

Data File : VU030090.D
Acq On : 14 Mar 2019 21:32
Operator : JC/SP
Sample : K1918-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09B5

Quant Time: Mar 15 02:49:41 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	501617	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483891	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109983	33.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.30%
7) Chloroethane-d5	1.68	69	104549	39.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.06%
11) 1,1-Dichloroethene-d2	2.27	63	171483	28.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.26%#
21) 2-Butanone-d5	4.17	46	244719	98.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.44%
24) Chloroform-d	4.65	84	262946	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.31	65	159715	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
32) Benzene-d6	5.34	84	555886	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
36) 1,2-Dichloropropane-d6	6.33	67	183863	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.56	98	512765	43.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.92%
43) trans-1,3-Dichloropropene-	7.85	79	79069	42.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.64%
47) 2-Hexanone-d5	8.31	63	199230	93.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276182	47.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	219594	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%

Target Compounds

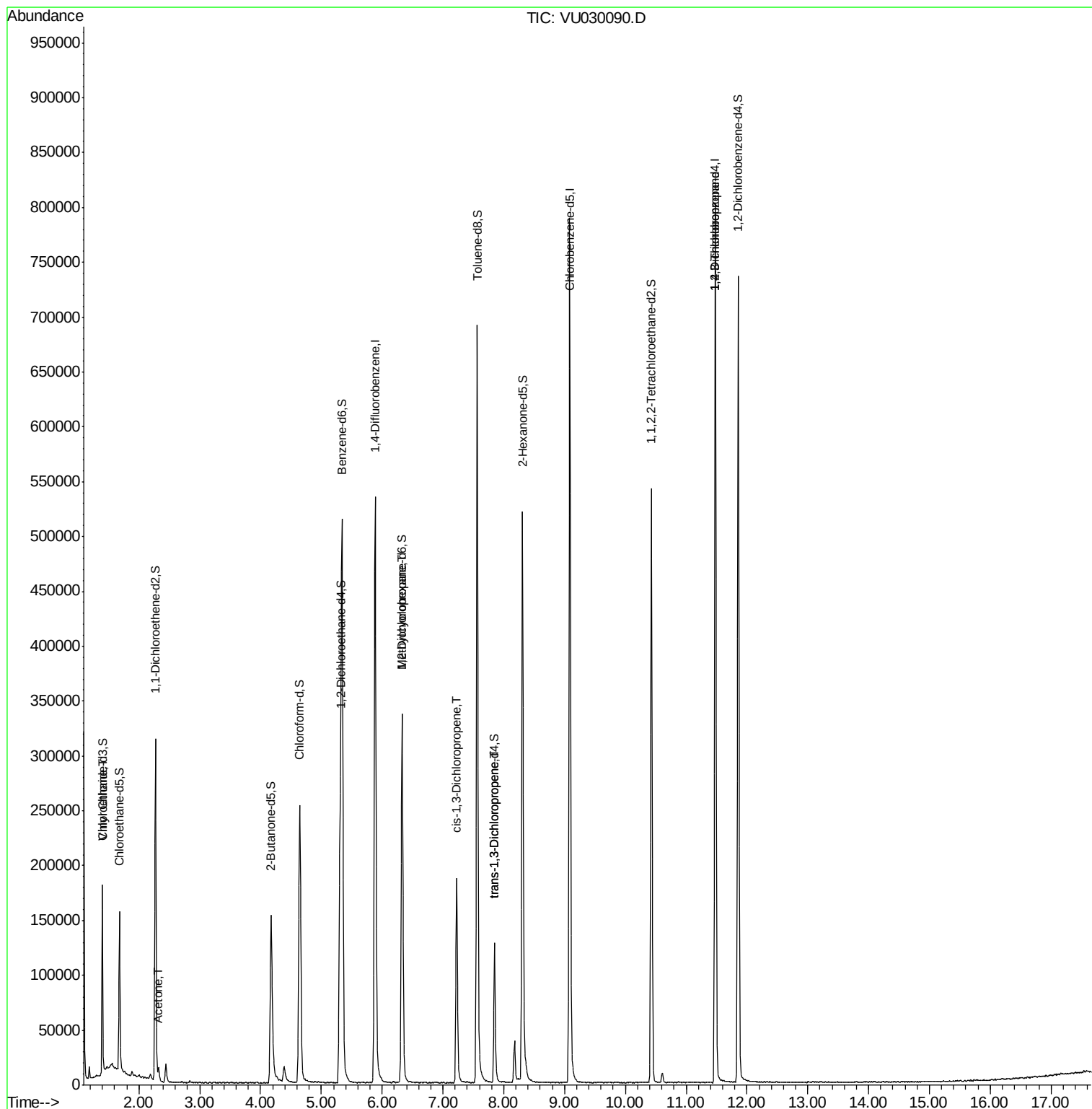
					Qvalue
8) Chloroethane	1.41	64	7849	3.124 ug/L	86
13) Acetone	2.32	43	11404	3.924 ug/L	98
35) Methylcyclohexane	6.33	83	41600	7.069 ug/L #	22
39) cis-1,3-Dichloropropene	7.22	75	4228	0.746 ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	2763	0.534 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	23484	4.951 ug/L	91

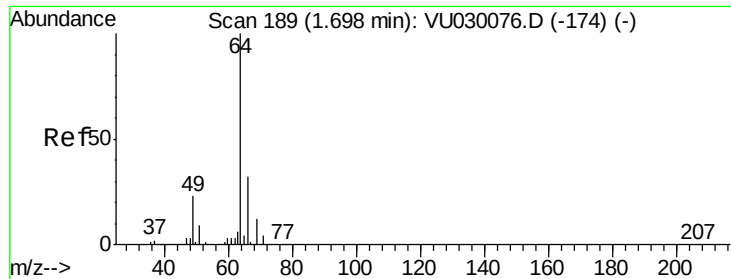
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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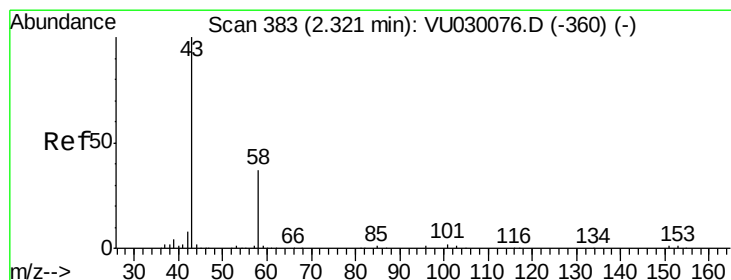
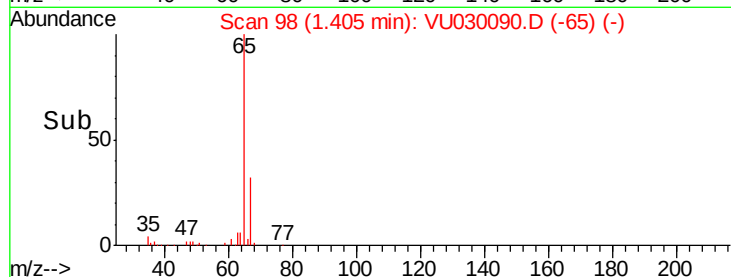
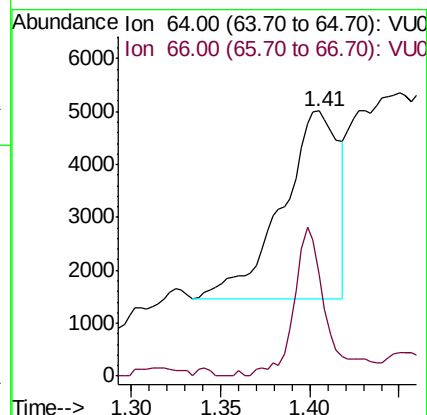
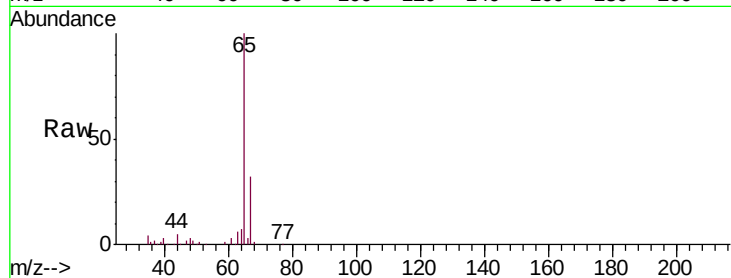




#8
Chloroethane
Concen: 3.124 ug/L
RT: 1.41 min Scan# 98
Delta R.T. -0.29 min
Lab File: VU030090.D
Acq: 14 Mar 2019 21:32

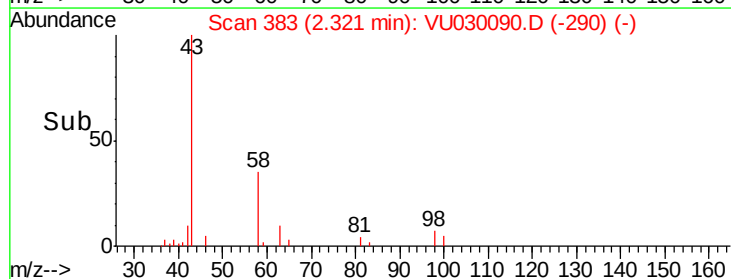
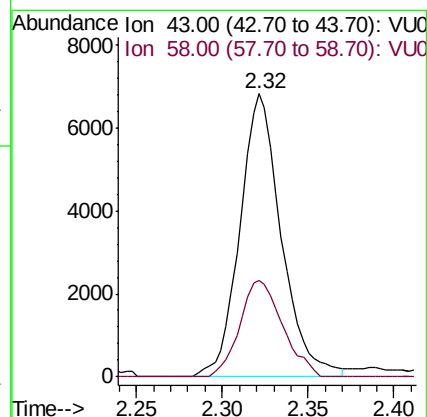
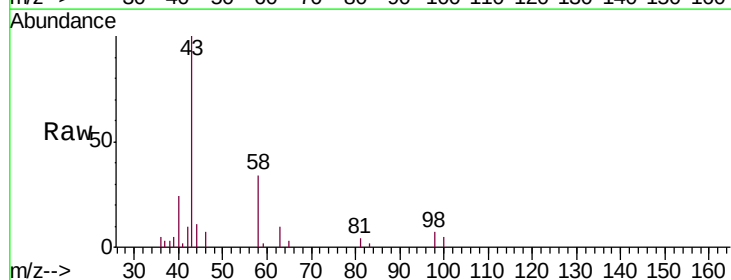
Instrument :
MSVOA_U
ClientSampleId :
C09B5

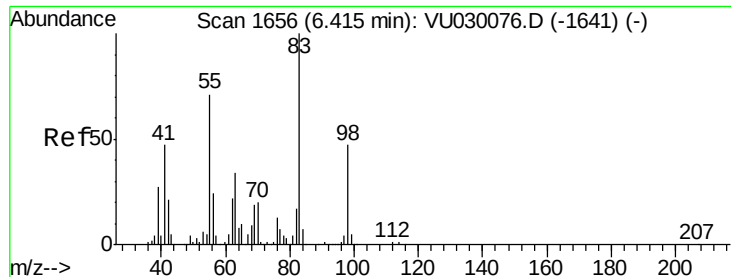
Tgt Ion: 64 Resp: 7849
Ion Ratio Lower Upper
64 100
66 38.4 21.3 39.6



#13
Acetone
Concen: 3.924 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU030090.D
Acq: 14 Mar 2019 21:32

Tgt Ion: 43 Resp: 11404
Ion Ratio Lower Upper
43 100
58 35.1 0.0 73.0

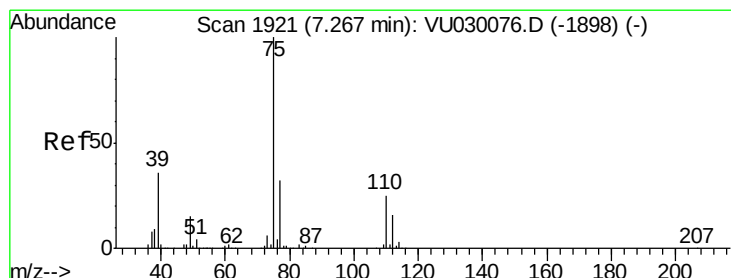
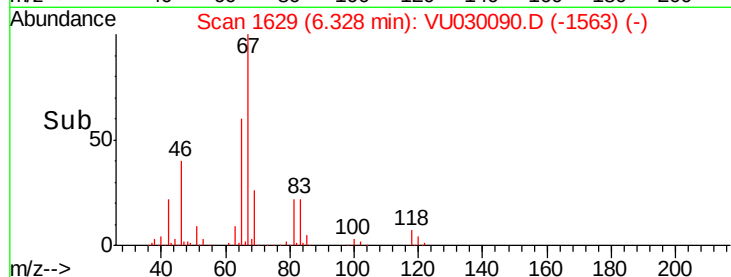
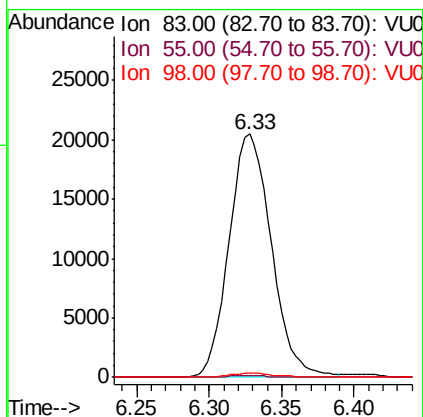
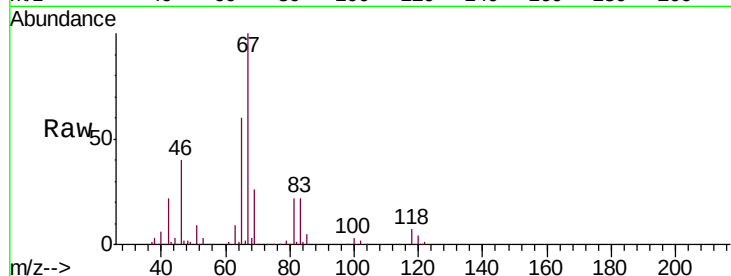




#35
Methylcyclohexane
Concen: 7.069 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.09 min
Lab File: VU030090.D
Acq: 14 Mar 2019 21:32

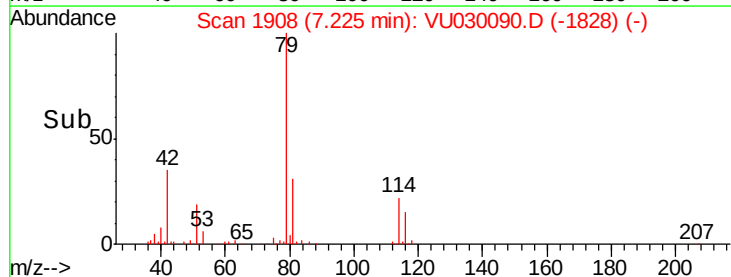
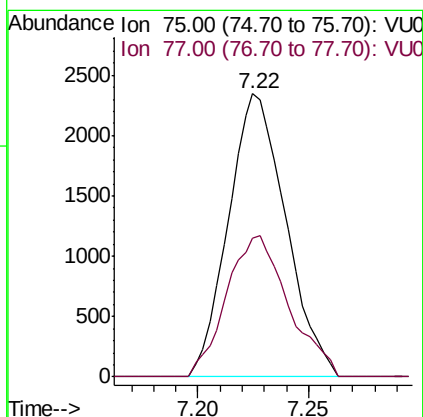
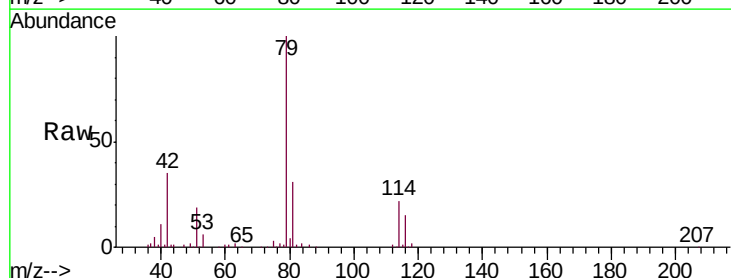
Instrument :
MSVOA_U
ClientSampleId :
C09B5

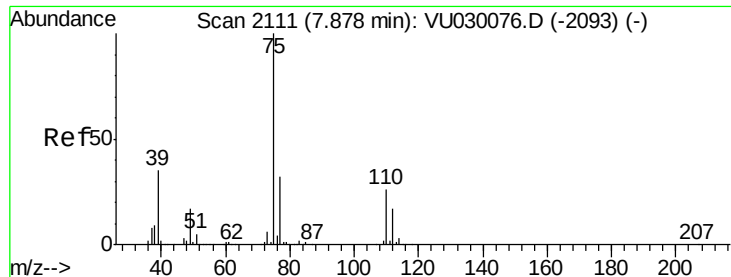
Tgt Ion: 83 Resp: 41600
Ion Ratio Lower Upper
83 100
55 0.3 56.6 84.8#
98 1.6 37.8 56.6#



#39
cis-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030090.D
Acq: 14 Mar 2019 21:32

Tgt Ion: 75 Resp: 4228
Ion Ratio Lower Upper
75 100
77 49.2 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.534 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030090.D

Acq: 14 Mar 2019 21:32

Instrument :

MSVOA_U

ClientSampled :

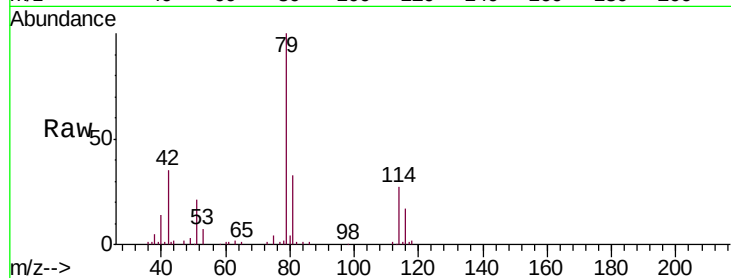
C09B5

Tgt Ion: 75 Resp: 2763

Ion Ratio Lower Upper

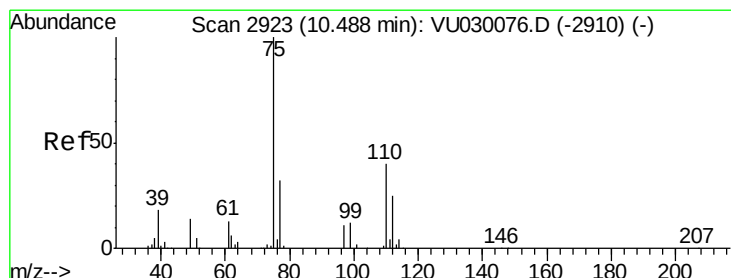
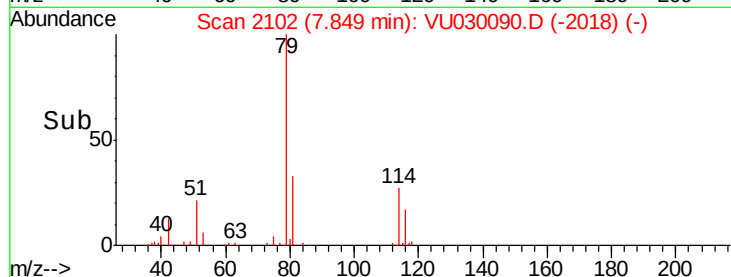
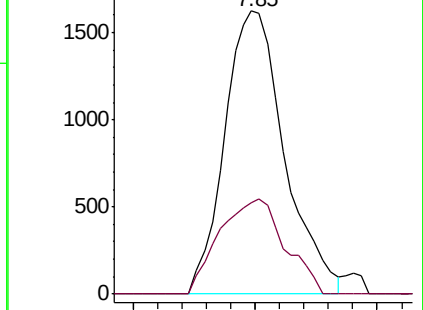
75 100

77 32.4 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030076.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030076.D (-2093) (-)



#59

1,2,3-Trichloropropane

Concen: 4.951 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030090.D

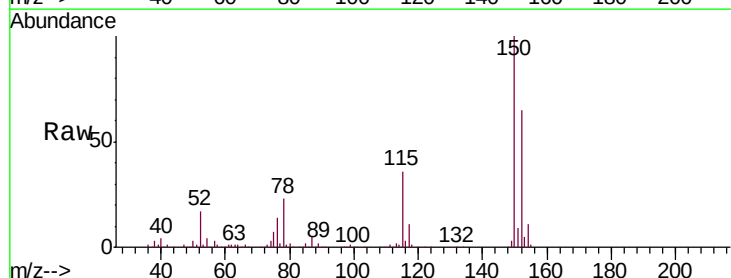
Acq: 14 Mar 2019 21:32

Tgt Ion: 75 Resp: 23484

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU030076.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU030076.D (-2910) (-)

