

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019117.D
 Acq On : 26 Oct 2020 14:21
 Operator : SY/MD
 Sample : L4502-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG451

Quant Time: Oct 27 07:16:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	262251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132593	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91386	38.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.72%
7) Chloroethane-d5	1.58	69	76181	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.46%
11) 1,1-Dichloroethene-d2	2.12	63	147837	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.26%
21) 2-Butanone-d5	3.91	46	137912	86.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.07%
24) Chloroform-d	4.38	84	180467	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
26) 1,2-Dichloroethane-d4	5.06	65	132821	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
32) Benzene-d6	5.07	84	356761	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
36) 1,2-Dichloropropane-d6	6.09	67	111199	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.50%
41) Toluene-d8	7.34	98	328550	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%
43) trans-1,3-Dichloropropene-	7.64	79	59546	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
47) 2-Hexanone-d5	8.11	63	103351	88.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	152662	42.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	135591	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%

Target Compounds

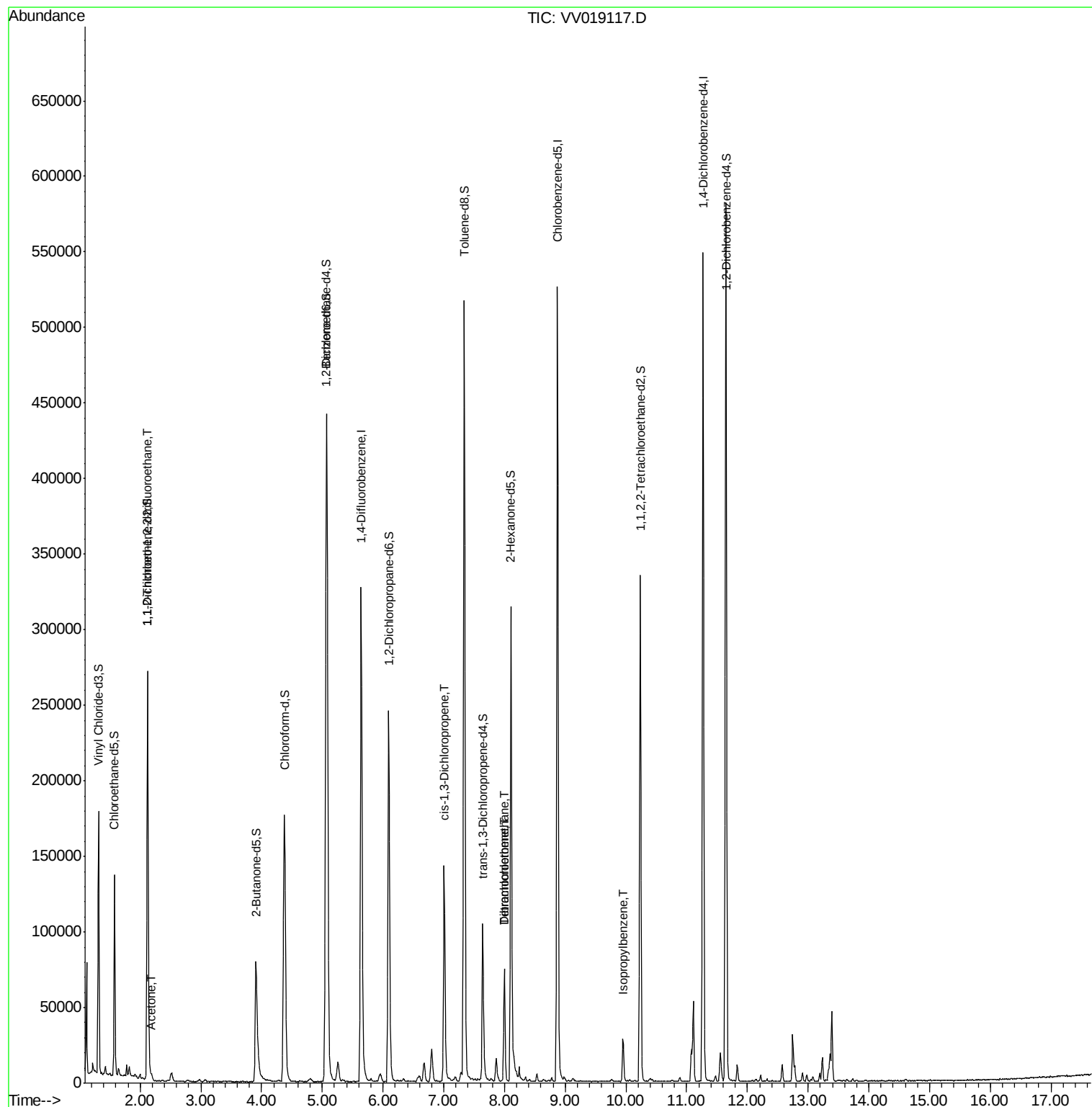
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1324	0.756 ug/L #	20
13) Acetone	2.19	43	3333	3.069 ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	3585	1.058 ug/L #	57
46) Tetrachloroethene	8.00	164	16672	10.322 ug/L	98
49) Dibromochloromethane	8.00	129	14844	6.706 ug/L #	11
56) Isopropylbenzene	9.95	105	17097	1.995 ug/L	97

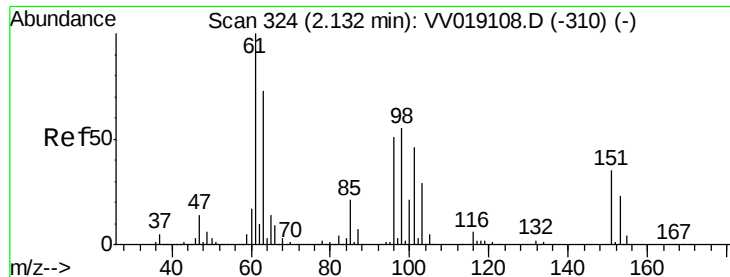
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.756 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019117.D

Acq: 26 Oct 2020 14:21

Instrument :

MSVOA_V

ClientSampleId :

BG451

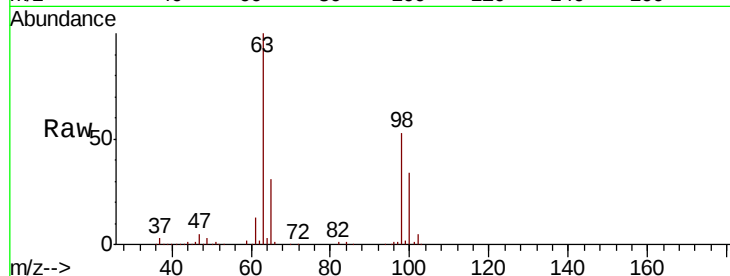
Tot Ion:101 Resp: 1324

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

151 0.0 58.2 87.2#

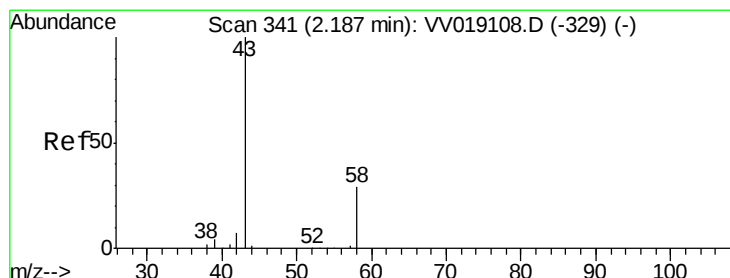
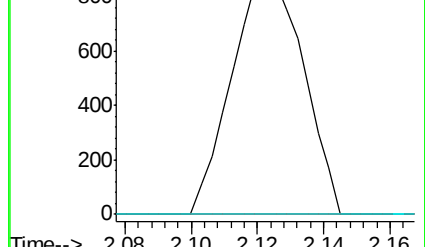
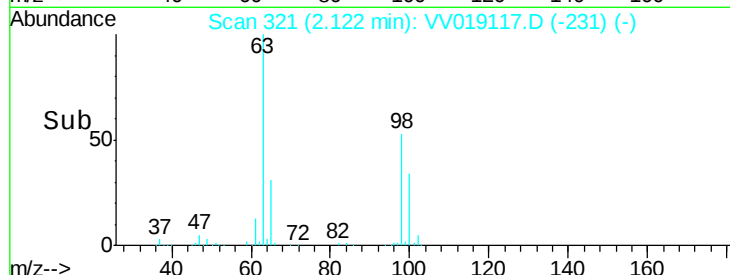


Abundance Ion 101.00 (100.70 to 101.70): VV019117.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV019117.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV019117.D (-231) (-)

Time-->



#13

Acetone

Concen: 3.069 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019117.D

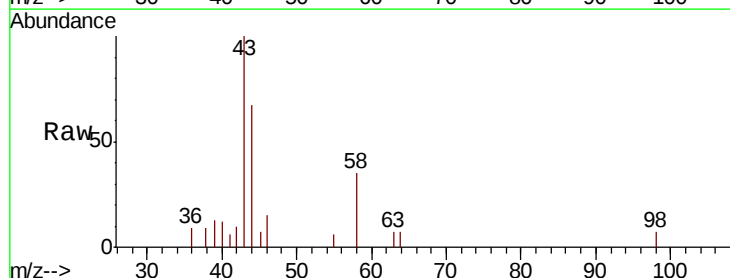
Acq: 26 Oct 2020 14:21

Tgt Ion: 43 Resp: 3333

Ion Ratio Lower Upper

43 100

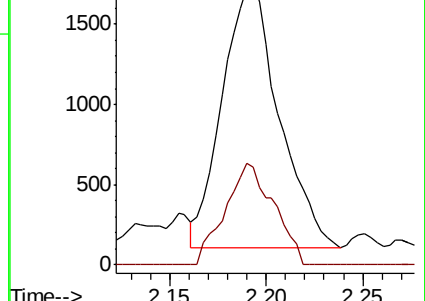
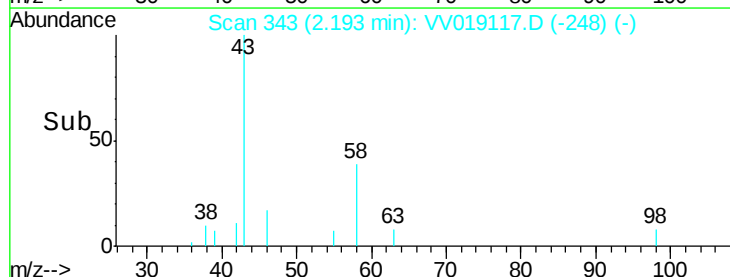
58 33.1 0.0 60.2

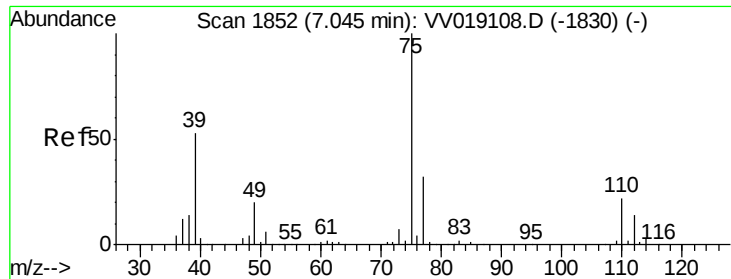


Abundance Ion 43.00 (42.70 to 43.70): VV019117.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV019117.D (-248) (-)

Time-->

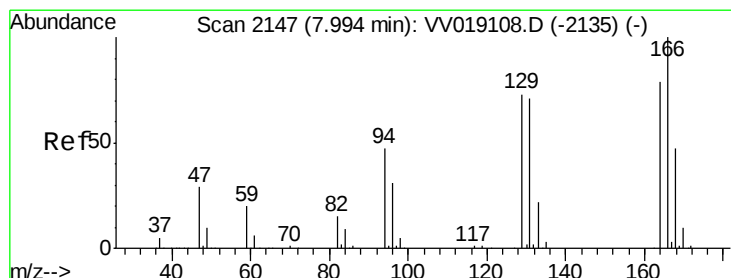
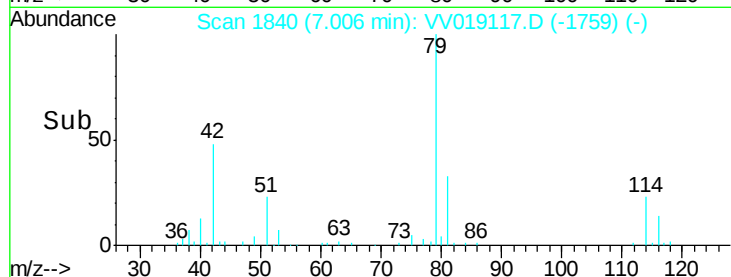
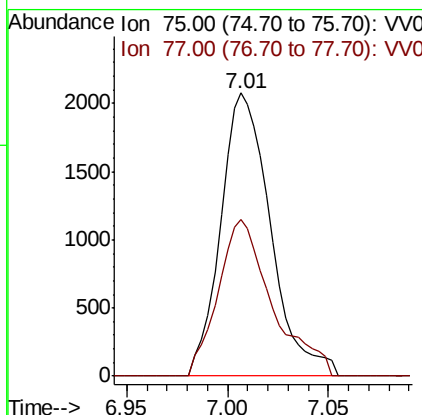
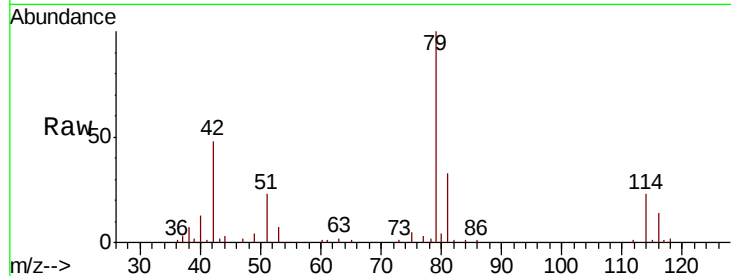




#39
 cis-1,3-Dichloropropene
 Concen: 1.058 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019117.D
 Acq: 26 Oct 2020 14:21

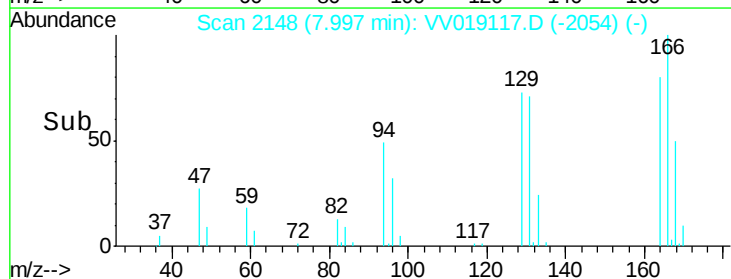
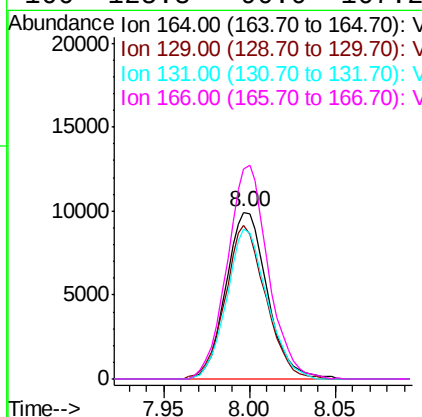
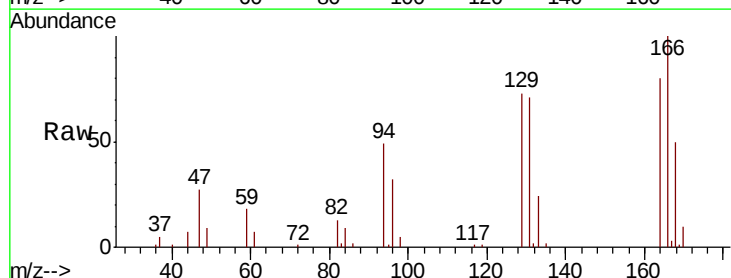
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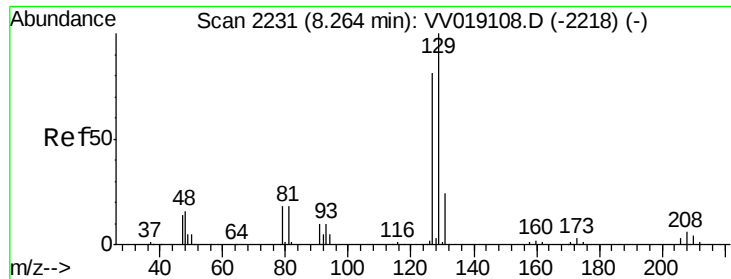
Tot Ion: 75 Resp: 3585
 Ion Ratio Lower Upper
 75 100
 77 55.5 22.1 41.1#



#46
 Tetrachloroethene
 Concen: 10.322 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV019117.D
 Acq: 26 Oct 2020 14:21

Tgt Ion: 164 Resp: 16672
 Ion Ratio Lower Upper
 164 100
 129 92.2 65.5 121.6
 131 89.5 62.4 115.8
 166 125.8 90.0 167.2





#49

Dibromochloromethane

Concen: 6.706 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV019117.D

Acq: 26 Oct 2020 14:21

Instrument :

MSVOA_V

ClientSampled :

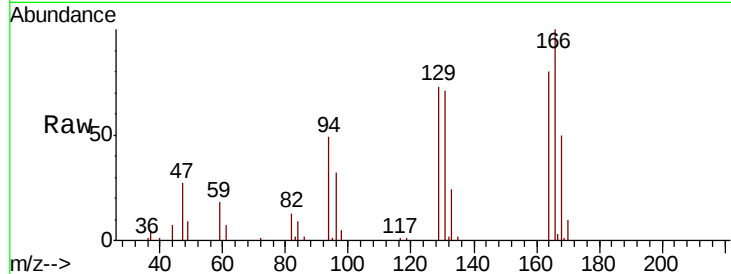
BG451

Tot Ion:129 Resp: 14844

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.00

10000

8000

6000

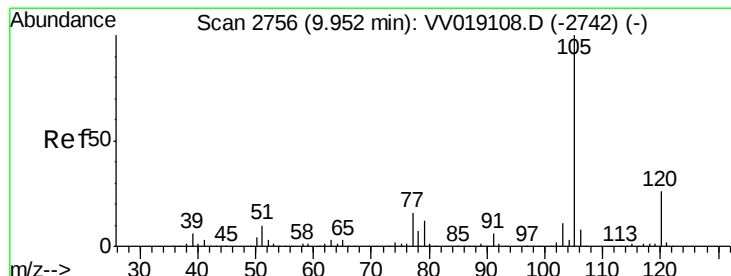
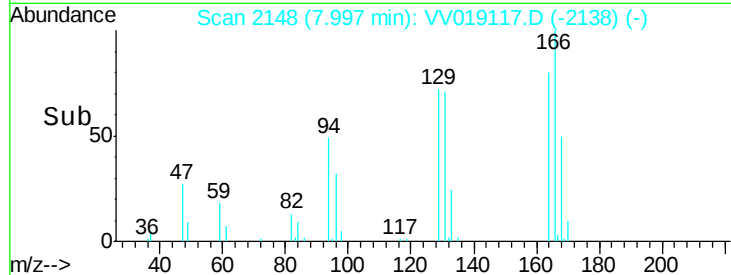
4000

2000

0

7.95 8.00 8.05

Time-->



#56

Isopropylbenzene

Concen: 1.995 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV019117.D

Acq: 26 Oct 2020 14:21

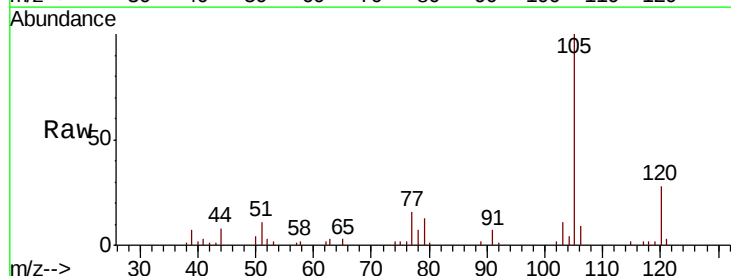
Tgt Ion:105 Resp: 17097

Ion Ratio Lower Upper

105 100

120 27.2 20.6 31.0

77 15.6 13.4 20.0



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

15000

10000

5000

0

9.90 9.95 10.00

Time-->

