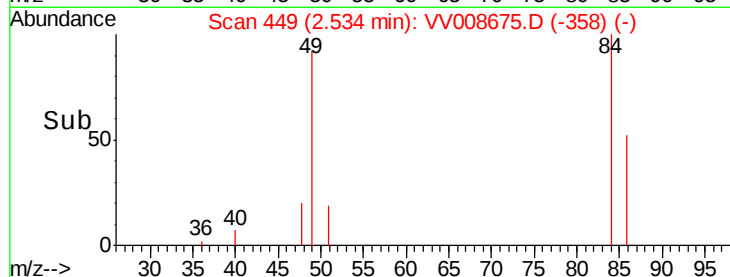
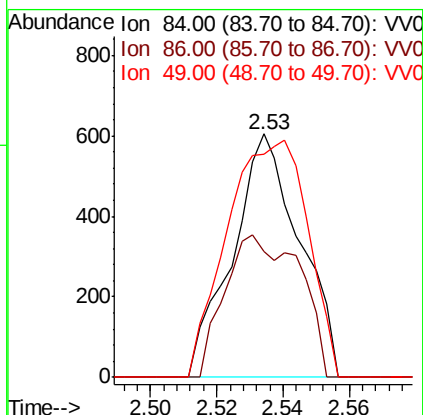
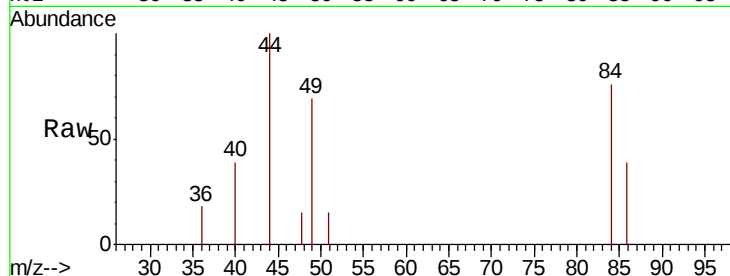




#16
Methylene chloride
Concen: 0.362 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.01 min
Lab File: VV008675.D
Acq: 20 Nov 2018 15:53

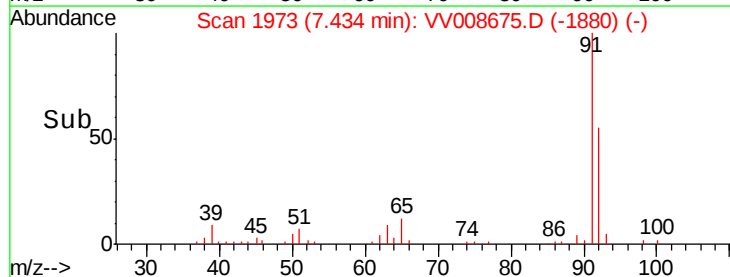
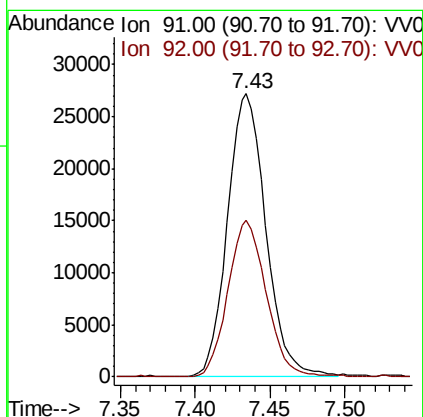
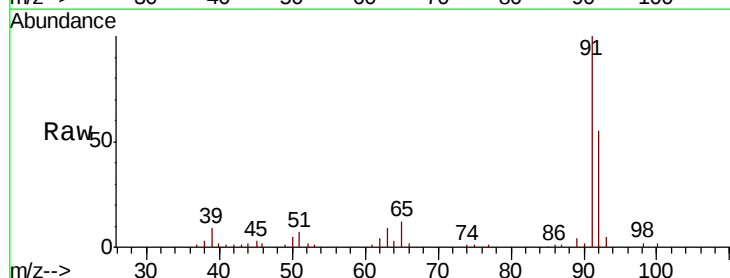
Instrument :
MSVOA_V
ClientSampled :
E3YA4

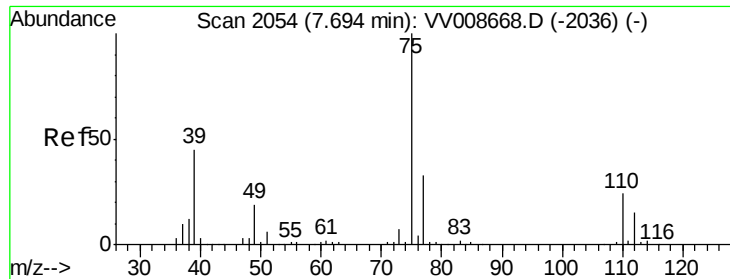
Tgt Ion: 84 Resp: 855
Ion Ratio Lower Upper
84 100
86 51.9 50.6 94.0
49 91.6 86.5 160.7



#42
Toluene
Concen: 5.470 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008675.D
Acq: 20 Nov 2018 15:53

Tgt Ion: 91 Resp: 48597
Ion Ratio Lower Upper
91 100
92 55.4 41.6 77.2





#44

trans-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008675.D

Acq: 20 Nov 2018 15:53

Instrument :

MSVOA_V

ClientSampled :

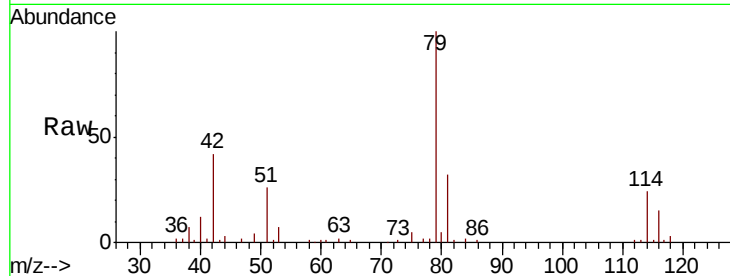
E3YA4

Tgt Ion: 75 Resp: 2150

Ion Ratio Lower Upper

75 100

77 39.7 24.6 45.8



Abundance Ion 75.00 (74.70 to 75.70): VV008668.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008668.D (-2036) (-)

7.67

1500

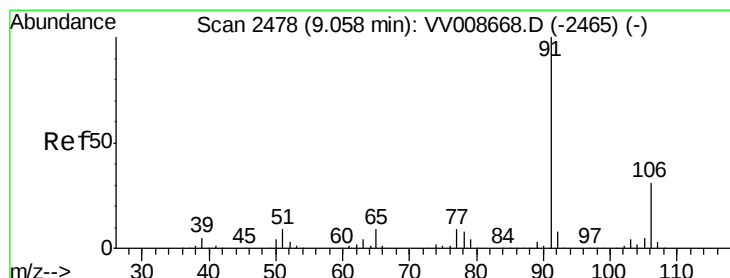
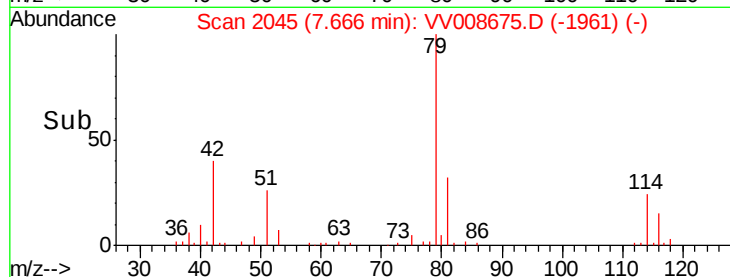
1000

500

0

7.65 7.70

Time-->



#52

Ethylbenzene

Concen: 2.639 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008675.D

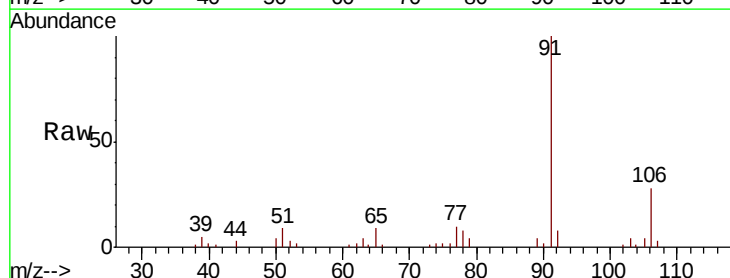
Acq: 20 Nov 2018 15:53

Tgt Ion: 91 Resp: 25720

Ion Ratio Lower Upper

91 100

106 28.5 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV008668.D (-2465) (-)

Ion 106.00 (105.70 to 106.70): VV008668.D (-2465) (-)

9.06

50000

40000

30000

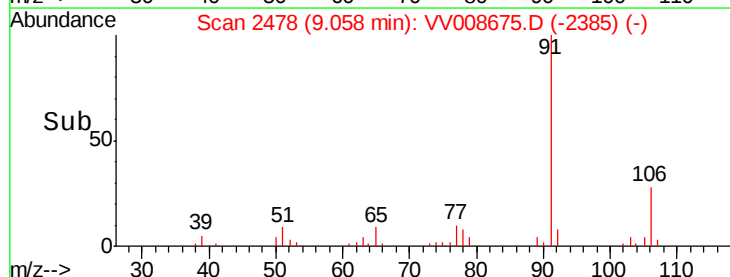
20000

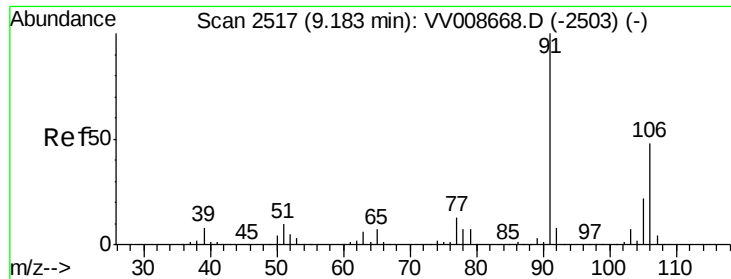
10000

0

9.00 9.05 9.10

Time-->

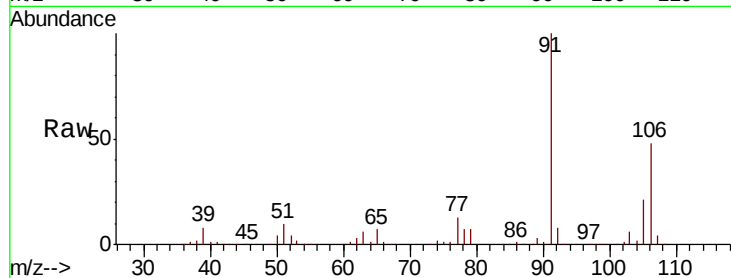




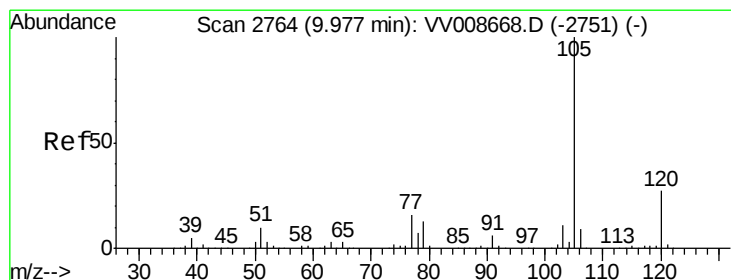
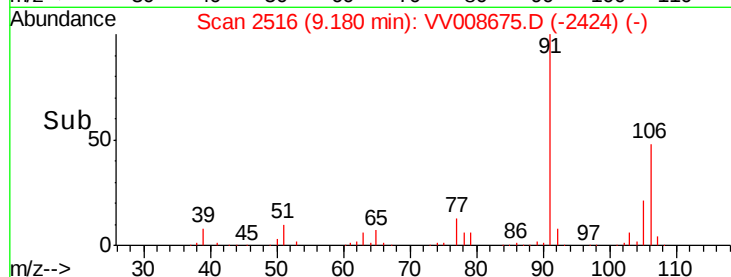
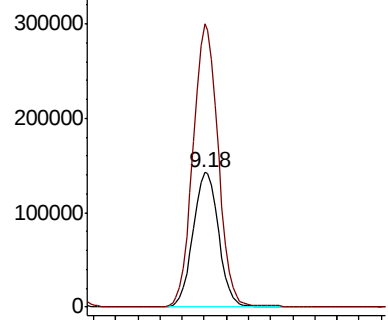
#53
m,p-Xylene
Concen: 64.005 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV008675.D
Acq: 20 Nov 2018 15:53

Instrument :
MSVOA_V
ClientSampleId :
E3YA4

Tgt Ion:106 Resp: 229259
Ion Ratio Lower Upper
106 100
91 210.2 154.7 287.3

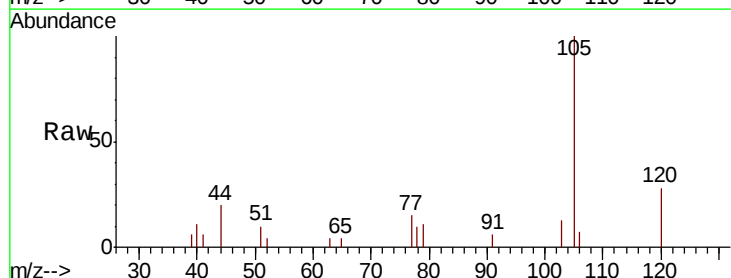


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#56
Isopropylbenzene
Concen: 0.525 ug/L
RT: 9.98 min Scan# 2765
Delta R.T. 0.00 min
Lab File: VV008675.D
Acq: 20 Nov 2018 15:53

Tgt Ion:105 Resp: 4918
Ion Ratio Lower Upper
105 100
120 26.9 20.5 30.7
77 16.5 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VV0

