

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016615.D
 Acq On : 07 Jun 2020 02:33
 Operator : SY/MD
 Sample : L2875-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY9

Quant Time: Jun 07 03:27:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 03:25:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371289	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342122	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159419	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112765	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.76%
7) Chloroethane-d5	1.56	69	79130	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.36%
11) 1,1-Dichloroethene-d2	2.12	63	152208	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.30%
21) 2-Butanone-d5	3.90	46	180342	107.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.25%
24) Chloroform-d	4.50	84	201	0.04	ug/L	0.13
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.08%#
26) 1,2-Dichloroethane-d4	5.05	65	167119	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
32) Benzene-d6	5.07	84	472295	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.06%
36) 1,2-Dichloropropane-d6	6.09	67	151421	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.06%
41) Toluene-d8	7.34	98	424904	51.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.10%
43) trans-1,3-Dichloropropene-	7.64	79	65172	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.11	63	127305	104.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180672	46.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	165741	55.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.64%

Target Compounds

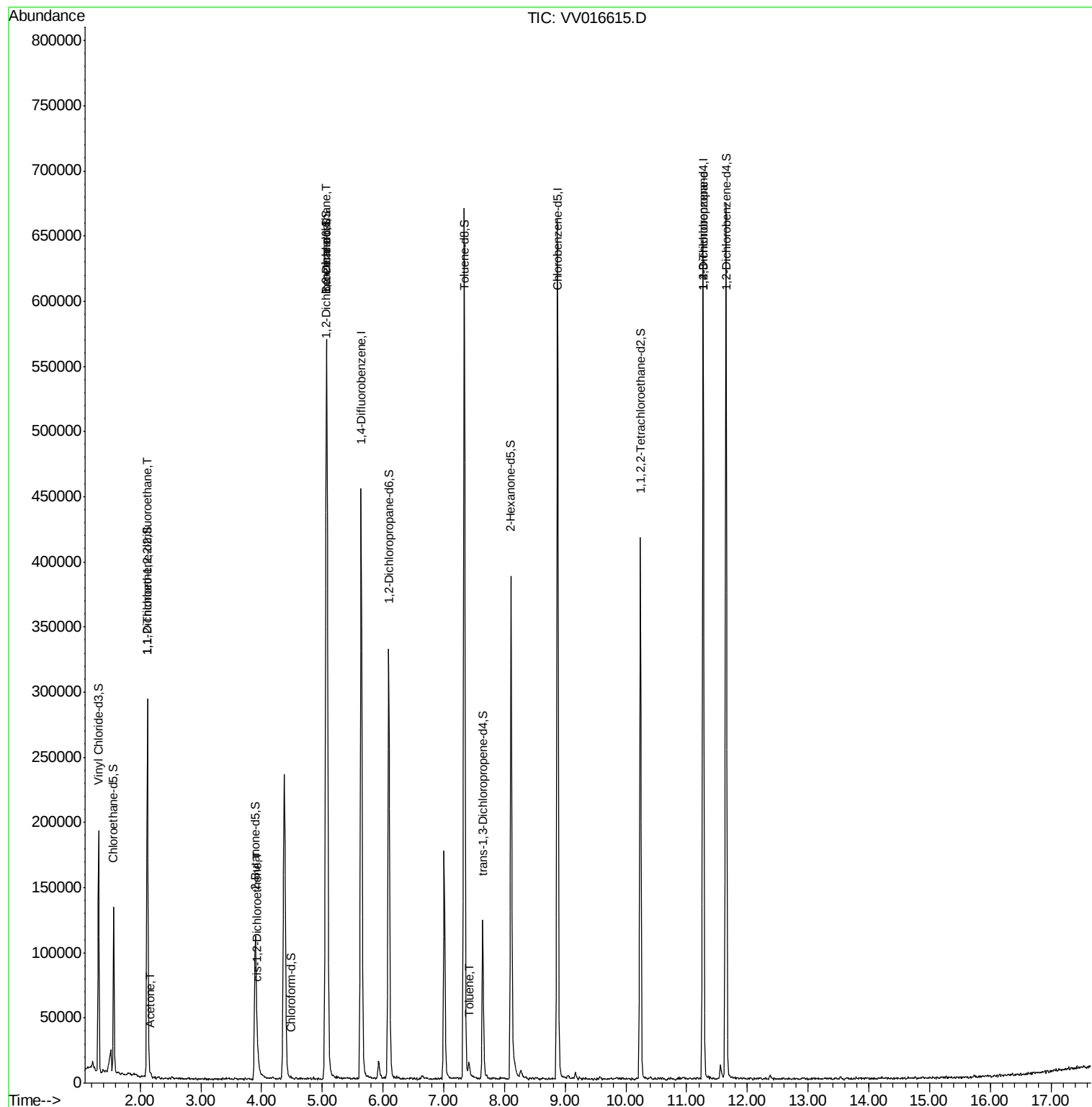
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1518	0.709 ug/L	# 20
13) Acetone	2.17	43	2055	1.308 ug/L	72
20) cis-1,2-Dichloroethene	3.94	96	2015	0.718 ug/L	89
27) 1,2-Dichloroethane	5.07	62	3190	0.779 ug/L	96
42) Toluene	7.42	91	8151	0.764 ug/L	94
59) 1,2,3-Trichloropropane	11.27	75	18984	5.801 ug/L	88

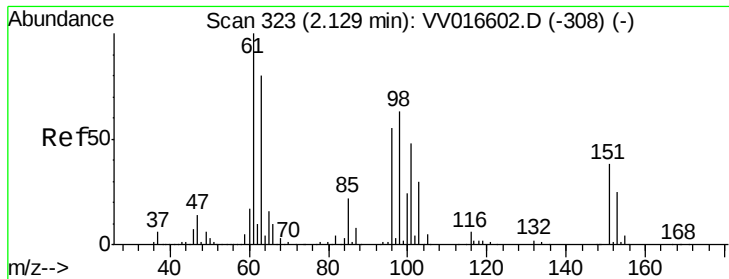
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 07 03:25:55 2020
Response via : Initial Calibration





#10

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

Concen: 0.709 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016615.D

Acq: 07 Jun 2020 02:33

Instrument :

MSVOA_V

ClientSampled :

ETTY9

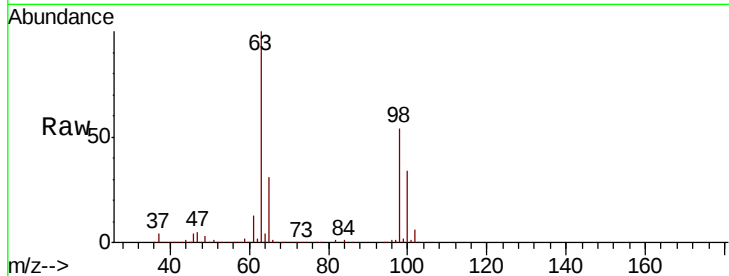
Tot Ion:101 Resp: 1518

Ion Ratio Lower Upper

101 100

85 3.0 35.6 53.4#

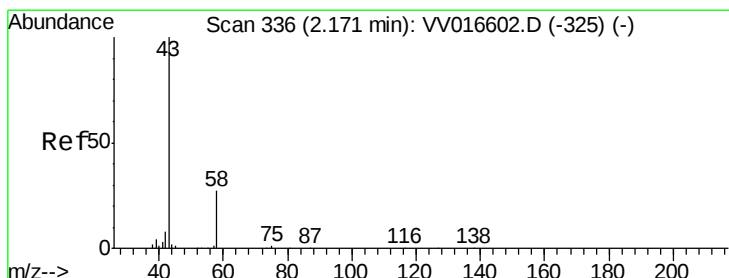
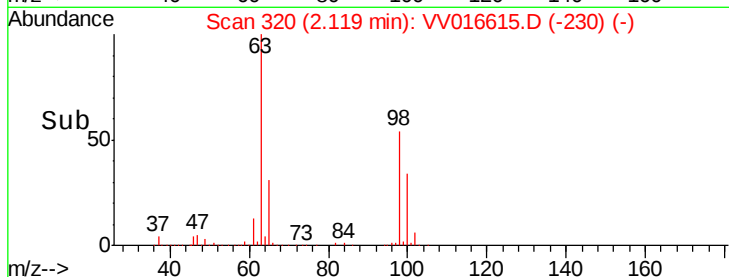
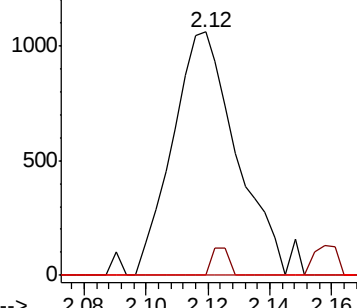
151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016615.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV016615.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016615.D (-230) (-)



#13

Acetone

Concen: 1.308 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016615.D

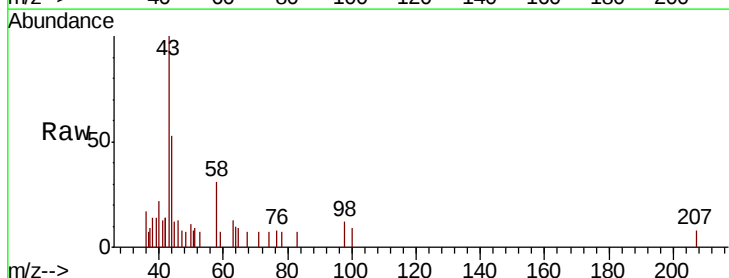
Acq: 07 Jun 2020 02:33

Tgt Ion: 43 Resp: 2055

Ion Ratio Lower Upper

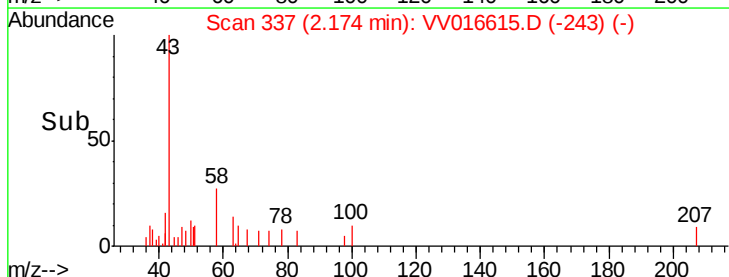
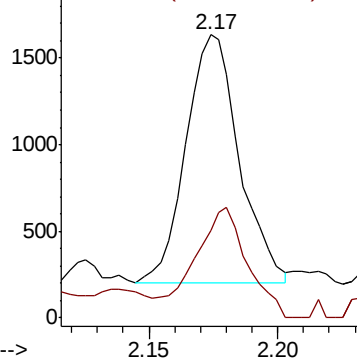
43 100

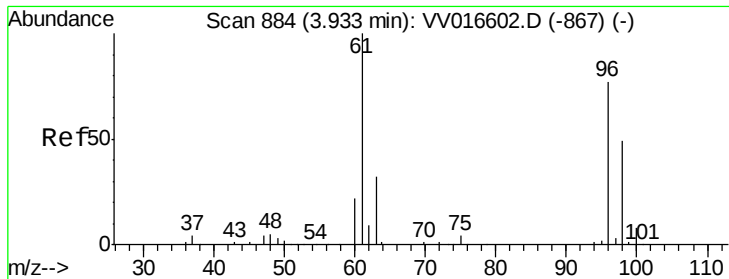
58 43.5 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016615.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV016615.D (-243) (-)

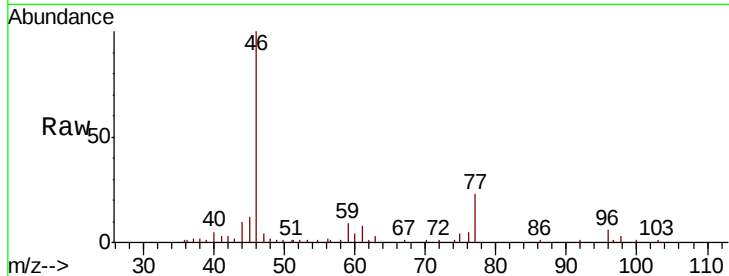




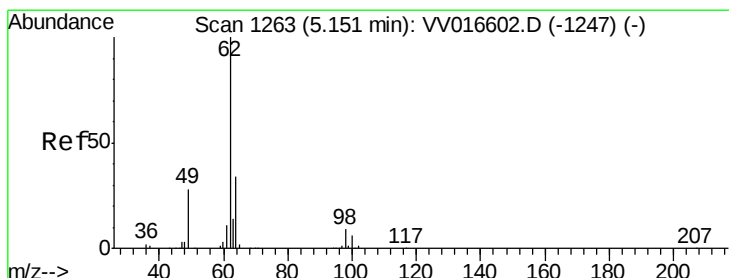
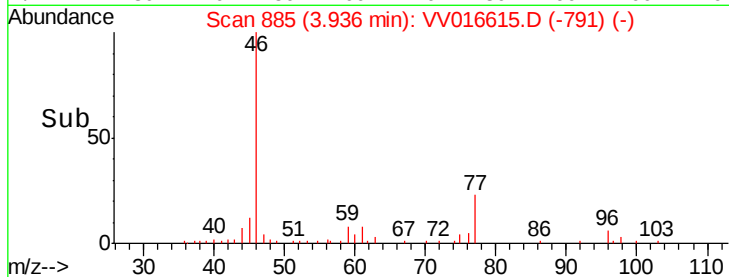
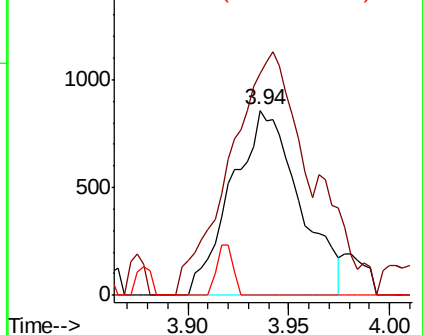
#20
 cis-1,2-Dichloroethene
 Concen: 0.718 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016615.D
 Acq: 07 Jun 2020 02:33

Instrument :
 MSVOA_V
 ClientSampled :
 ETTY9

Tot Ion:	96	Resp:	2015
Ion	Ratio	Lower	Upper
96	100		
61	119.9	93.4	173.4
68	0.0	0.0	0.0

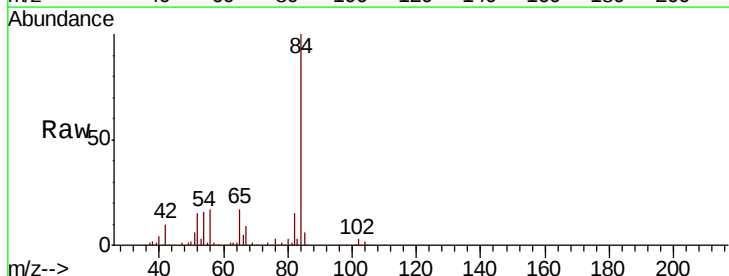


Abundance Ion 96.00 (95.70 to 96.70): VV016602.D (-867) (-)
 Ion 61.00 (60.70 to 61.70): VV016602.D (-867) (-)
 Ion 68.00 (67.70 to 68.70): VV016602.D (-867) (-)

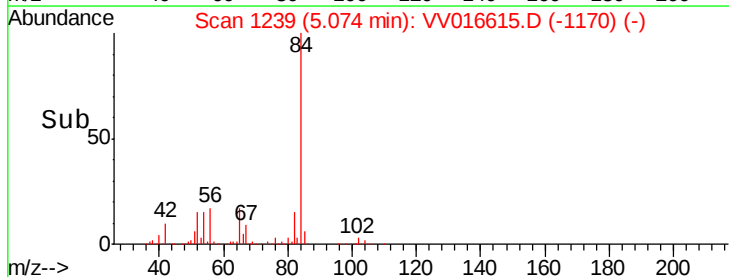
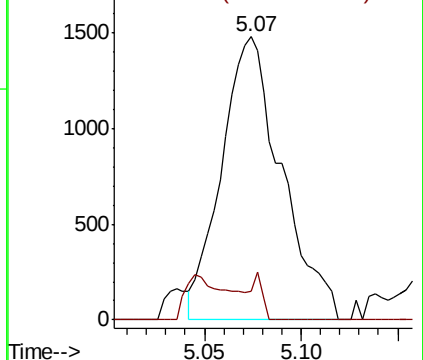


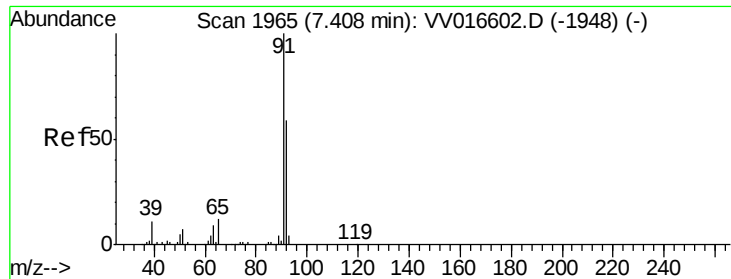
#27
 1,2-Dichloroethane
 Concen: 0.779 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016615.D
 Acq: 07 Jun 2020 02:33

Tgt Ion:	62	Resp:	3190
Ion	Ratio	Lower	Upper
62	100		
98	9.9	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016602.D (-1247) (-)
 Ion 98.00 (97.70 to 98.70): VV016602.D (-1247) (-)





#42

Toluene

Concen: 0.764 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV016615.D

Acq: 07 Jun 2020 02:33

Instrument :

MSVOA_V

ClientSampleId :

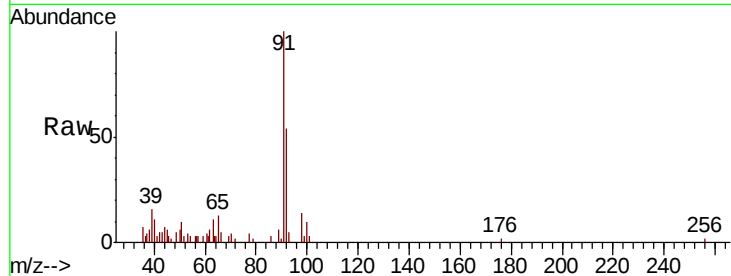
ETTY9

Tot Ion: 91 Resp: 8151

Ion Ratio Lower Upper

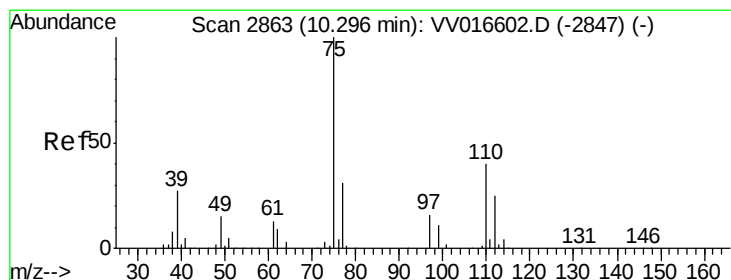
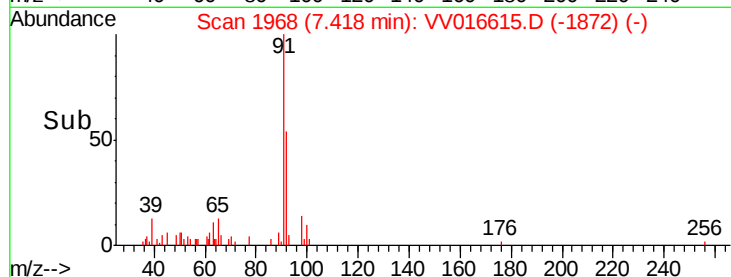
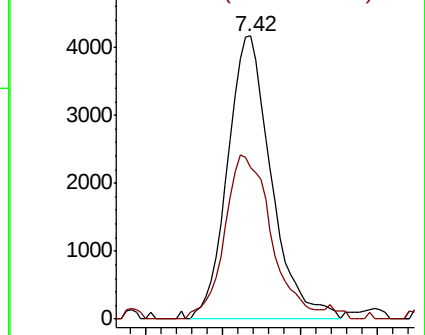
91 100

92 53.6 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016602.D (-1948) (-)

Ion 92.00 (91.70 to 92.70): VV016602.D (-1948) (-)



#59

1,2,3-Trichloropropane

Concen: 5.801 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016615.D

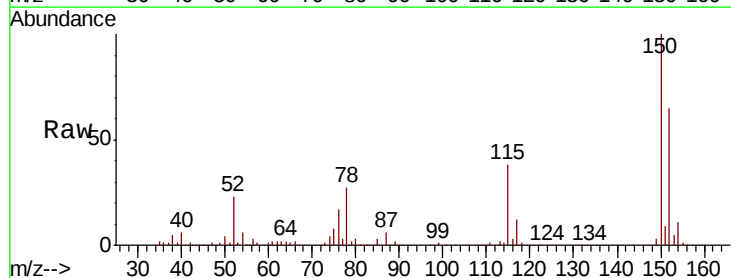
Acq: 07 Jun 2020 02:33

Tgt Ion: 75 Resp: 18984

Ion Ratio Lower Upper

75 100

77 39.9 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV016602.D (-2847) (-)

Ion 77.00 (76.70 to 77.70): VV016602.D (-2847) (-)

