

Data File : VU033406.D
Acq On : 25 Jul 2019 13:35
Operator : JC/SP
Sample : K3957-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A12

Quant Time: Jul 26 04:37:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:32:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	262997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	269188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	114821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	75532	37.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.88%
7) Chloroethane-d5	1.67	69	75513	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.25	63	109578	30.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.68%
21) 2-Butanone-d5	4.15	46	118138	93.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.65%
24) Chloroform-d	4.62	84	145578	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
26) 1,2-Dichloroethane-d4	5.29	65	103389	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.32	84	289117	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
36) 1,2-Dichloropropane-d6	6.31	67	99955	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.50%
41) Toluene-d8	7.55	98	253270	40.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.34%
43) trans-1,3-Dichloropropene-	7.83	79	42602	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.14%
47) 2-Hexanone-d5	8.29	63	89402	93.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.75%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	155195	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	104187	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%

Target Compounds

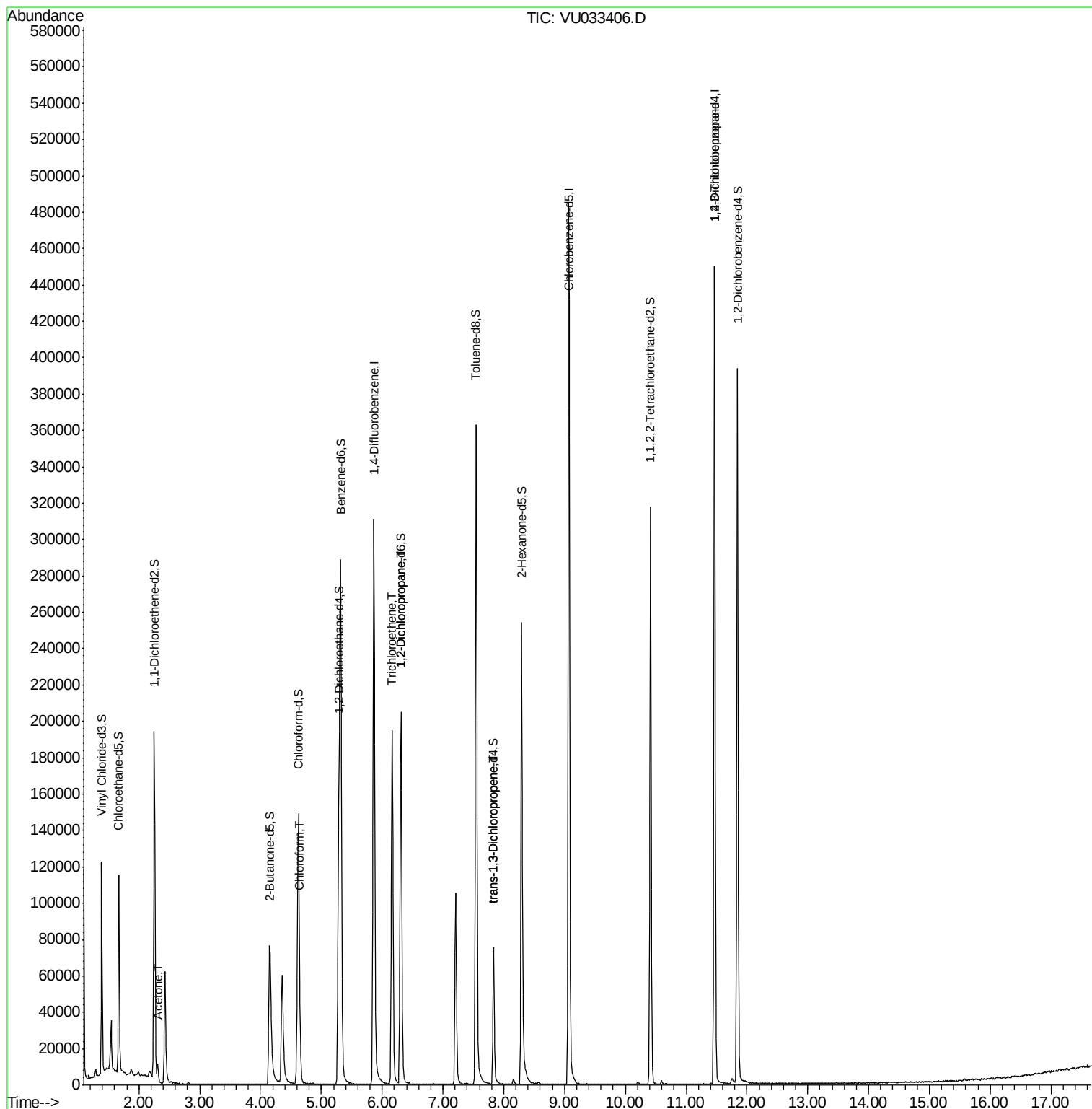
					Qvalue
13) Acetone	2.31	43	9699	6.154 ug/L	95
25) Chloroform	4.65	83	11365	3.064 ug/L	95
34) Trichloroethene	6.16	95	68849	33.535 ug/L	98
37) 1,2-Dichloropropane	6.31	63	11127	5.226 ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	1870	0.635 ug/L	85
59) 1,2,3-Trichloropropane	11.47	75	14418	5.202 ug/L	90

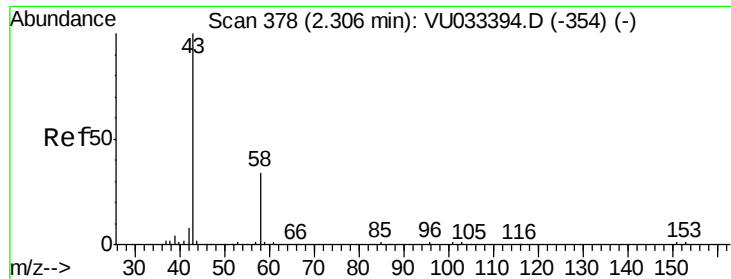
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.154 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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Acq: 25 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampleId :

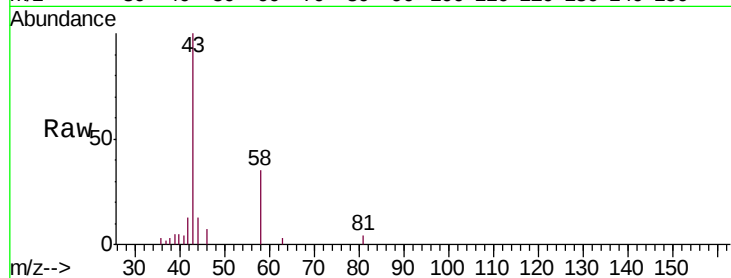
F2A12

Tgt Ion: 43 Resp: 9699

Ion Ratio Lower Upper

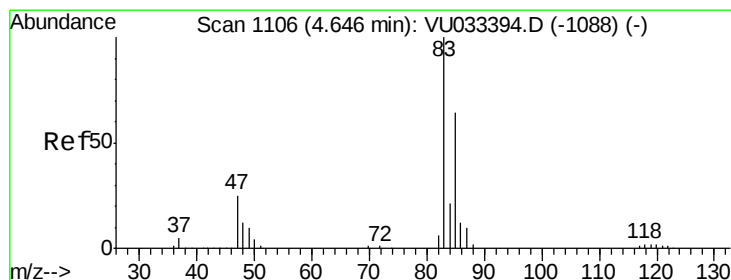
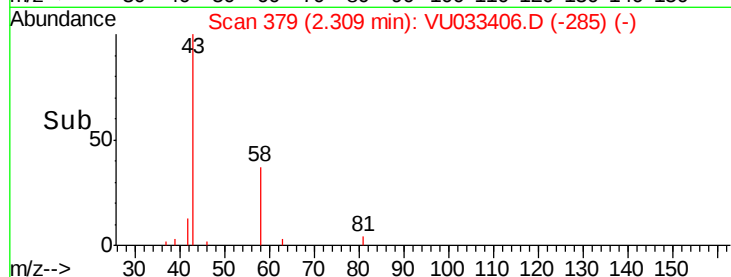
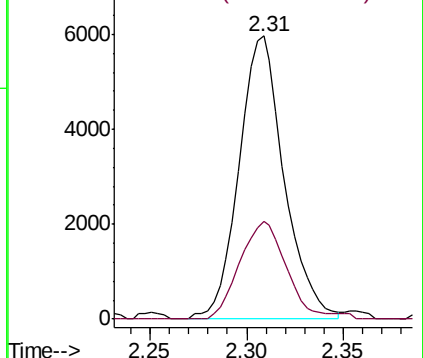
43 100

58 35.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033394.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VU033394.D (-354) (-)



#25

Chloroform

Concen: 3.064 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033406.D

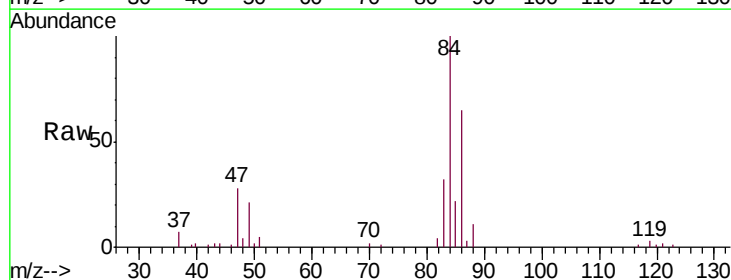
Acq: 25 Jul 2019 13:35

Tgt Ion: 83 Resp: 11365

Ion Ratio Lower Upper

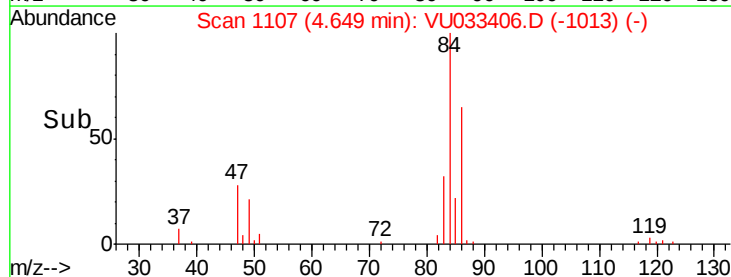
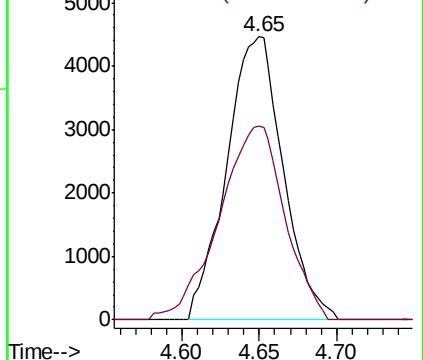
83 100

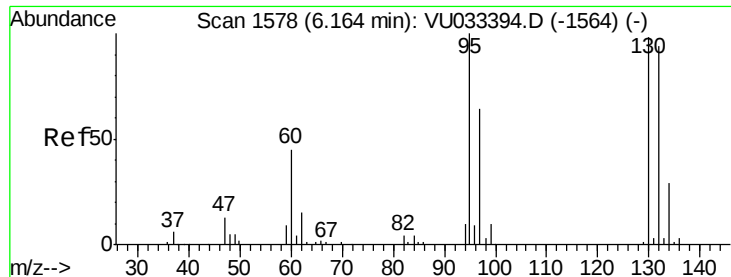
85 68.6 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033394.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU033394.D (-1088) (-)

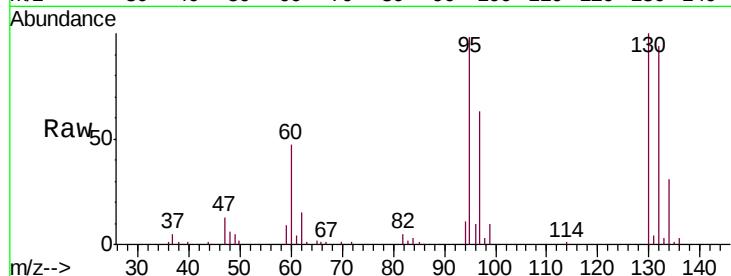




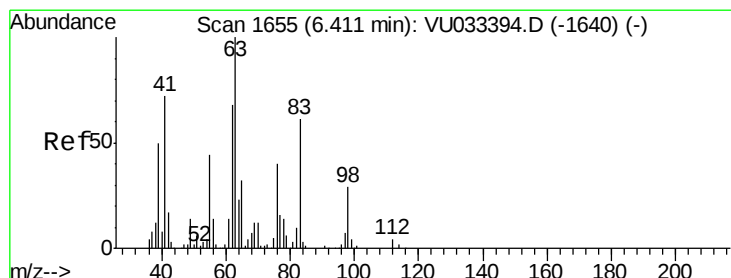
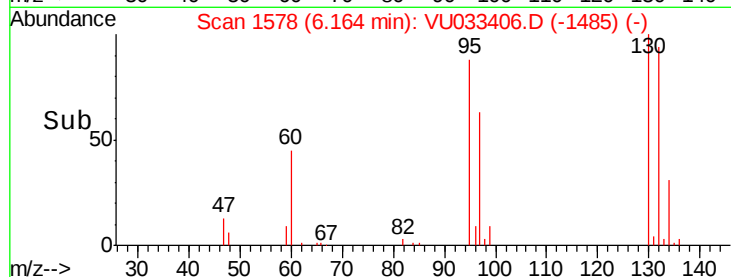
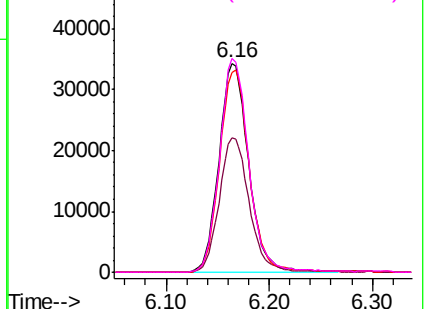
#34
 Trichloroethene
 Concen: 33.535 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033406.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 F2A12

Tgt Ion: 95 Resp: 68849
 Ion Ratio Lower Upper
 95 100
 97 64.2 43.8 81.4
 132 95.7 65.5 121.6
 130 102.1 69.7 129.5

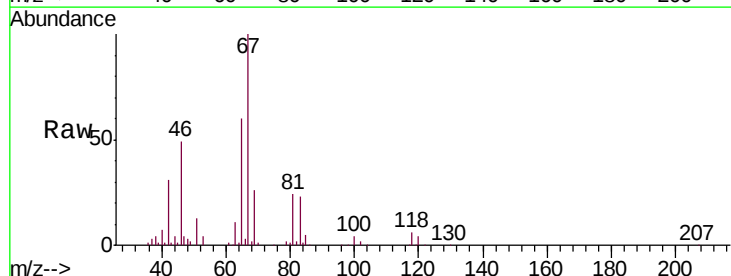


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

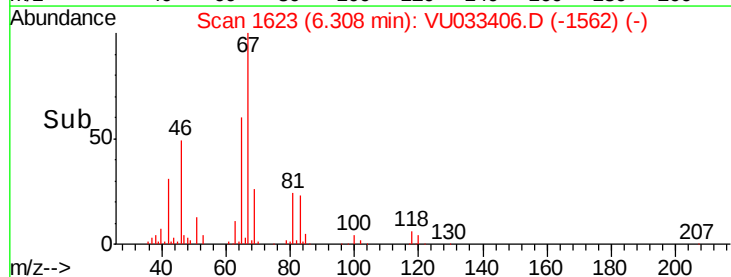
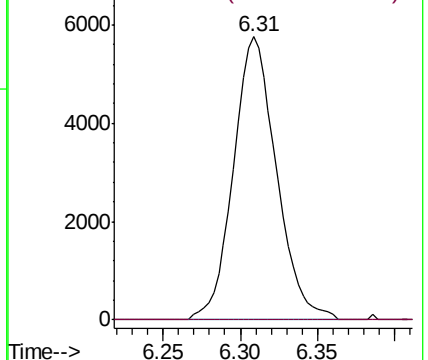


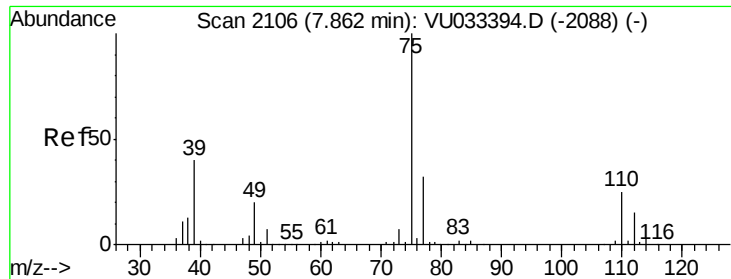
#37
 1,2-Dichloropropane
 Concen: 5.226 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033406.D
 Acq: 25 Jul 2019 13:35

Tgt Ion: 63 Resp: 11127
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.635 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033406.D

Acq: 25 Jul 2019 13:35

Instrument :

MSVOA_U

ClientSampled :

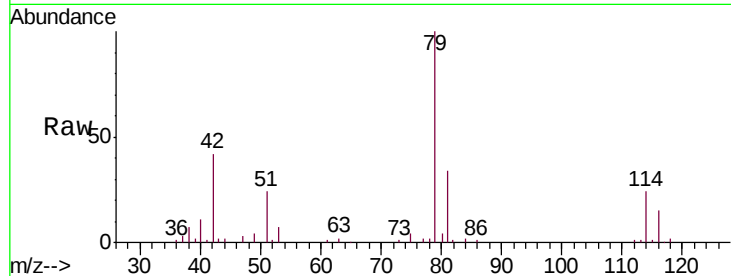
F2A12

Tgt Ion: 75 Resp: 1870

Ion Ratio Lower Upper

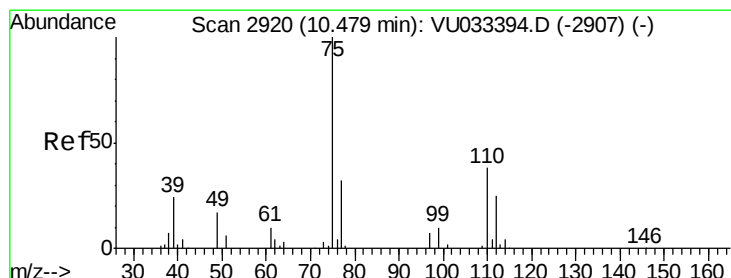
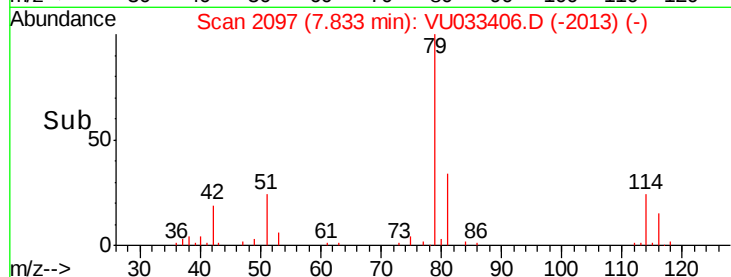
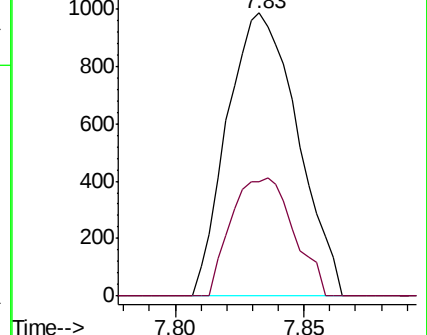
75 100

77 40.2 22.4 41.6



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: 5.202 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033406.D

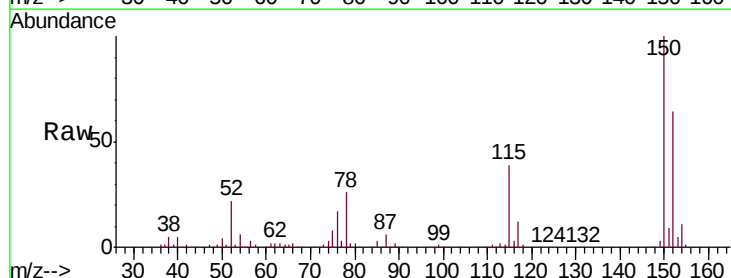
Acq: 25 Jul 2019 13:35

Tgt Ion: 75 Resp: 14418

Ion Ratio Lower Upper

75 100

77 38.0 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

