

Data File : VV013941.D
Acq On : 06 Dec 2019 14:37
Operator : SY/MD
Sample : K6190-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFR97

Quant Time: Dec 07 01:42:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 01:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	539339	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	498589	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	193676	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	185722	59.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.08%
7) Chloroethane-d5	1.56	69	187912	57.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.42%
11) 1,1-Dichloroethene-d2	2.23	63	76	0.01	ug/L	0.11
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	3.92	46	234497	106.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.81%
24) Chloroform-d	4.39	84	339906	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.78%
26) 1,2-Dichloroethane-d4	5.07	65	215395	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.78%
32) Benzene-d6	5.09	84	694195	53.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.46%
36) 1,2-Dichloropropane-d6	6.11	67	215709	55.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.24%
41) Toluene-d8	7.35	98	595030	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%
43) trans-1,3-Dichloropropene-	7.66	79	90928	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.36%
47) 2-Hexanone-d5	8.13	63	135235	93.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.39%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	269265	47.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.90%
64) 1,2-Dichlorobenzene-d4	11.67	152	222576	58.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.02%

Target Compounds

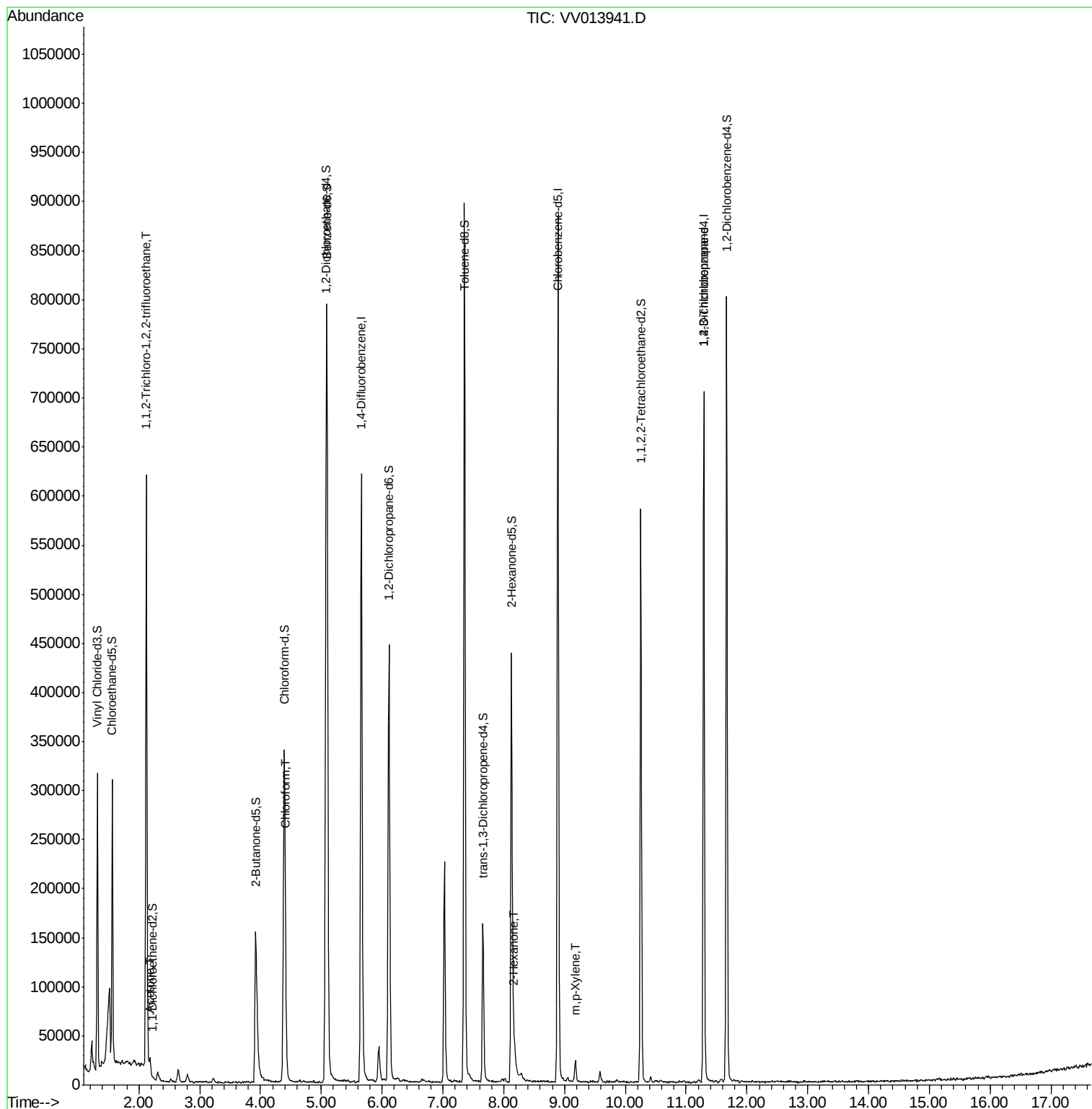
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3715	0.916	ug/L #	16
13) Acetone	2.18	43	5946	1.848	ug/L	83
25) Chloroform	4.42	83	5814	0.788	ug/L	92
48) 2-Hexanone	8.18	43	16680	4.462	ug/L #	38
53) m,p-Xylene	9.18	106	6005	0.919	ug/L	96
59) 1,2,3-Trichloropropane	11.29	75	19486	4.007	ug/L	92

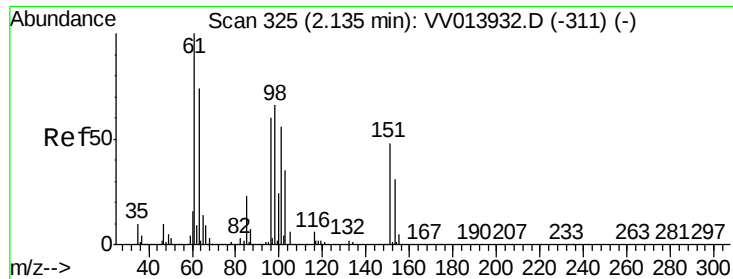
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.916 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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ClientSampleId :

BFR97

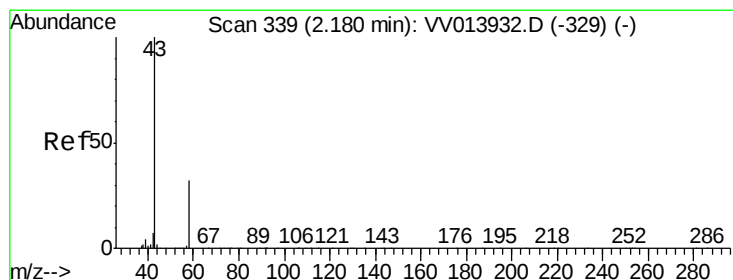
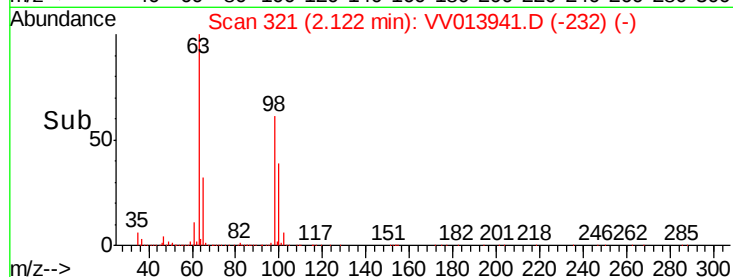
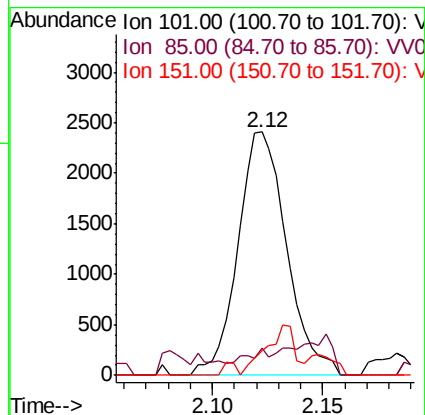
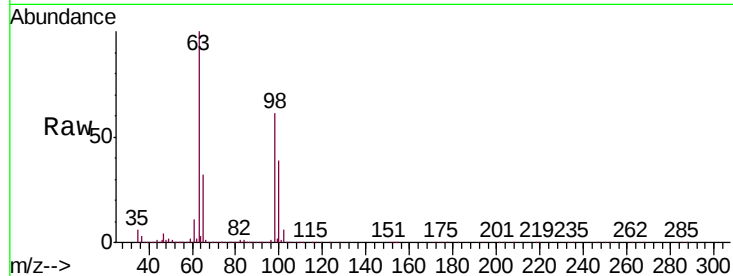
Tgt Ion: 101 Resp: 3715

Ion Ratio Lower Upper

101 100

85 2.3 32.5 48.7#

151 0.0 69.8 104.6#



#13

Acetone

Concen: 1.848 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013941.D

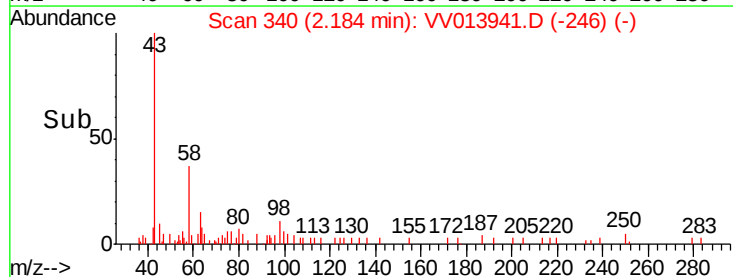
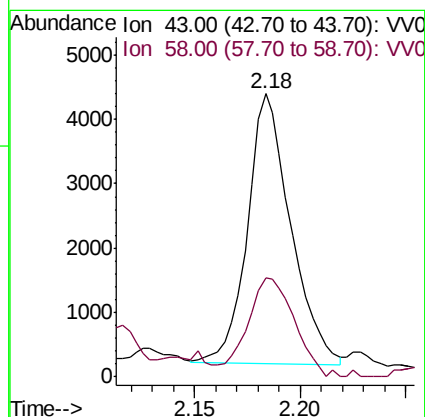
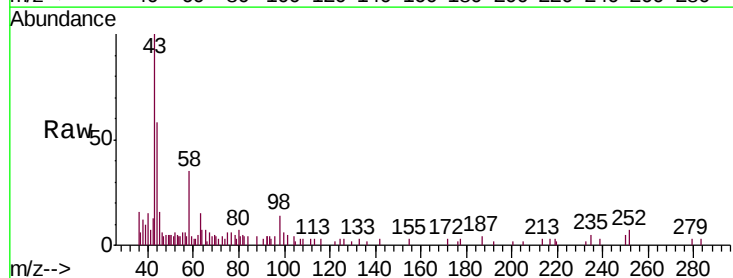
Acq: 06 Dec 2019 14:37

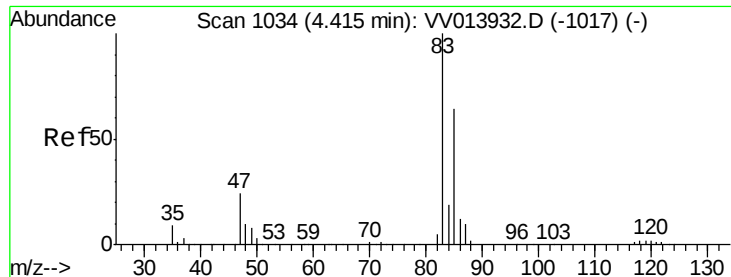
Tgt Ion: 43 Resp: 5946

Ion Ratio Lower Upper

43 100

58 39.8 0.0 60.8

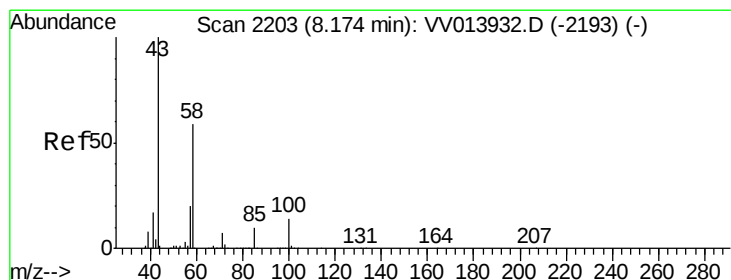
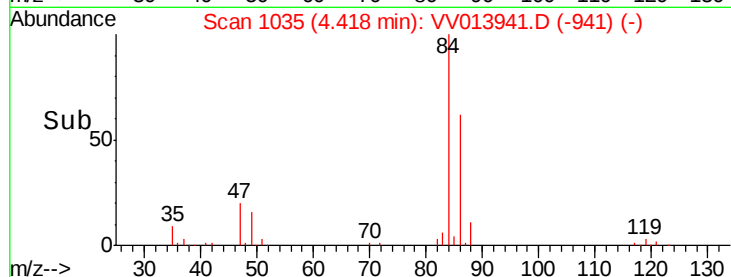
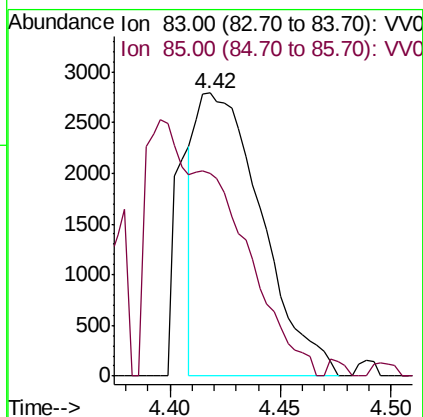
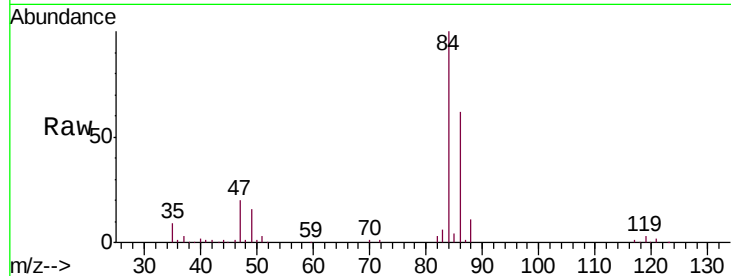




#25
Chloroform
Concen: 0.788 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VV013941.D
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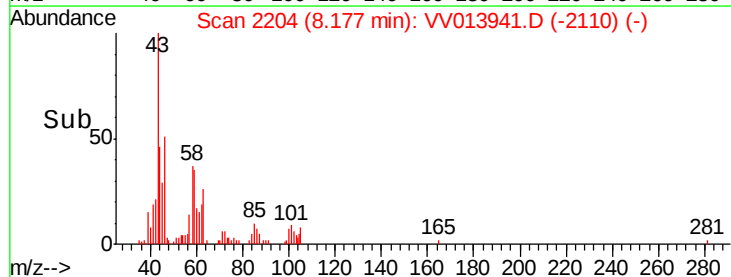
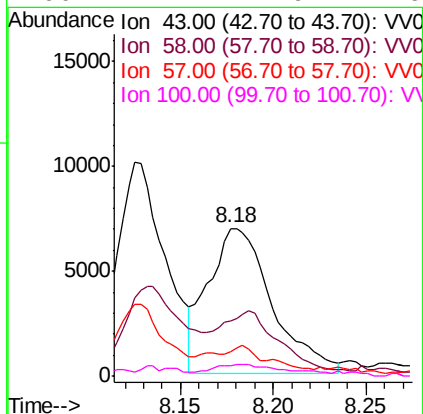
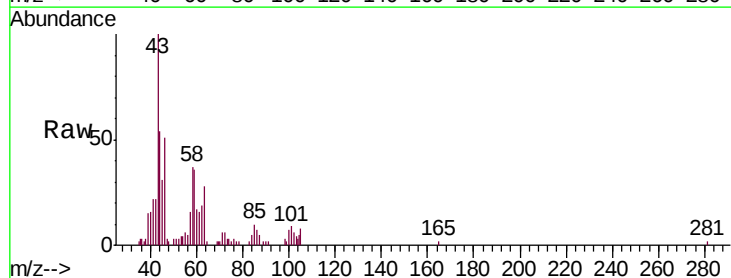
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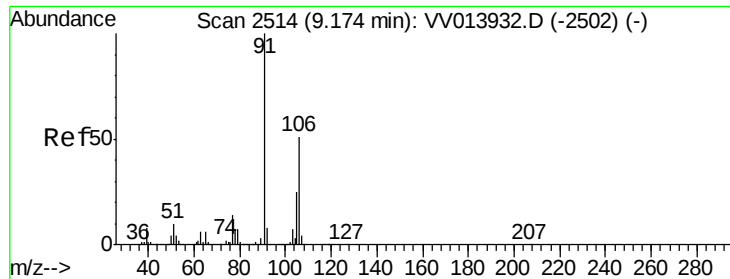
Tgt Ion: 83 Resp: 5814
Ion Ratio Lower Upper
83 100
85 71.5 45.7 84.9



#48
2-Hexanone
Concen: 4.462 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VV013941.D
Acq: 06 Dec 2019 14:37

Tgt Ion: 43 Resp: 16680
Ion Ratio Lower Upper
43 100
58 0.0 48.4 72.6#
57 6.7 16.6 24.8#
100 1.7 11.9 17.9#





#53

m,p-Xylene

Concen: 0.919 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV013941.D

Acq: 06 Dec 2019 14:37

Instrument :

MSVOA_V

ClientSampleId :

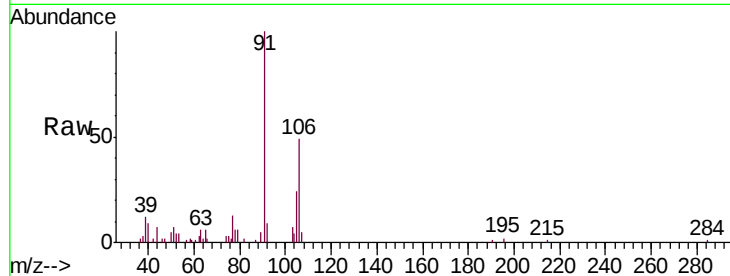
BFR97

Tgt Ion:106 Resp: 6005

Ion Ratio Lower Upper

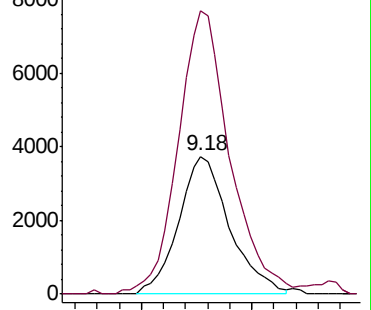
106 100

91 205.8 139.4 259.0

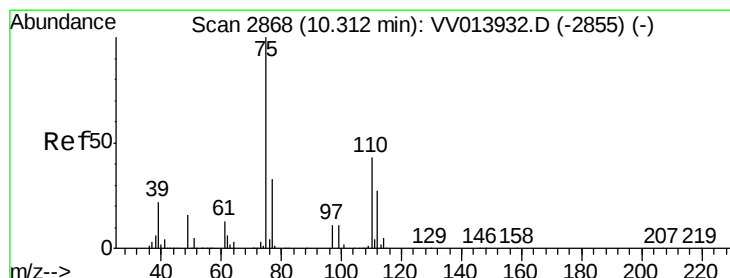
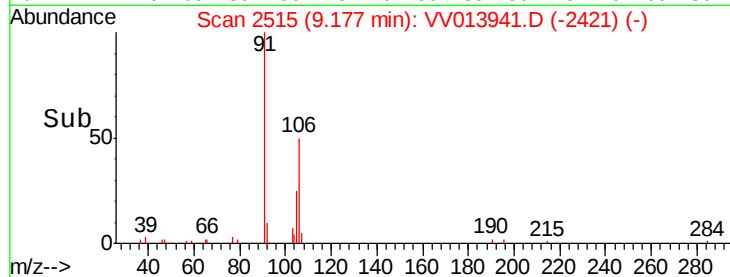


Abundance Ion 106.00 (105.70 to 106.70): VV013941.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VV013941.D (-2514) (-)



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.007 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV013941.D

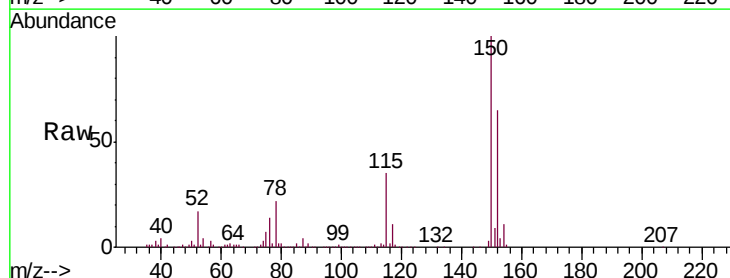
Acq: 06 Dec 2019 14:37

Tgt Ion: 75 Resp: 19486

Ion Ratio Lower Upper

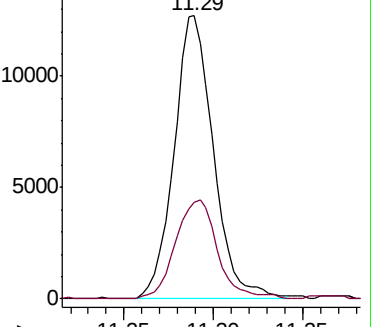
75 100

77 36.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV013941.D (-3172) (-)

Ion 77.00 (76.70 to 77.70): VV013941.D (-3171) (-)



Time-->

