

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013876.D
 Acq On : 02 Dec 2019 17:12
 Operator : SY/MD
 Sample : K6028-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA7

Quant Time: Dec 03 04:16:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	675450	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	625993	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	328701	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	175473	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.84%
7) Chloroethane-d5	1.57	69	187569	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	295100	34.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.32%
21) 2-Butanone-d5	3.92	46	310173	112.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.81%
24) Chloroform-d	4.40	84	392640	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.07	65	248507	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
32) Benzene-d6	5.09	84	814949	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
36) 1,2-Dichloropropane-d6	6.11	67	265865	54.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.20%
41) Toluene-d8	7.35	98	733847	49.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.26%
43) trans-1,3-Dichloropropene-	7.66	79	120912	51.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.06%
47) 2-Hexanone-d5	8.12	63	210874	115.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.99%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	335059	47.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.04%
64) 1,2-Dichlorobenzene-d4	11.67	152	325616	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%

Target Compounds

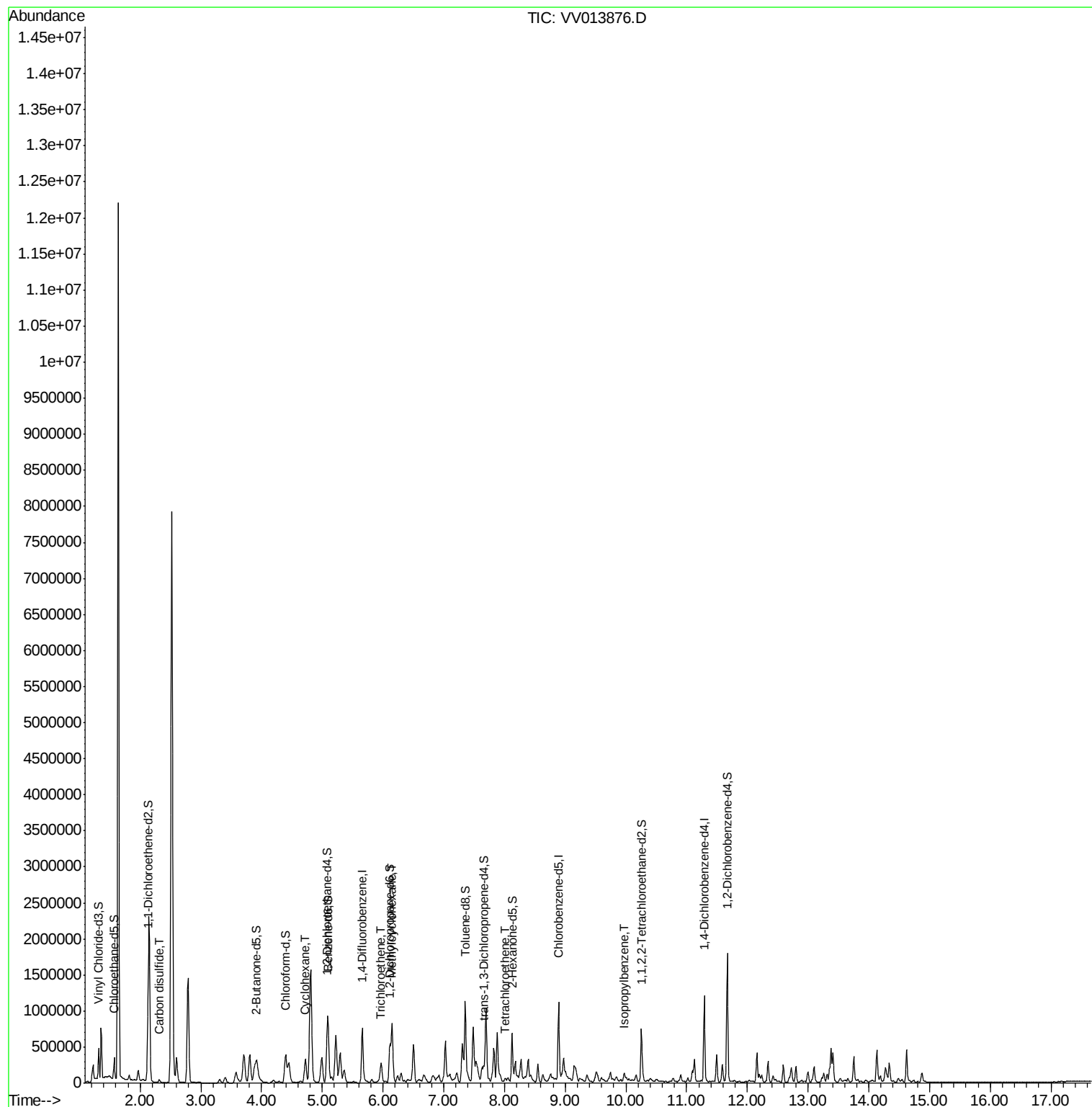
					Ovalue
14) Carbon disulfide	2.32	76	58836	4.547	ug/L 100
29) Cyclohexane	4.72	56	176568	24.142	ug/L 98
34) Trichloroethene	5.96	95	31226	6.245	ug/L 93
35) Methylcyclohexane	6.15	83	134617	17.944	ug/L # 14
46) Tetrachloroethene	8.02	164	9333	2.069	ug/L 94
56) Isopropylbenzene	9.97	105	55065	2.555	ug/L 97

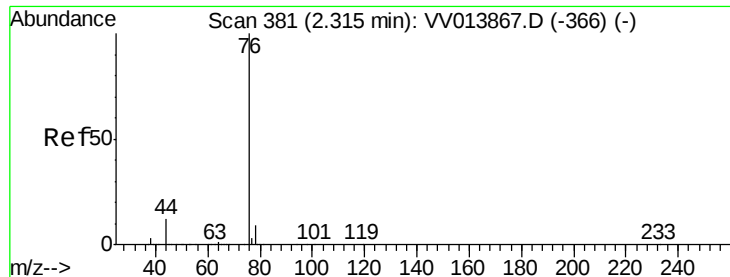
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 4.547 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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Acq: 02 Dec 2019 17:12

Instrument :

MSVOA_V

ClientSampleId :

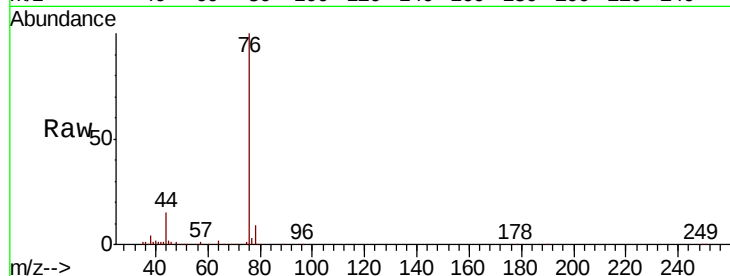
H0AA7

Tot Ion: 76 Resp: 58836

Ion Ratio Lower Upper

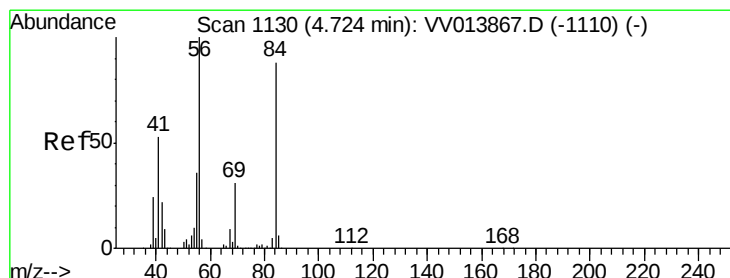
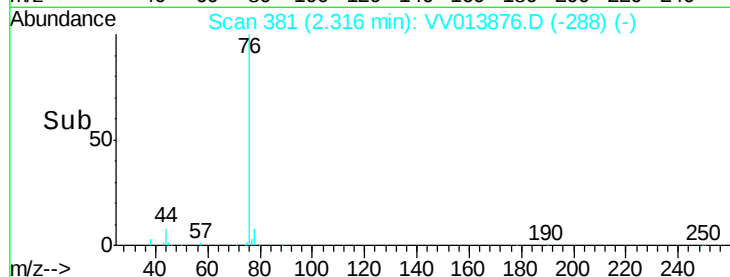
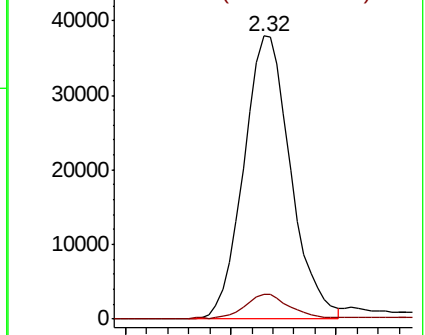
76 100

78 8.9 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#29

Cyclohexane

Concen: 24.142 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV013876.D

Acq: 02 Dec 2019 17:12

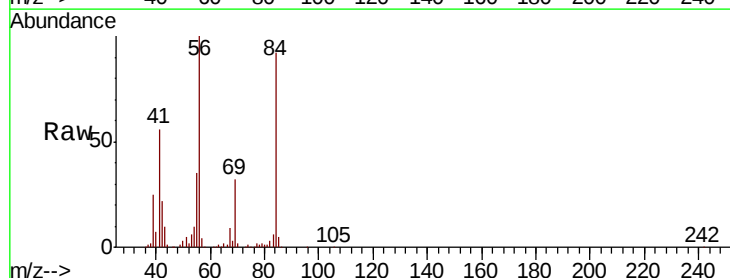
Tgt Ion: 56 Resp: 176568

Ion Ratio Lower Upper

56 100

69 29.6 24.9 37.3

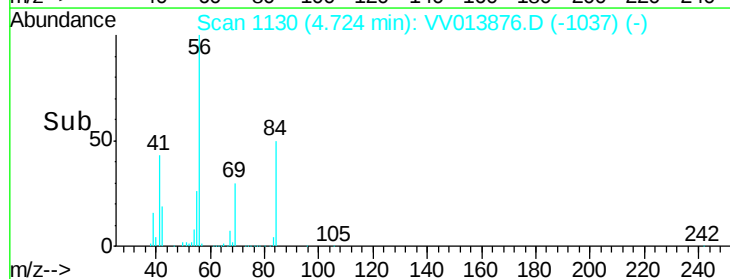
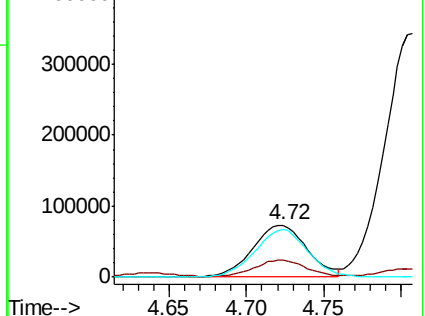
84 90.4 71.0 106.4

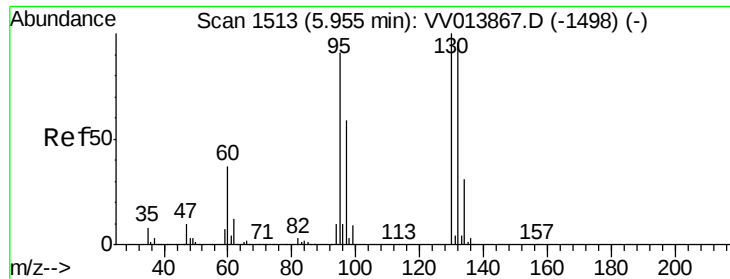


Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0

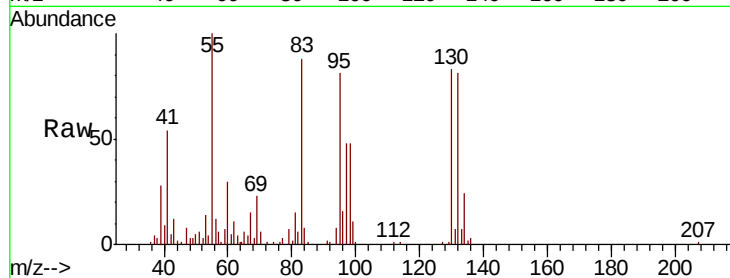




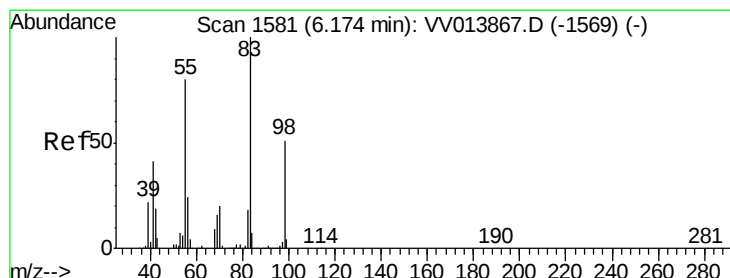
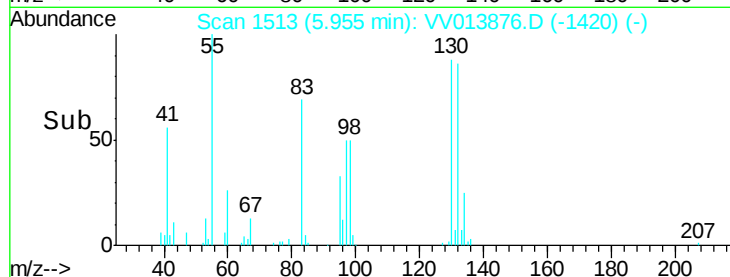
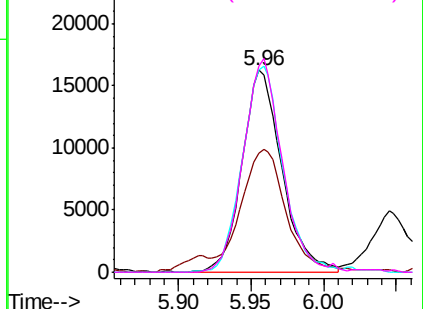
#34
 Trichloroethene
 Concen: 6.245 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV013876.D
 Acq: 02 Dec 2019 17:12

Instrument :
 MSVOA_V
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 H0AA7

Tot Ion:	95	Resp:	31226
Ion	Ratio	Lower	Upper
95	100		
97	59.2	45.4	84.4
132	99.9	73.7	136.9
130	102.4	77.1	143.1

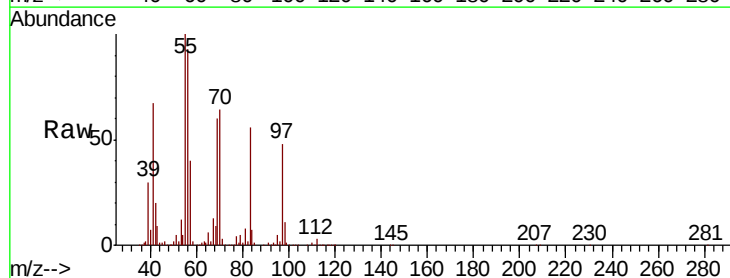


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

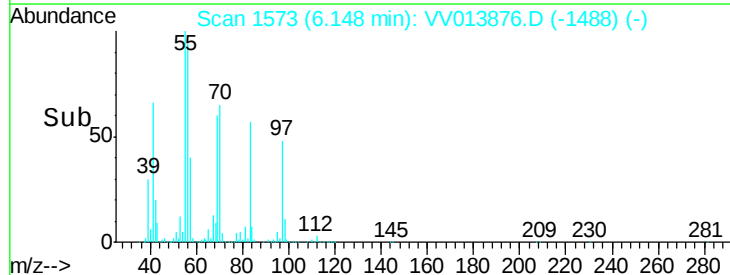
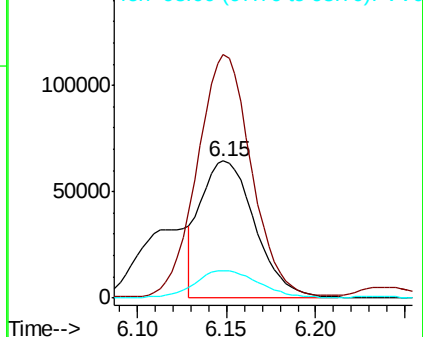


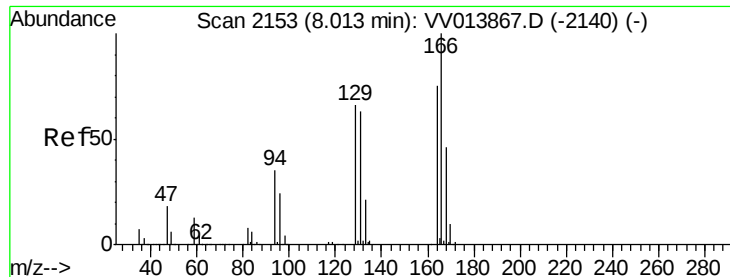
#35
 Methylcyclohexane
 Concen: 17.944 ug/L
 RT: 6.15 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: VV013876.D
 Acq: 02 Dec 2019 17:12

Tgt Ion:	83	Resp:	134617
Ion	Ratio	Lower	Upper
83	100		
55	177.2	61.0	91.4#
98	24.2	39.6	59.4#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 2.069 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013876.D

Acq: 02 Dec 2019 17:12

Instrument :

MSVOA_V

ClientSampled :

H0AA7

Tot Ion:164 Resp: 9333

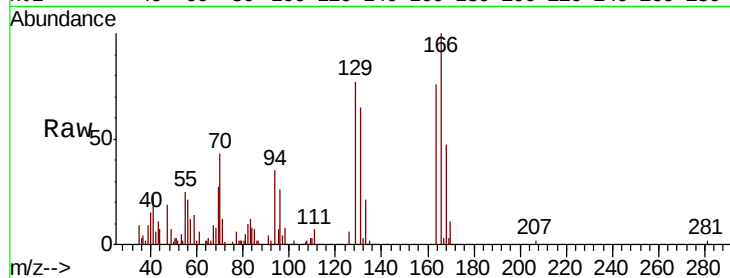
Ion Ratio Lower Upper

164 100

129 101.9 61.7 114.7

131 85.9 58.4 108.6

166 131.7 93.4 173.6

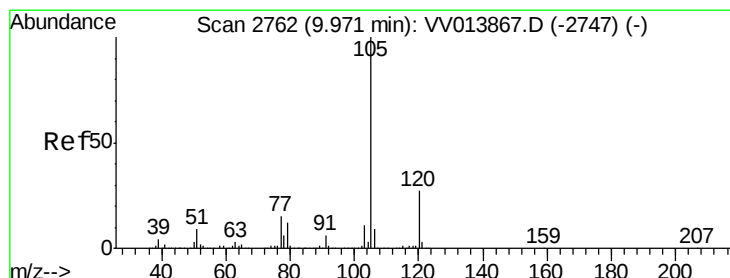
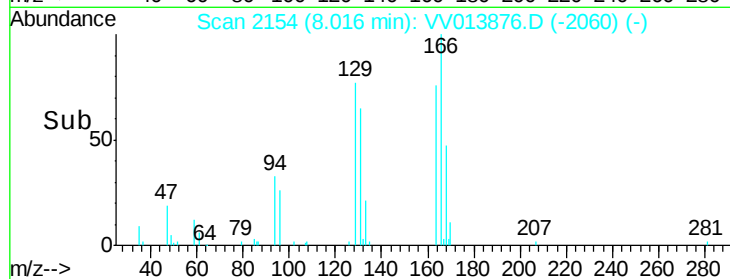
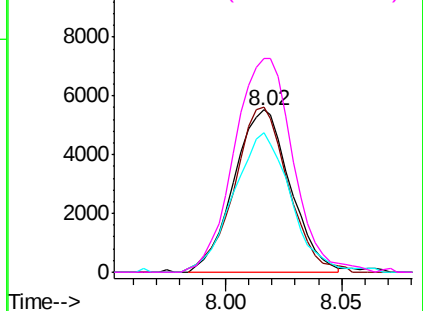


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#56

Isopropylbenzene

Concen: 2.555 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013876.D

Acq: 02 Dec 2019 17:12

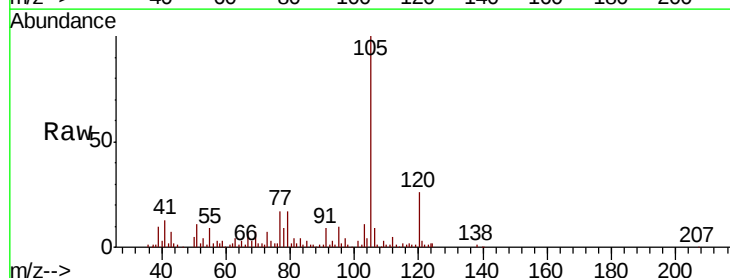
Tgt Ion:105 Resp: 55065

Ion Ratio Lower Upper

105 100

120 27.3 21.4 32.2

77 17.3 12.0 18.0



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

