

Data File : VU030646.D
Acq On : 03 Apr 2019 22:31
Operator : JC/SP
Sample : K2167-10ME
Misc : 5.76g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF111ME

Quant Time: Apr 04 06:58:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	572509	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	566480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	275004	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	176637	38.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.68%
7) Chloroethane-d5	1.71	69	233	0.06	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.24	63	272138	31.14	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.28%
21) 2-Butanone-d5	4.19	46	336447	77.68	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.68%
24) Chloroform-d	4.64	84	301970	38.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.08%
26) 1,2-Dichloroethane-d4	5.30	65	208103	40.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.12%
32) Benzene-d6	5.33	84	672878	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.84%
36) 1,2-Dichloropropane-d6	6.32	67	228702	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.30%
41) Toluene-d8	7.56	98	595639	40.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.66%
43) trans-1,3-Dichloropropene-	7.85	79	99804	38.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.38%
47) 2-Hexanone-d5	8.32	63	252244	83.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332734	41.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	234332	42.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.06%

Target Compounds

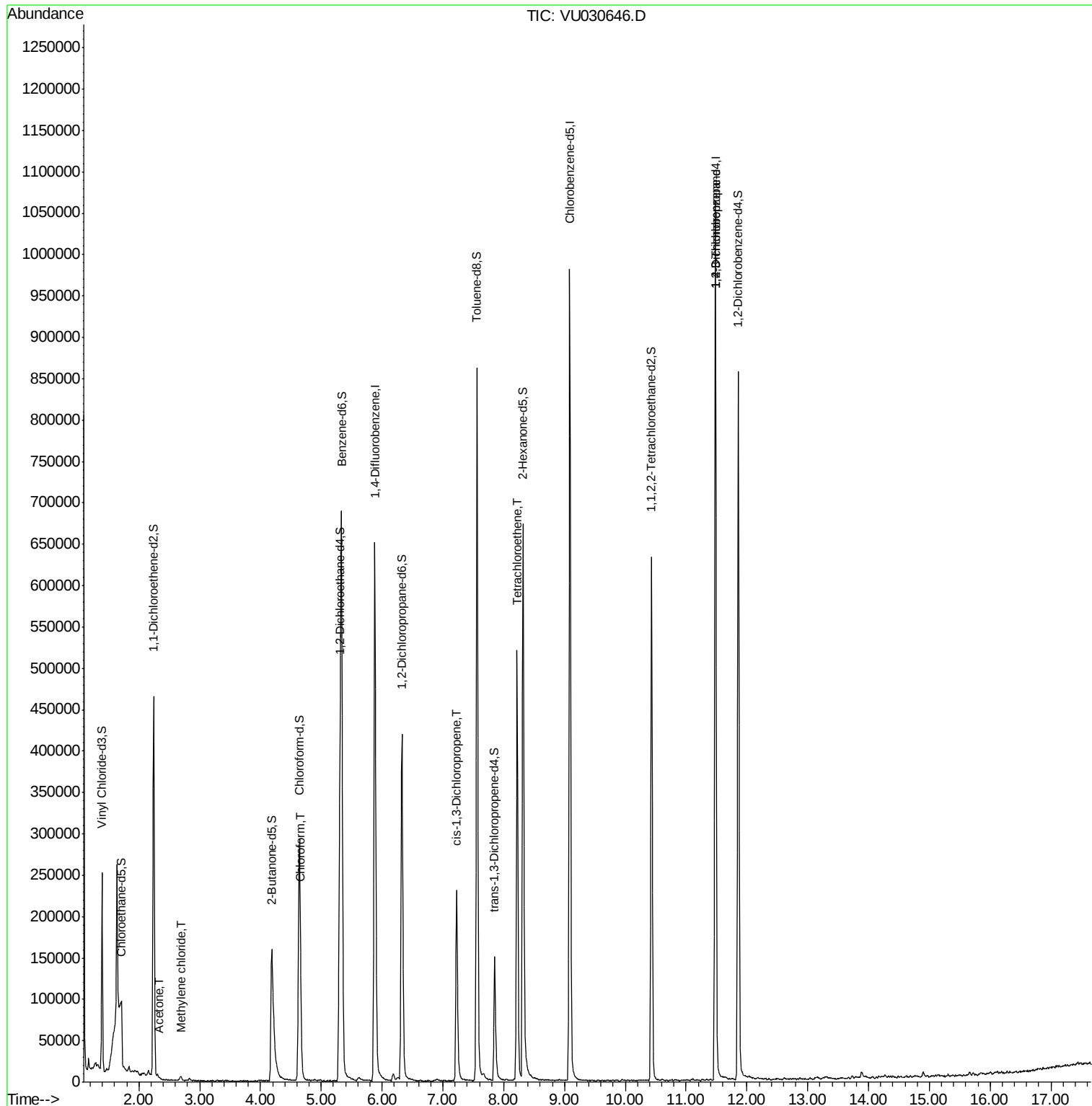
					Qvalue
13) Acetone	2.34	43	2107	0.481 ug/L	92
16) Methylene chloride	2.68	84	2706	0.560 ug/L #	67
25) Chloroform	4.67	83	12855	1.534 ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	5647	0.718 ug/L #	65
46) Tetrachloroethene	8.22	164	117886	35.604 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	34333	5.154 ug/L	95

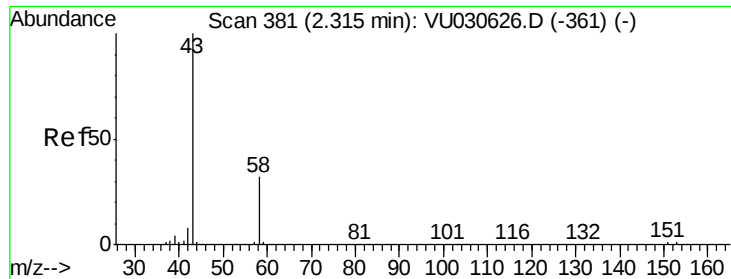
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.481 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

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Acq: 03 Apr 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

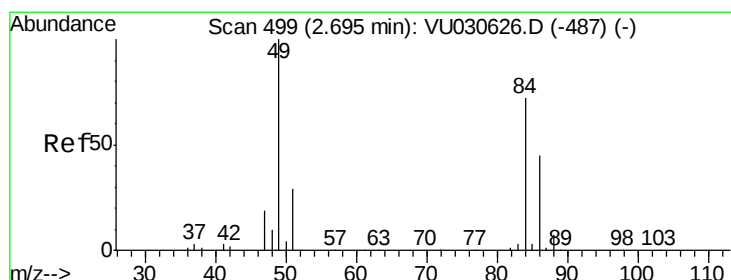
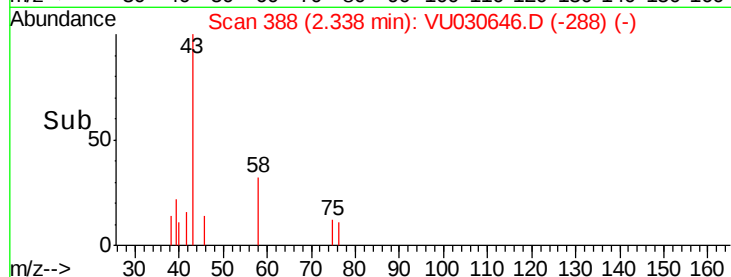
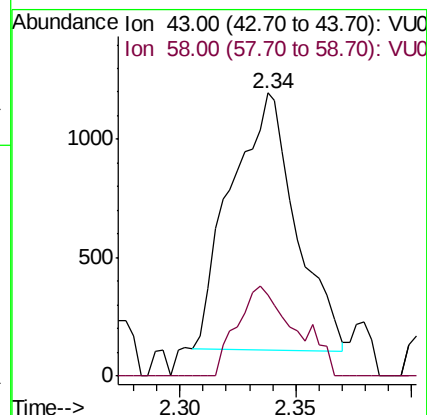
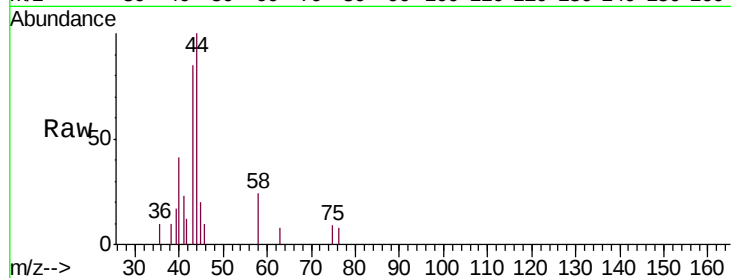
BF111ME

Tgt Ion: 43 Resp: 2107

Ion Ratio Lower Upper

43 100

58 27.2 0.0 62.8



#16

Methylene chloride

Concen: 0.560 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.01 min

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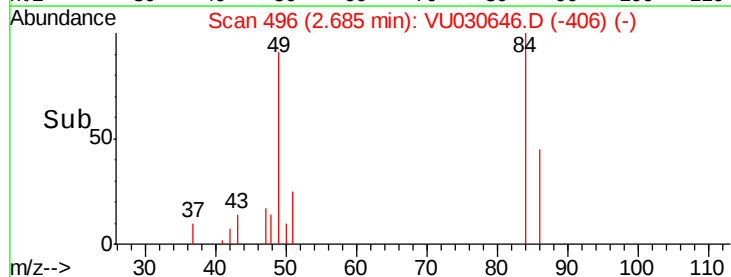
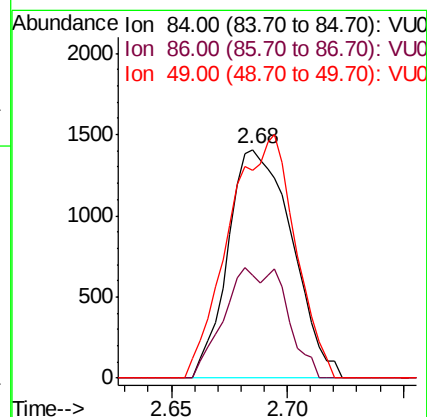
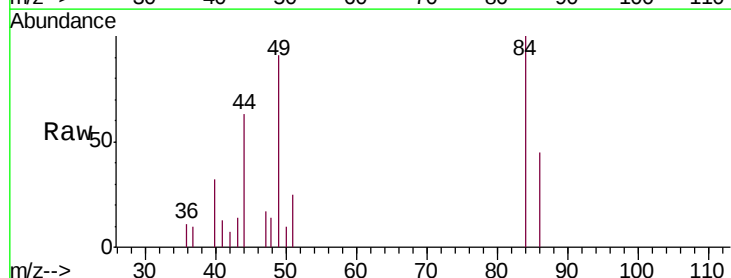
Tgt Ion: 84 Resp: 2706

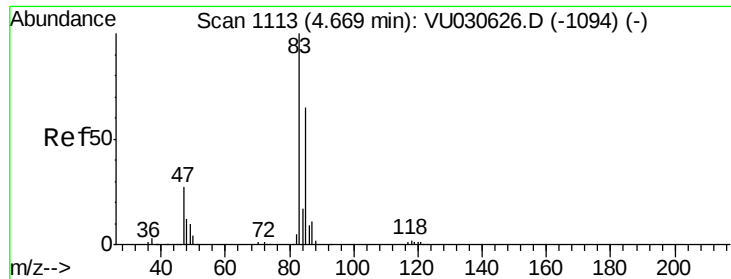
Ion Ratio Lower Upper

84 100

86 44.8 44.3 82.3

49 90.7 94.9 176.3#





#25

Chloroform

Concen: 1.534 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

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Acq: 03 Apr 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

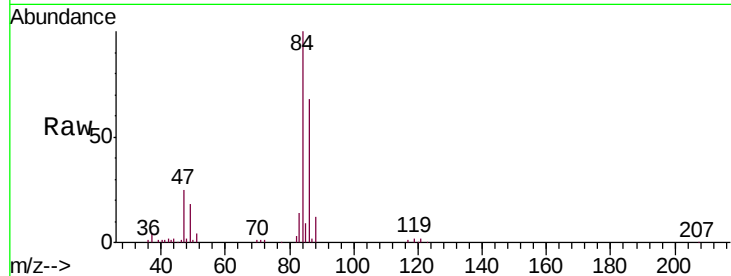
BF111ME

Tgt Ion: 83 Resp: 12855

Ion Ratio Lower Upper

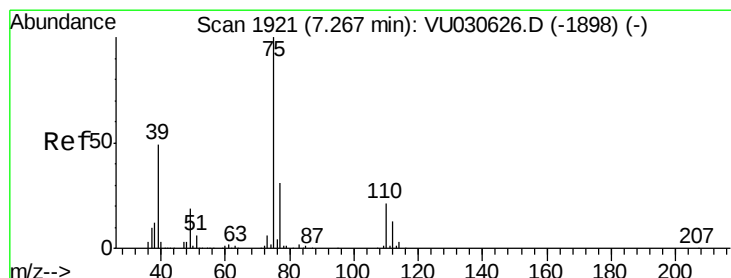
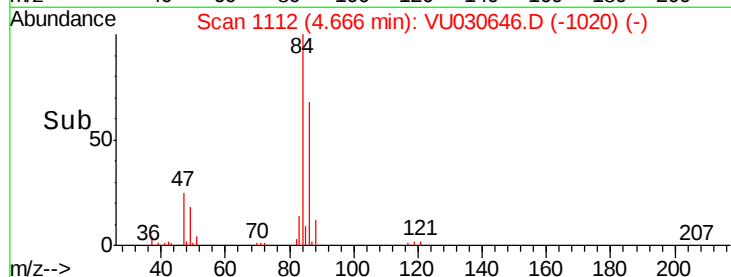
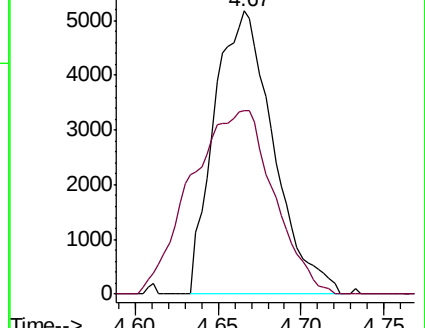
83 100

85 65.0 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030626.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030626.D (-1094) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030646.D

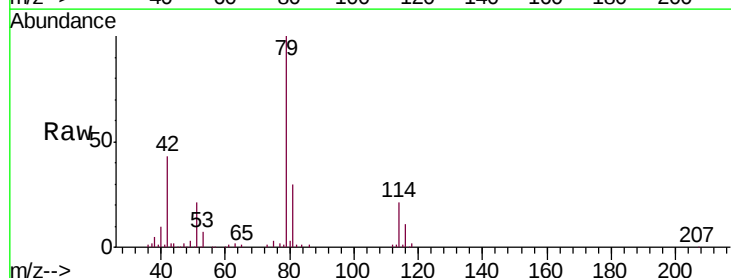
Acq: 03 Apr 2019 22:31

Tgt Ion: 75 Resp: 5647

Ion Ratio Lower Upper

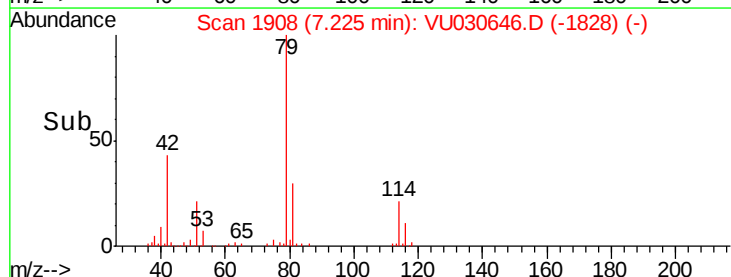
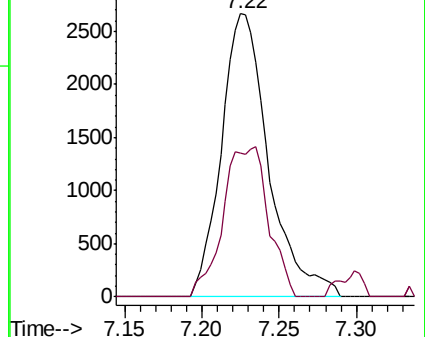
75 100

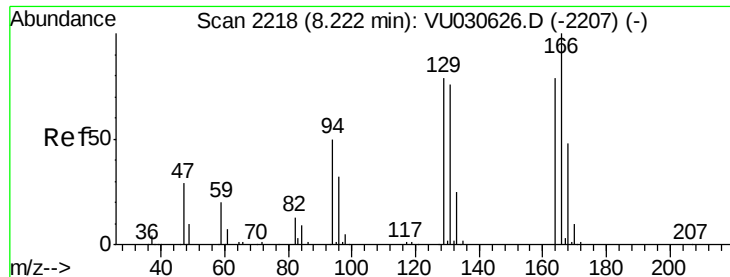
77 50.6 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU030626.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030626.D (-1898) (-)





#46

Tetrachloroethene

Concen: 35.604 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU030646.D

Acq: 03 Apr 2019 22:31

Instrument :

MSVOA_U

ClientSampleId :

BF111ME

Tgt Ion:164 Resp: 117886

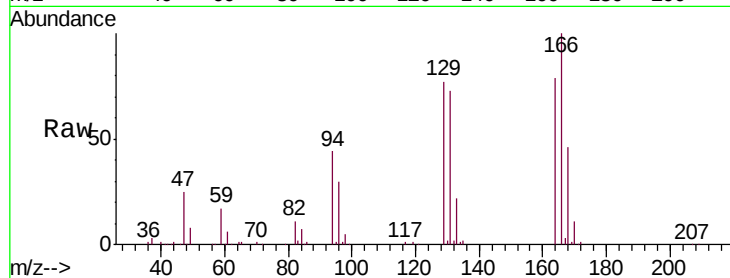
Ion Ratio Lower Upper

164 100

129 97.8 68.1 126.5

131 91.9 67.7 125.7

166 126.5 92.4 171.6

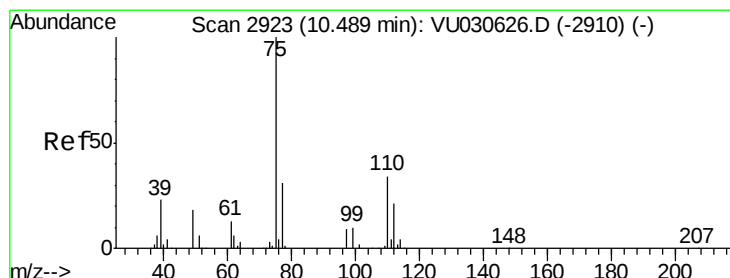
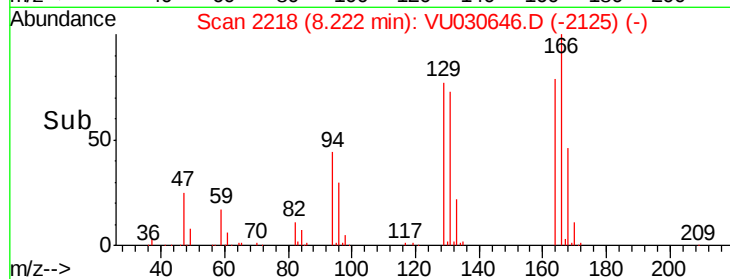
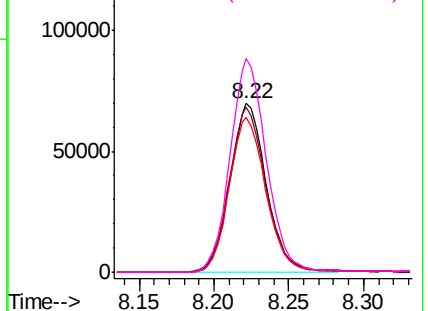


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.154 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030646.D

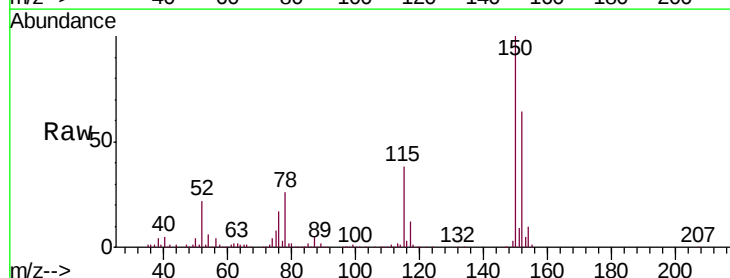
Acq: 03 Apr 2019 22:31

Tgt Ion: 75 Resp: 34333

Ion Ratio Lower Upper

75 100

77 34.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

