

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
 Data File : VV012532.D
 Acq On : 02 Sep 2019 16:35
 Operator : SY/MD
 Sample : K4607-08 50X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD64

Quant Time: Sep 03 06:56:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 05:44:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142592	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146834	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67600	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65390	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.59	69	66876	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	110363	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.93	46	132163	50.08	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.16%
24) Chloroform-d	4.40	84	104130	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	58606	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	201913	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	65114	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	176368	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	21235	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.13	63	86925	48.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45198	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	67543	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

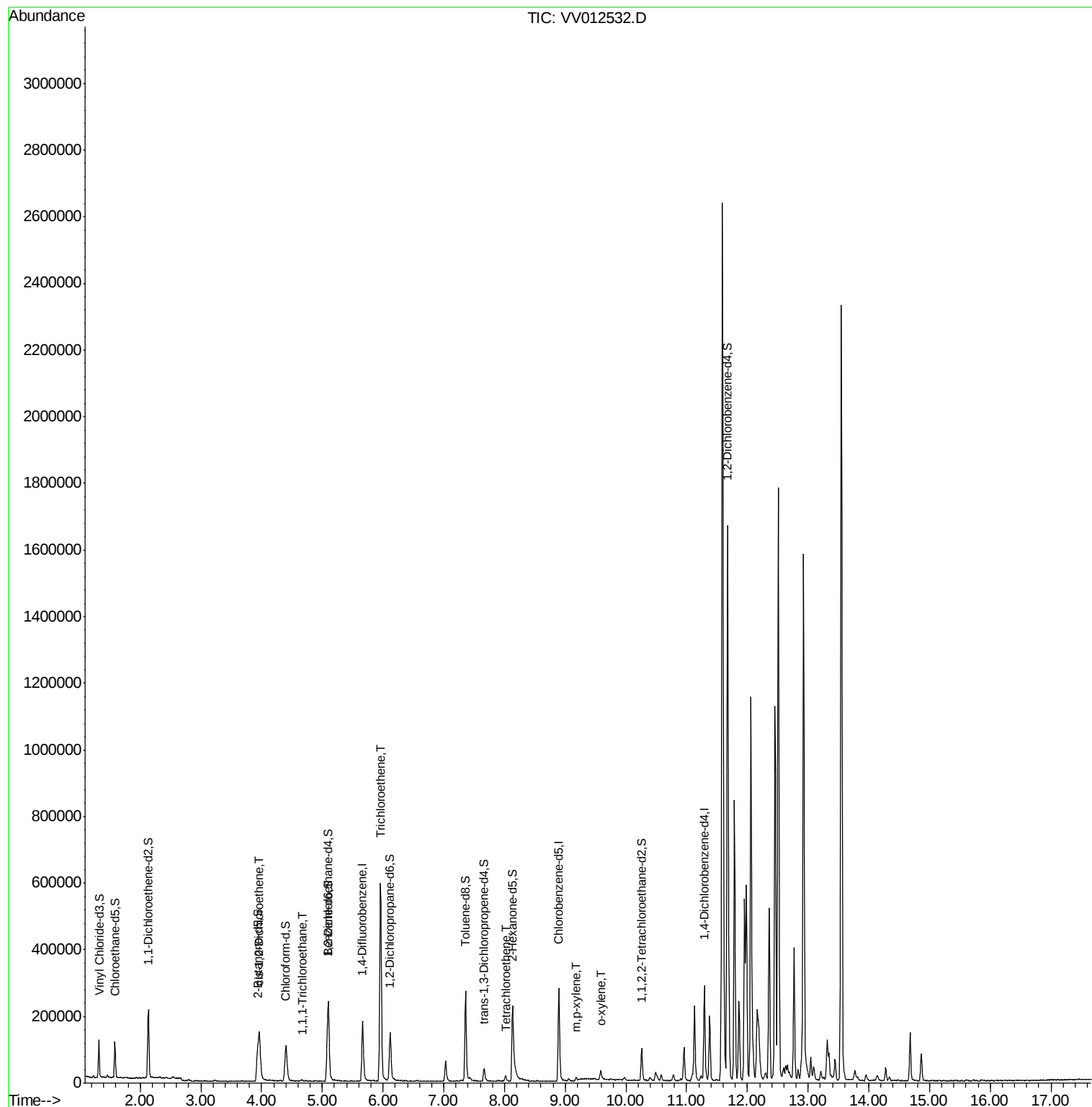
					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	66134	4.339 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	2999	0.123 ug/L #	56
34) Trichloroethene	5.96	95	195047	11.676 ug/L	99
47) Tetrachloroethene	8.02	164	3437	0.285 ug/L	90
53) m,p-xylene	9.18	106	2984	0.115 ug/L	89
54) o-xylene	9.58	106	6546	0.268 ug/L	83

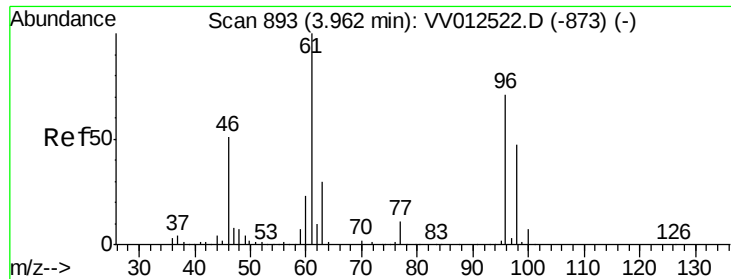
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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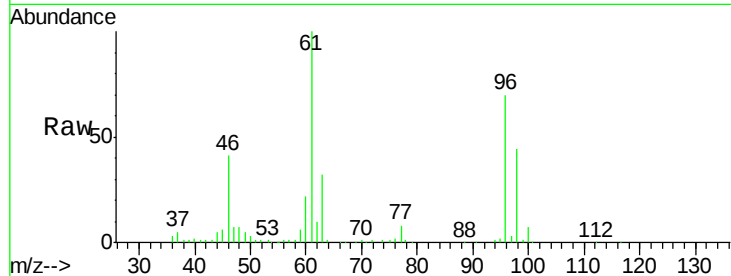


#22

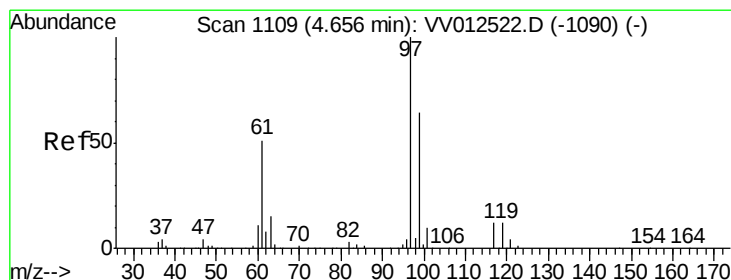
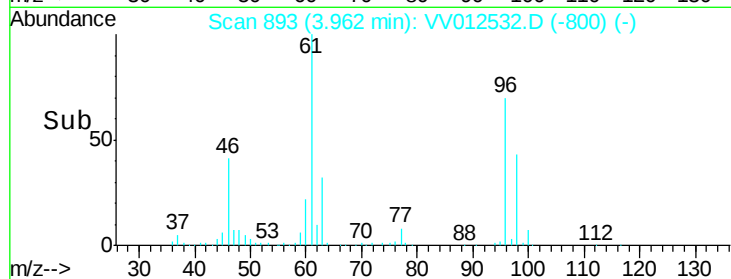
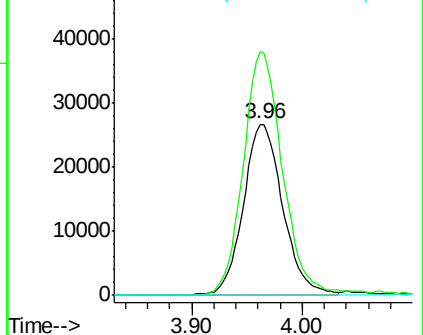
cis-1,2-Dichloroethene
 Concen: 4.339 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012532.D
 Acq: 02 Sep 2019 16:35

Instrument :
 MSVOA_V
 ClientSampled :
 BFD64

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	97.5	181.1
68	0.0	0.0	0.0



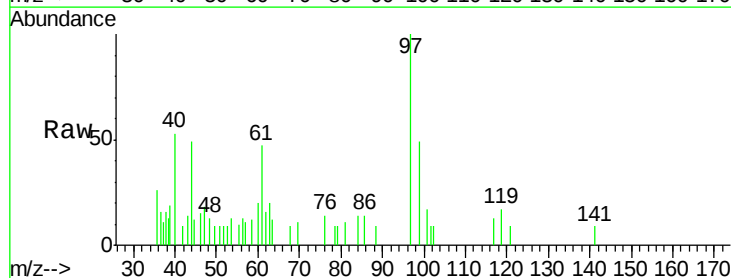
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



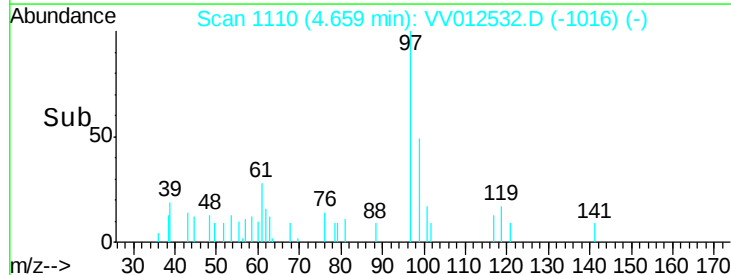
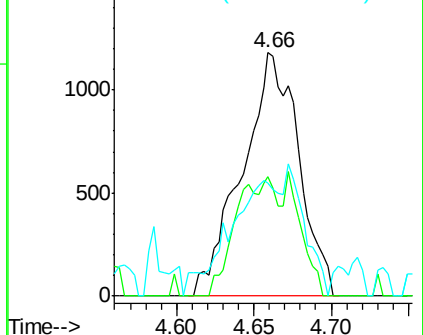
#29

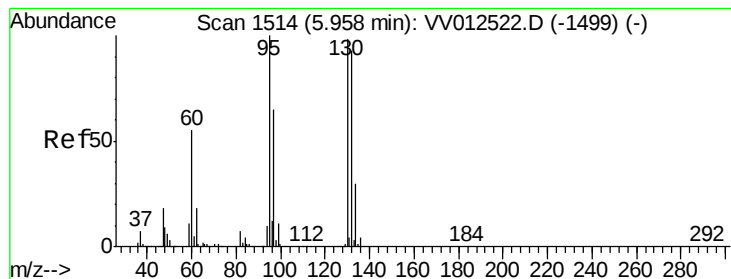
1,1,1-Trichloroethane
 Concen: 0.123 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VV012532.D
 Acq: 02 Sep 2019 16:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	13.4	52.6	79.0#
61	41.0	43.4	65.2#



Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 11.676 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012532.D

Acq: 02 Sep 2019 16:35

Instrument :

MSVOA_V

ClientSampleId :

BFD64

Tot Ion: 95 Resp: 195047

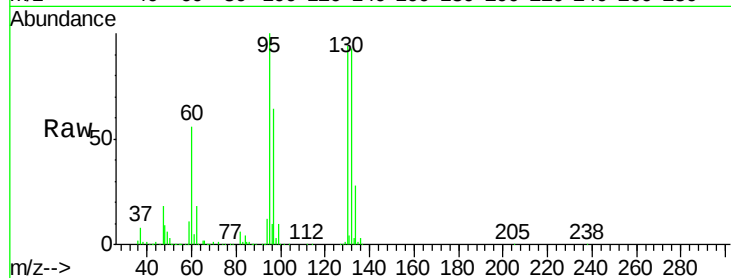
Ion Ratio Lower Upper

95 100

97 63.6 44.7 83.1

132 92.7 63.8 118.4

130 94.2 66.6 123.6

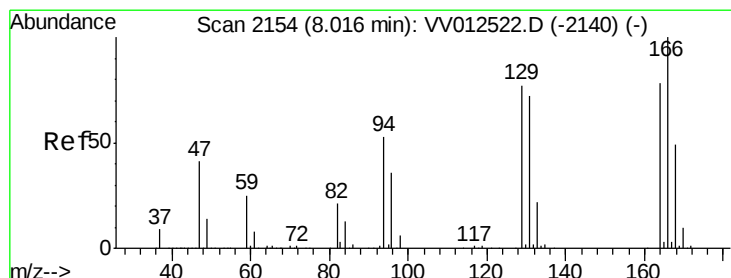
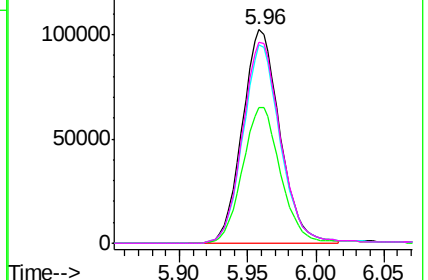
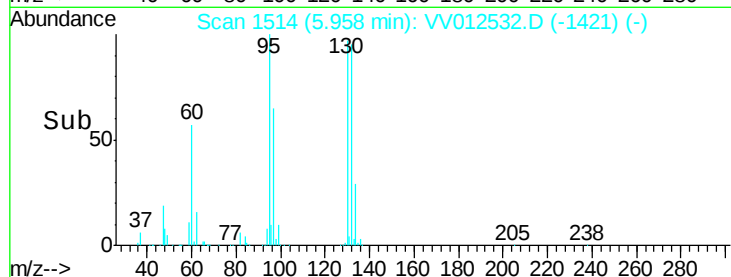


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.285 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012532.D

Acq: 02 Sep 2019 16:35

Tgt Ion: 164 Resp: 3437

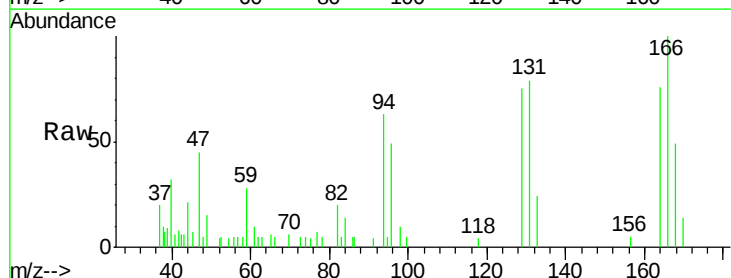
Ion Ratio Lower Upper

164 100

129 98.6 64.5 119.9

131 104.6 62.3 115.7

166 132.3 86.5 160.6

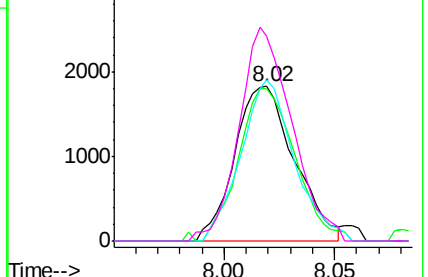
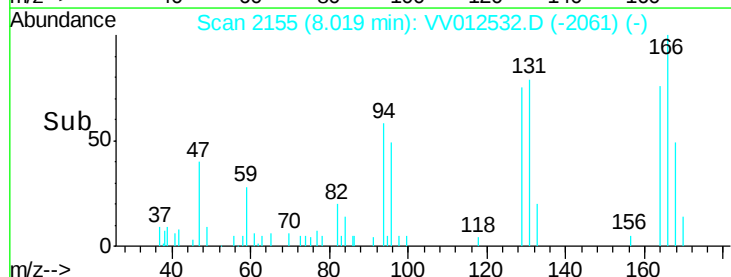


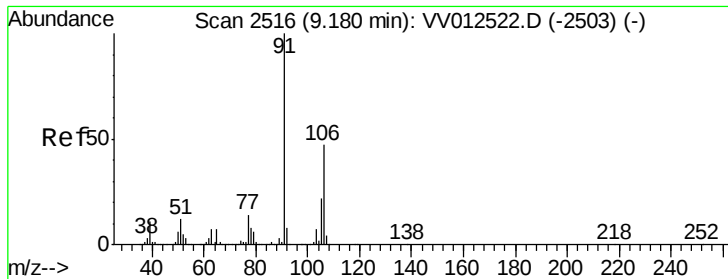
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#53

m,p-xylene

Concen: 0.115 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012532.D

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MSVOA_V

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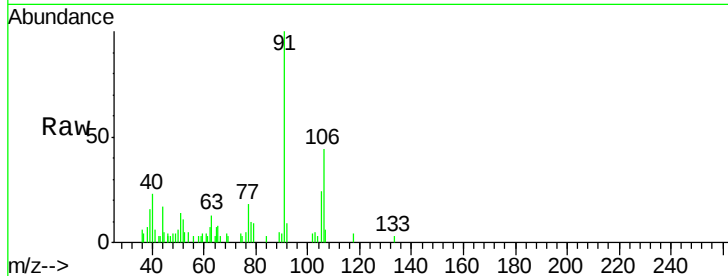
BFD64

Tot Ion:106 Resp: 2984

Ion Ratio Lower Upper

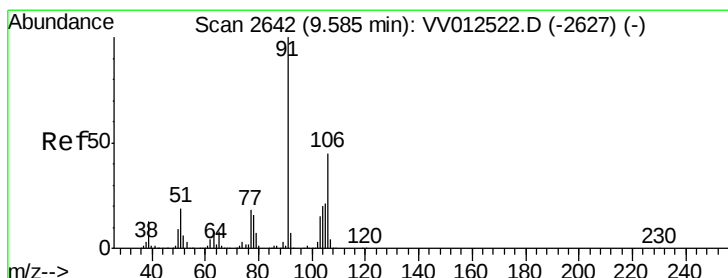
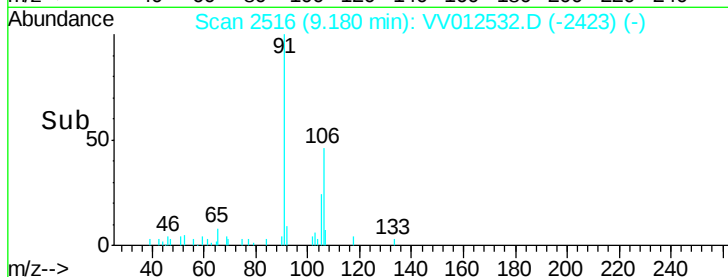
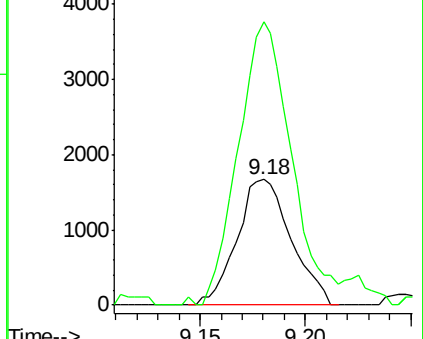
106 100

91 225.1 145.8 270.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.268 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV012532.D

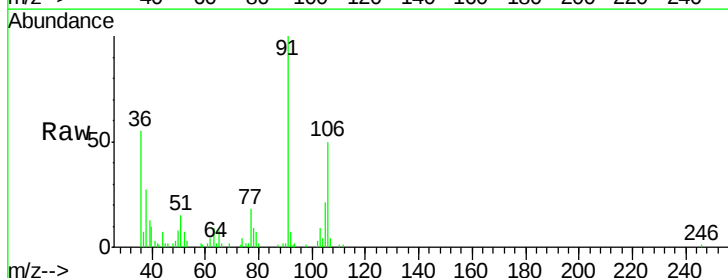
Acq: 02 Sep 2019 16:35

Tgt Ion:106 Resp: 6546

Ion Ratio Lower Upper

106 100

91 199.2 159.5 296.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

