

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029891.D
 Acq On : 08 Mar 2019 16:37
 Operator : JC/SP
 Sample : K1734-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1E3

Quant Time: Mar 08 22:18:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	462781	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215472	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116474	34.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.70%
7) Chloroethane-d5	1.68	69	108168	35.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.76%
11) 1,1-Dichloroethene-d2	2.27	63	169941	25.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.28%#
21) 2-Butanone-d5	4.17	46	205954	99.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.80%
24) Chloroform-d	4.65	84	251602	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
26) 1,2-Dichloroethane-d4	5.31	65	155557	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
32) Benzene-d6	5.34	84	532599	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.33	67	166710	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.38%
41) Toluene-d8	7.56	98	480300	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%
43) trans-1,3-Dichloropropene-	7.85	79	74783	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.34%
47) 2-Hexanone-d5	8.31	63	164926	86.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	257791	44.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	207128	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%

Target Compounds

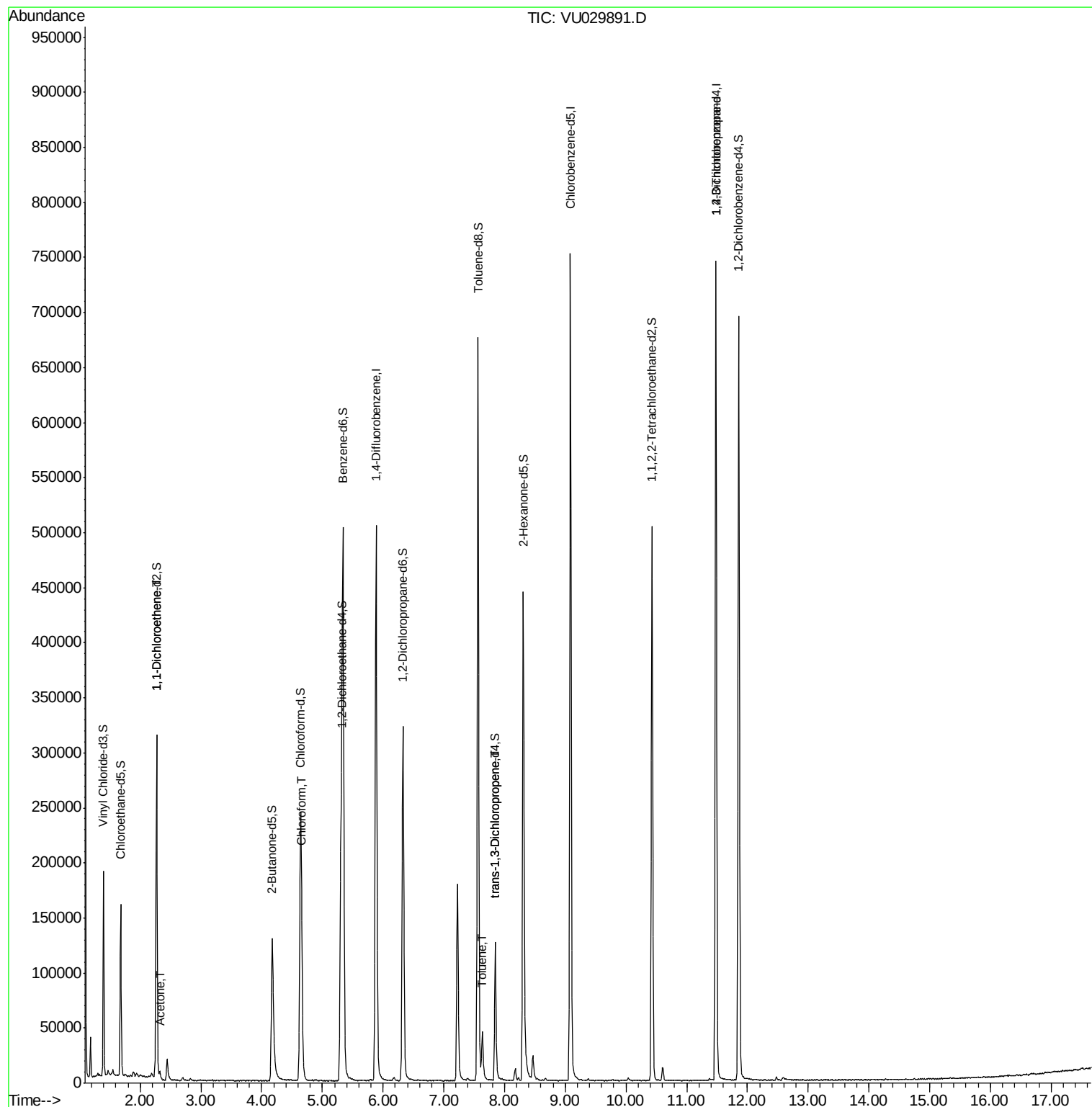
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.27	96	1732	0.565	ug/L #	1
13) Acetone	2.32	43	5858	2.656	ug/L	95
25) Chloroform	4.67	83	18059	3.309	ug/L	89
42) Toluene	7.64	91	33838	2.467	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	2947	0.637	ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	21862	5.037	ug/L	95

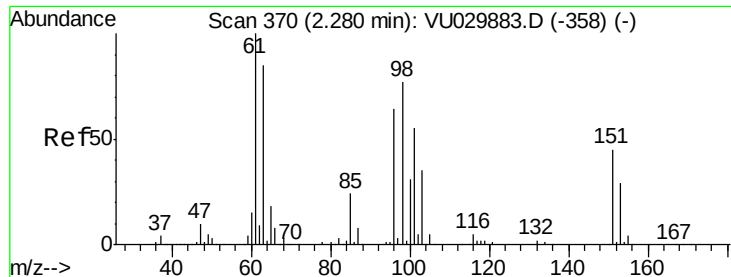
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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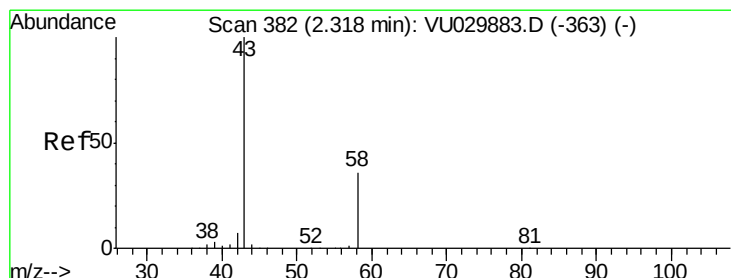
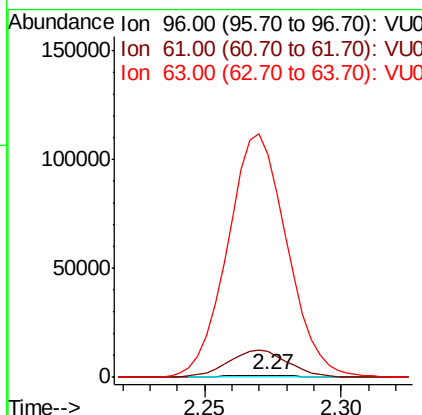
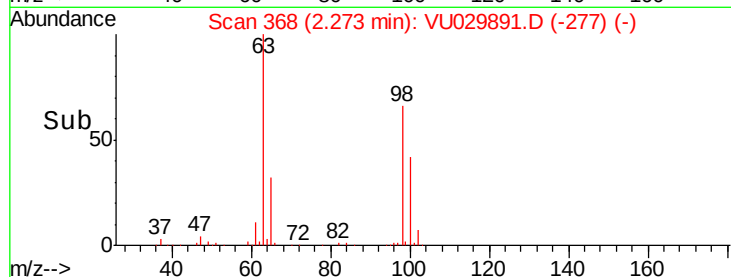
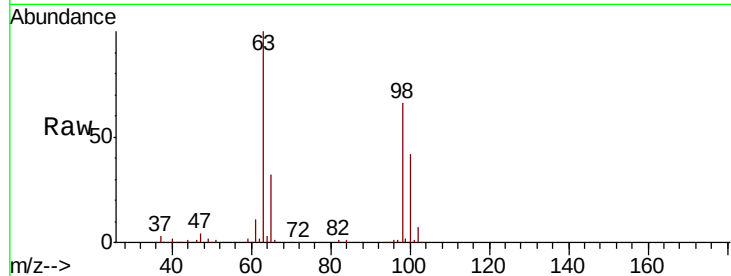




#12
 1,1-Dichloroethene
 Concen: 0.565 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU029891.D
 Acq: 08 Mar 2019 16:37

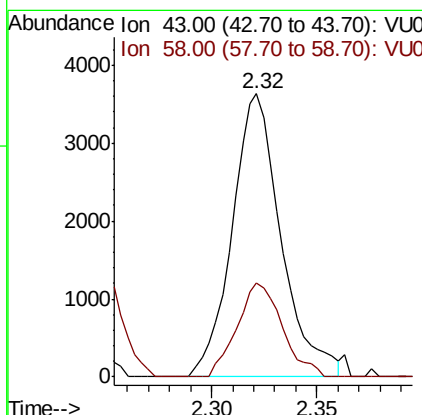
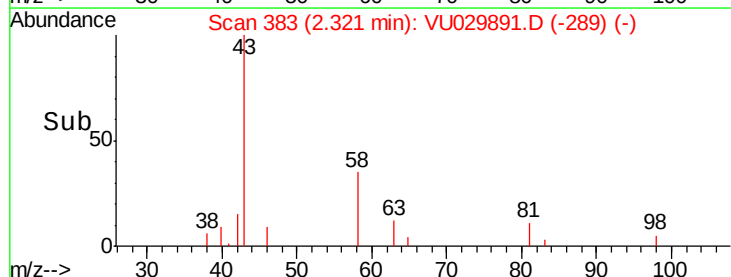
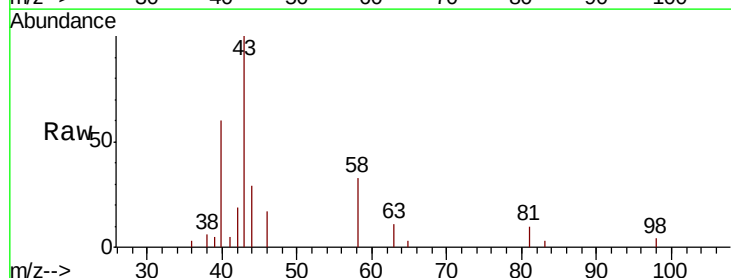
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1E3

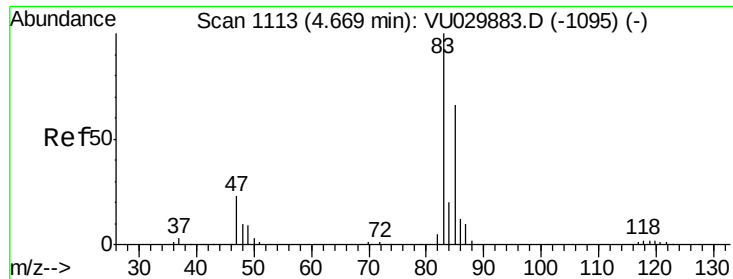
Tgt Ion: 96 Resp: 1732
 Ion Ratio Lower Upper
 96 100
 61 1145.5 114.0 211.8#
 63 10003.9 98.7 183.3#



#13
 Acetone
 Concen: 2.656 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU029891.D
 Acq: 08 Mar 2019 16:37

Tgt Ion: 43 Resp: 5858
 Ion Ratio Lower Upper
 43 100
 58 30.6 0.0 66.8

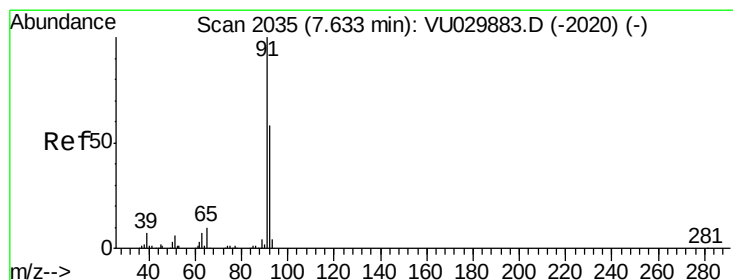
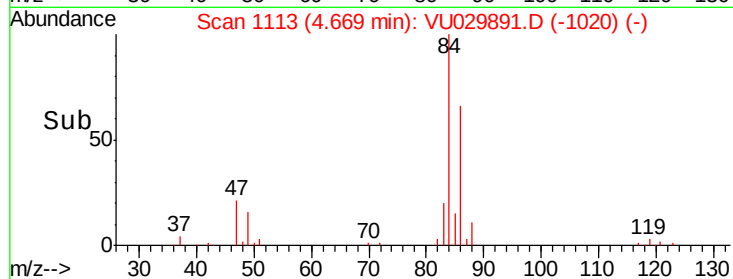
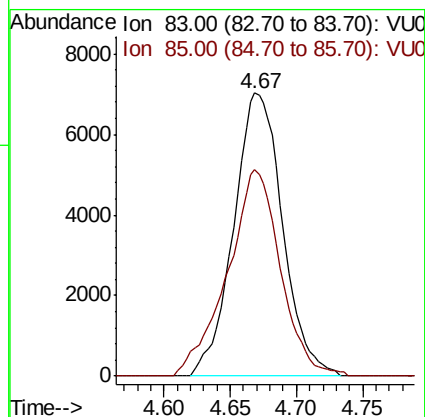
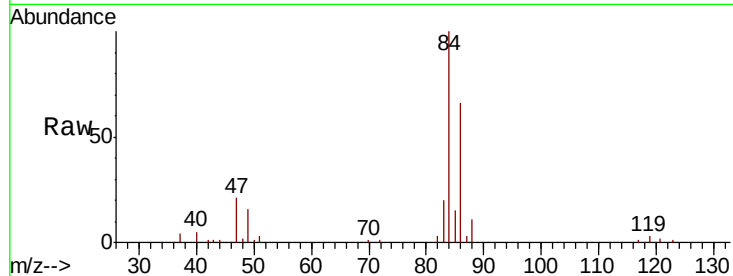




#25
Chloroform
Concen: 3.309 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029891.D
Acq: 08 Mar 2019 16:37

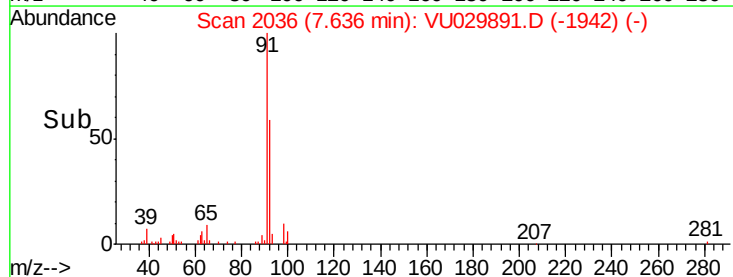
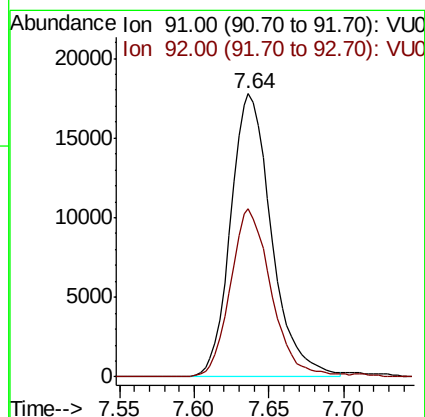
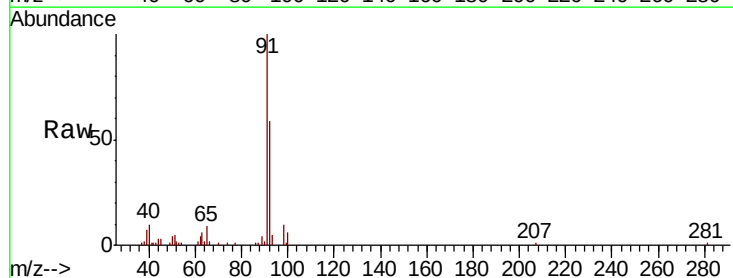
Instrument :
MSVOA_U
ClientSampleId :
BF1E3

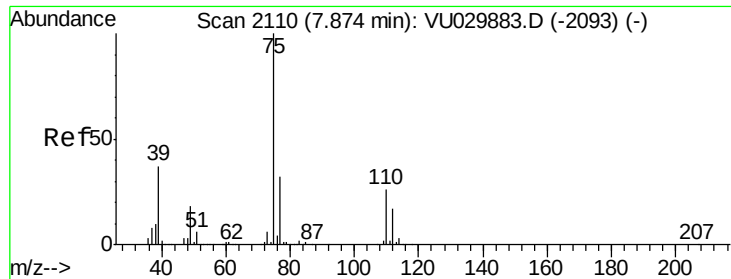
Tgt Ion: 83 Resp: 18059
Ion Ratio Lower Upper
83 100
85 73.2 45.4 84.2



#42
Toluene
Concen: 2.467 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029891.D
Acq: 08 Mar 2019 16:37

Tgt Ion: 91 Resp: 33838
Ion Ratio Lower Upper
91 100
92 59.4 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 0.637 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029891.D

Acq: 08 Mar 2019 16:37

Instrument :

MSVOA_U

ClientSampleId :

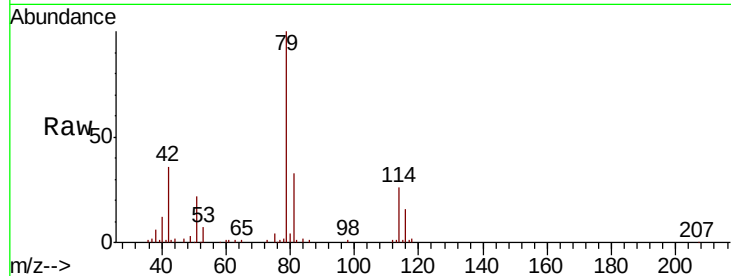
BF1E3

Tgt Ion: 75 Resp: 2947

Ion Ratio Lower Upper

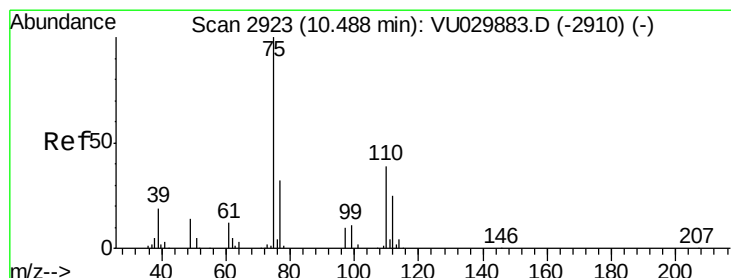
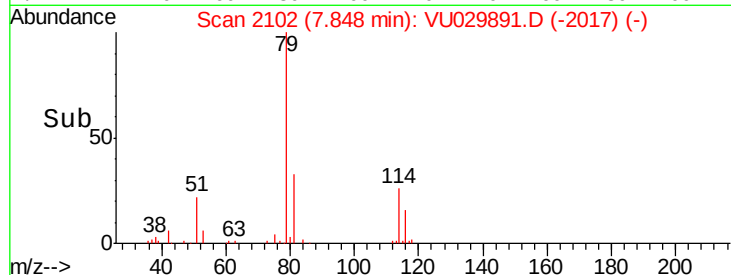
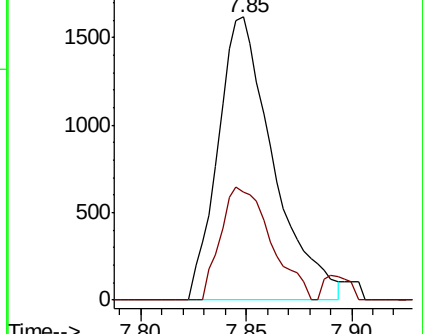
75 100

77 38.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.037 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029891.D

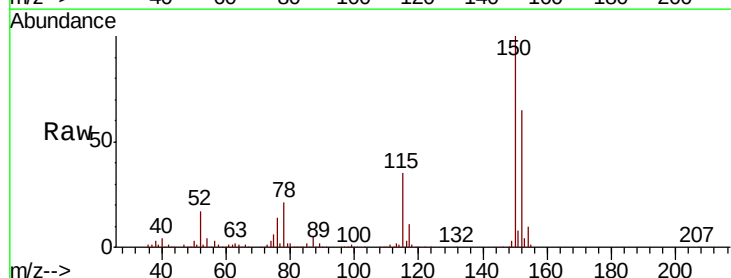
Acq: 08 Mar 2019 16:37

Tgt Ion: 75 Resp: 21862

Ion Ratio Lower Upper

75 100

77 34.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

