

Data File : VU030091.D
Acq On : 14 Mar 2019 21:55
Operator : JC/SP
Sample : K1918-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09F5

Quant Time: Mar 15 02:49:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	495278	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	479009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107194	32.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.44%
7) Chloroethane-d5	1.68	69	101234	38.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.56%
11) 1,1-Dichloroethene-d2	2.27	63	169476	28.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.32%#
21) 2-Butanone-d5	4.17	46	238382	97.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	4.65	84	260085	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.31	65	158945	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
32) Benzene-d6	5.34	84	553129	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
36) 1,2-Dichloropropane-d6	6.33	67	175276	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.90%
41) Toluene-d8	7.56	98	500716	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%
43) trans-1,3-Dichloropropene-	7.85	79	77254	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.52%
47) 2-Hexanone-d5	8.31	63	197986	93.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	273124	47.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	213819	48.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.42%

Target Compounds

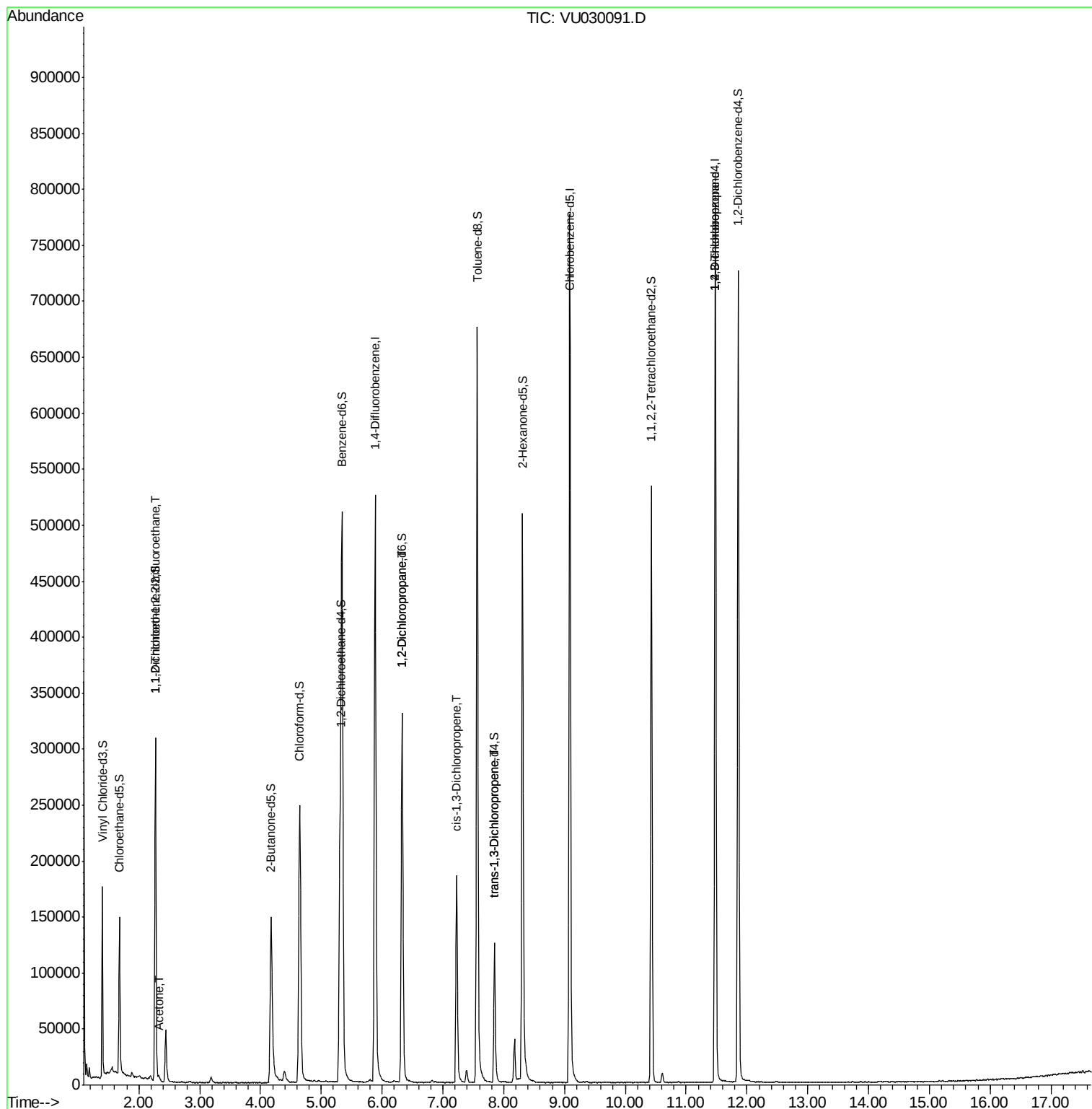
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1867	0.574	ug/L #	17
13) Acetone	2.32	43	3359	1.170	ug/L	95
37) 1,2-Dichloropropane	6.33	63	17669	4.901	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	4248	0.757	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	2816	0.550	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	23248	4.951	ug/L	92

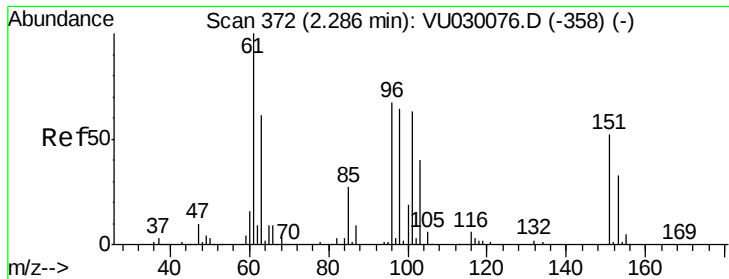
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.574 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Acq: 14 Mar 2019 21:55

Instrument :

MSVOA_U

ClientSampleId :

C09F5

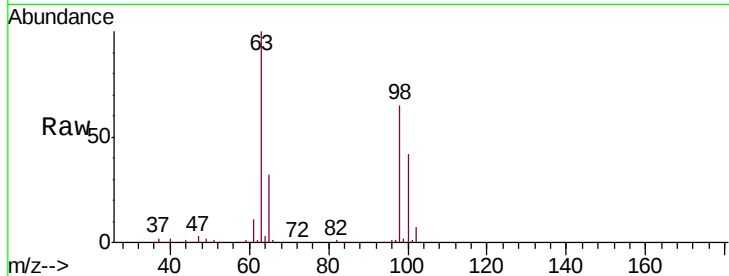
Tgt Ion:101 Resp: 1867

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

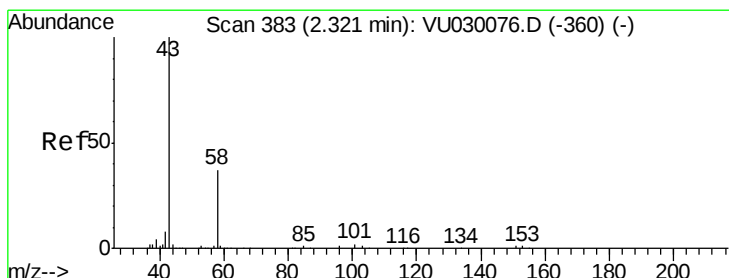
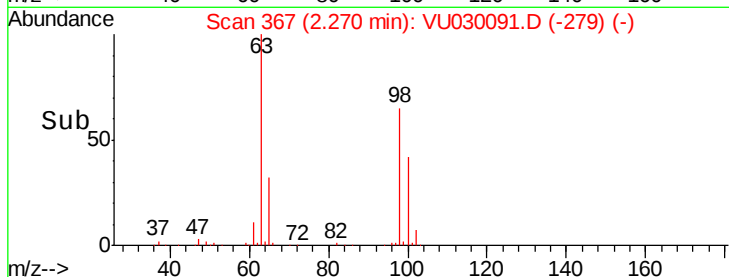
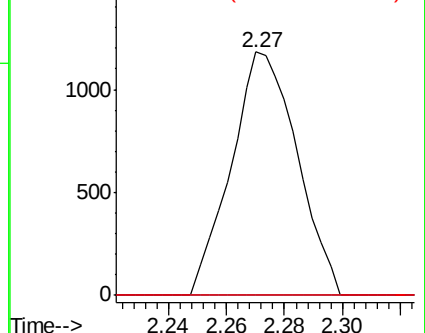
151 0.0 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.170 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030091.D

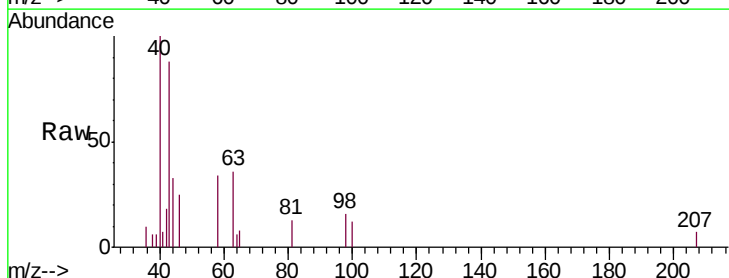
Acq: 14 Mar 2019 21:55

Tgt Ion: 43 Resp: 3359

Ion Ratio Lower Upper

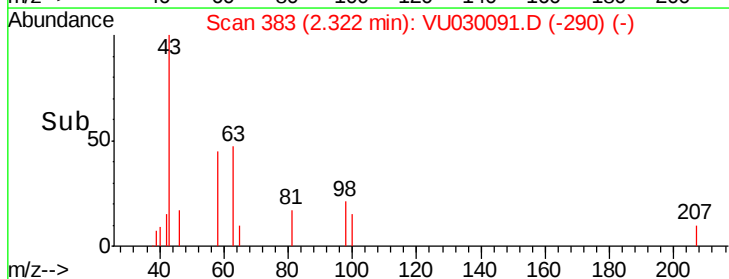
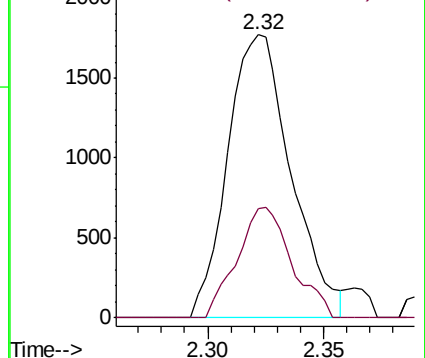
43 100

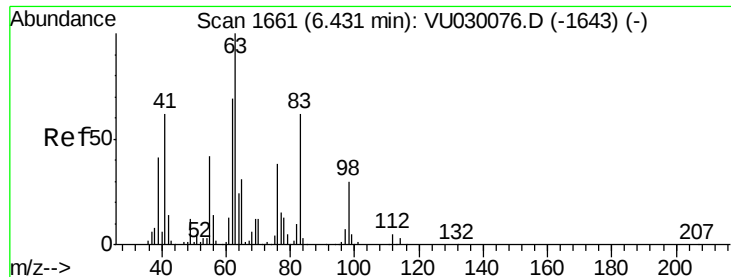
58 33.8 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#37

1,2-Dichloropropane

Concen: 4.901 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

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Instrument :

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ClientSampleId :

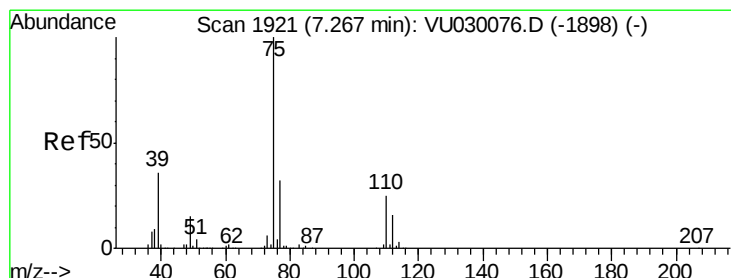
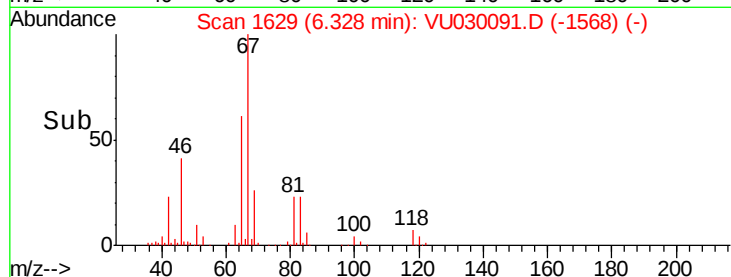
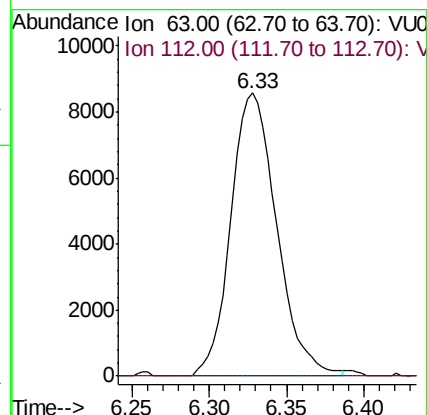
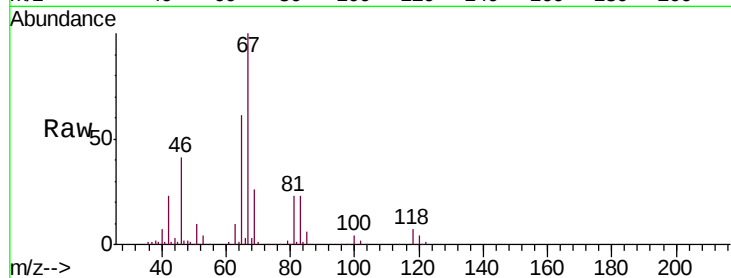
C09F5

Tgt Ion: 63 Resp: 17669

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.757 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030091.D

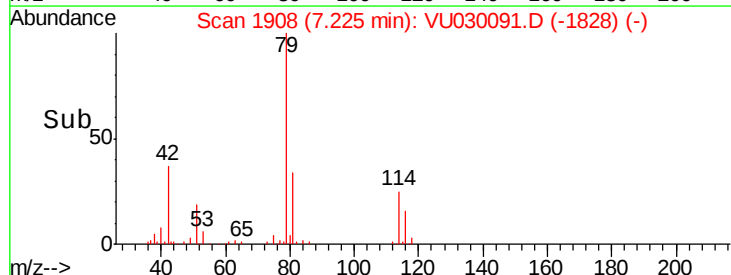
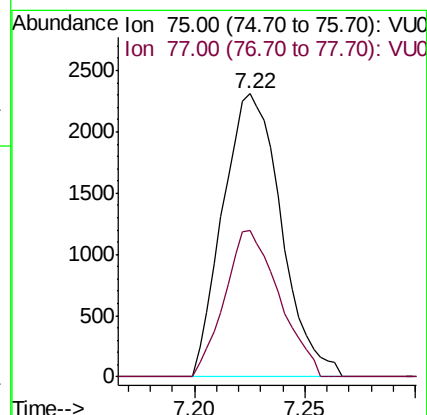
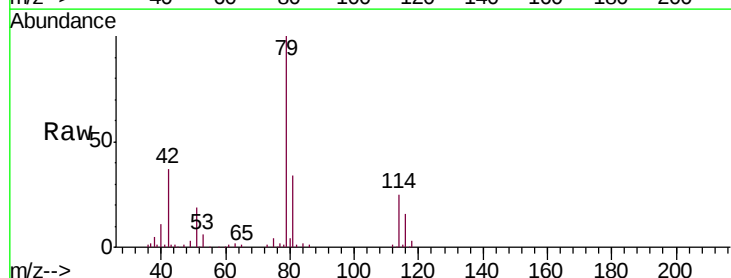
Acq: 14 Mar 2019 21:55

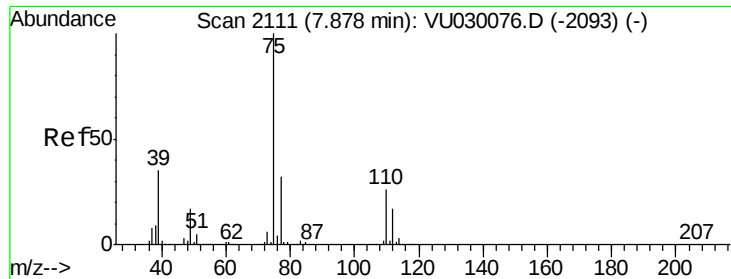
Tgt Ion: 75 Resp: 4248

Ion Ratio Lower Upper

75 100

77 51.7 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.550 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU030091.D

Acq: 14 Mar 2019 21:55

Instrument :

MSVOA_U

ClientSampleId :

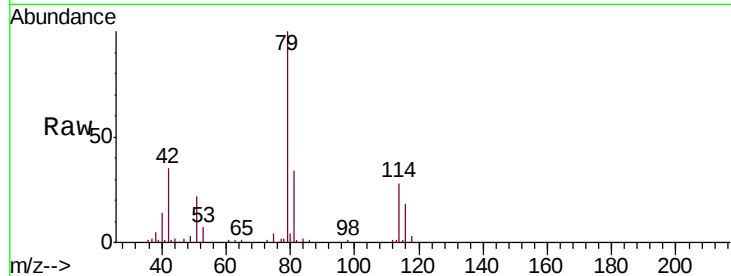
C09F5

Tgt Ion: 75 Resp: 2816

Ion Ratio Lower Upper

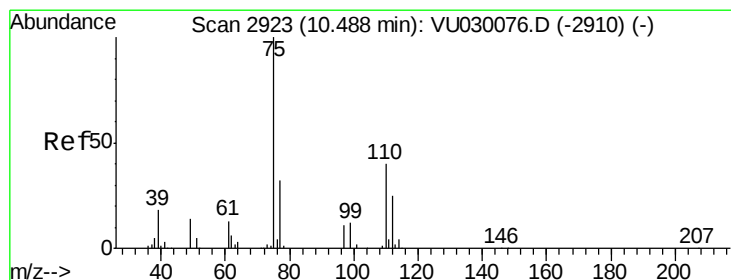
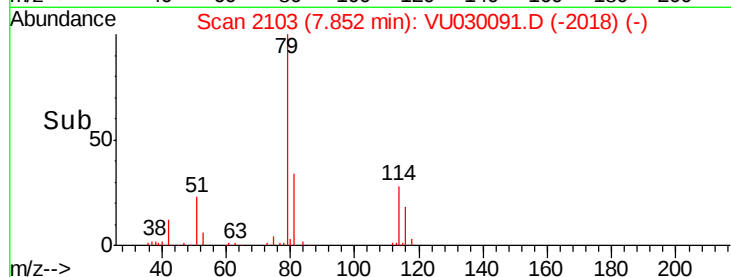
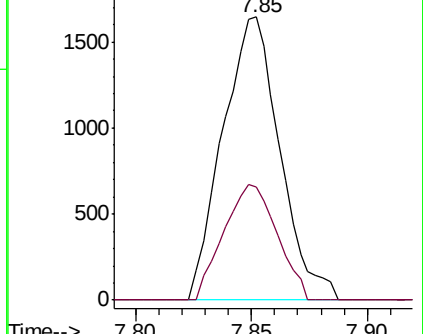
75 100

77 40.1 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030091.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU030091.D (-2018) (-)



#59

1,2,3-Trichloropropane

Concen: 4.951 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030091.D

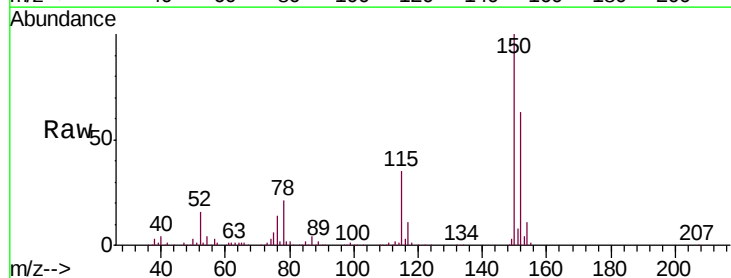
Acq: 14 Mar 2019 21:55

Tgt Ion: 75 Resp: 23248

Ion Ratio Lower Upper

75 100

77 36.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU030091.D (-2301) (-)

Ion 77.00 (76.70 to 77.70): VU030091.D (-2301) (-)

