

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030699.D
 Acq On : 04 Apr 2019 21:42
 Operator : JC/SP
 Sample : K2128-22ME
 Misc : 5.97g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF102ME

Quant Time: Apr 05 02:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	380012	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	361682	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171068	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	148680	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.66%
7) Chloroethane-d5	1.64	69	102516	39.82	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.64%
11) 1,1-Dichloroethene-d2	2.24	63	216660	35.31	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	4.19	46	273432	101.70	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.64	84	230932	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	5.30	65	166566	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.33	84	501362	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
36) 1,2-Dichloropropane-d6	6.32	67	178300	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.56	98	424829	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%
43) trans-1,3-Dichloropropene-	7.85	79	72844	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
47) 2-Hexanone-d5	8.31	63	181887	109.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253374	51.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	160889	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%

Target Compounds

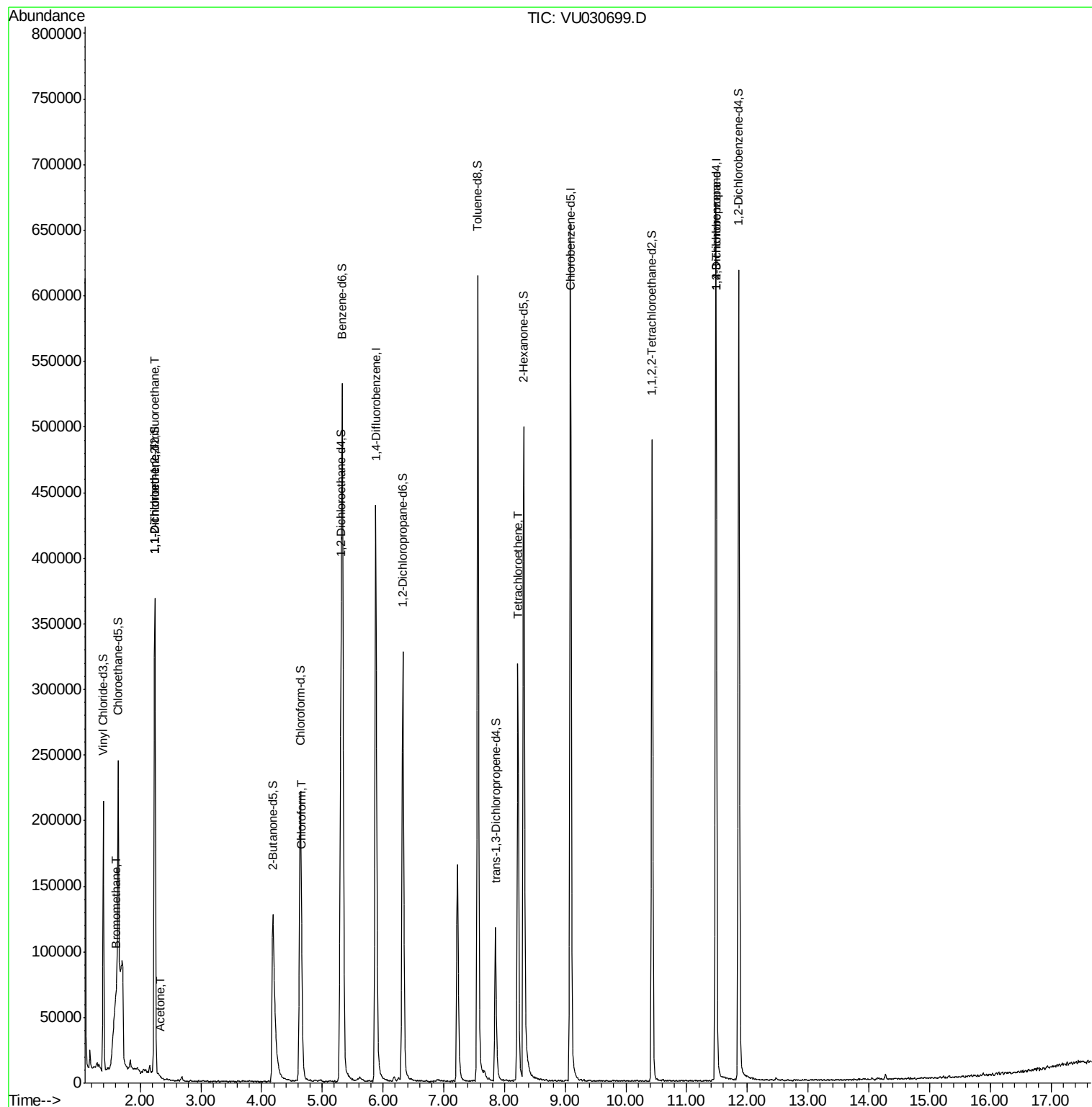
					Ovalue
6) Bromomethane	1.59	94	1862	0.860 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	1837	0.675 ug/L #	20
12) 1,1-Dichloroethene	2.24	96	1666	0.634 ug/L #	1
13) Acetone	2.34	43	1720	0.625 ug/L	81
25) Chloroform	4.67	83	14103	2.438 ug/L	99
46) Tetrachloroethene	8.22	164	71707	33.976 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	22964	5.721 ug/L	95

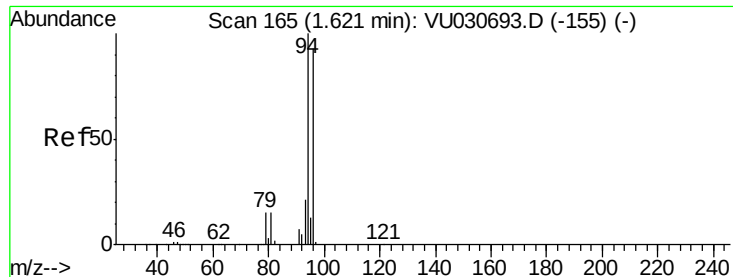
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.860 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.03 min

Lab File: VU030699.D

Acq: 04 Apr 2019 21:42

Instrument :

MSVOA_U

ClientSampleId :

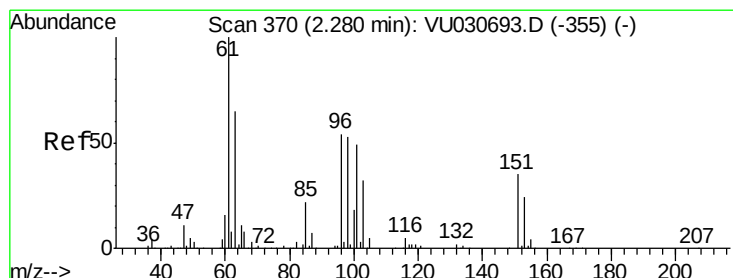
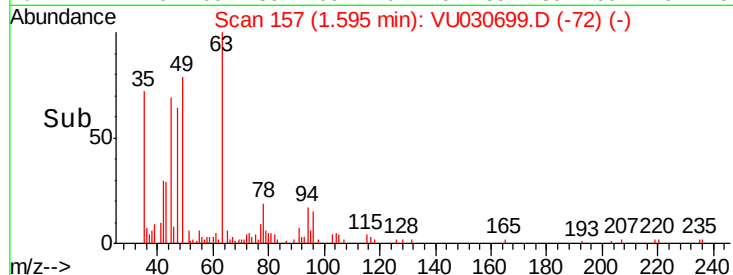
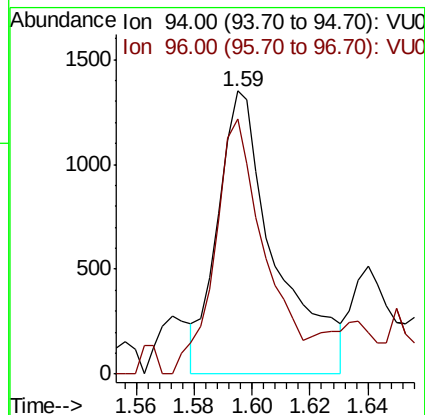
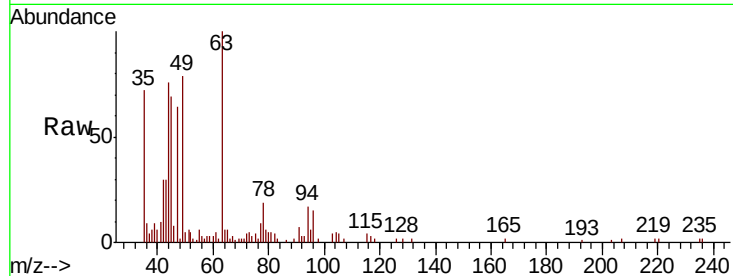
BF102ME

Tot Ion: 94 Resp: 1862

Ion Ratio Lower Upper

94 100

96 90.1 65.5 121.7



#10

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

Concen: 0.675 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU030699.D

Acq: 04 Apr 2019 21:42

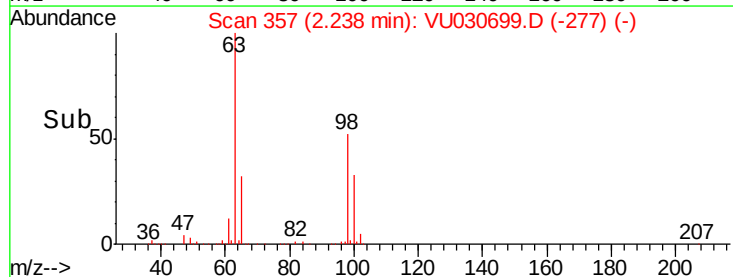
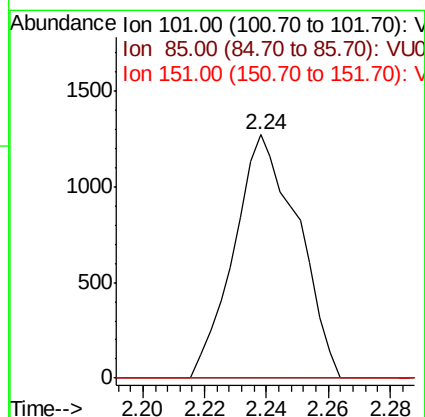
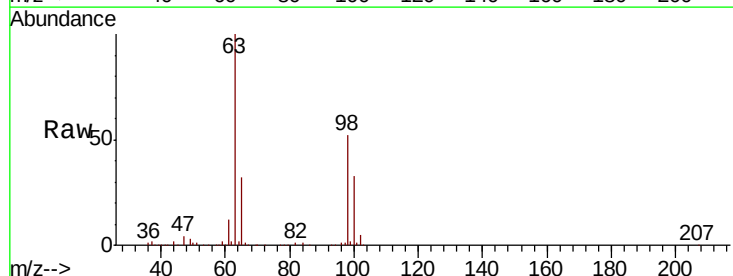
Tgt Ion: 101 Resp: 1837

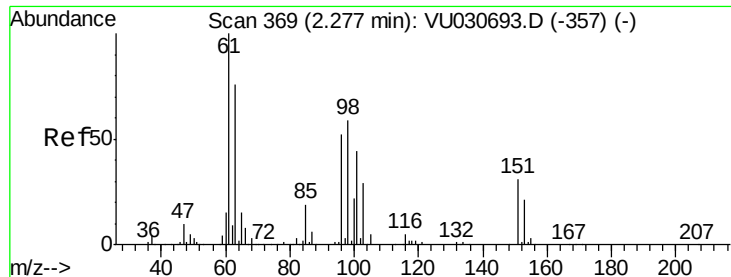
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#





#12

1,1-Dichloroethene

Concen: 0.634 ug/L

RT: 2.24 min Scan# 359

Delta R.T. -0.03 min

Lab File: VU030699.D

Acq: 04 Apr 2019 21:42

Instrument :

MSVOA_U

ClientSampleId :

BF102ME

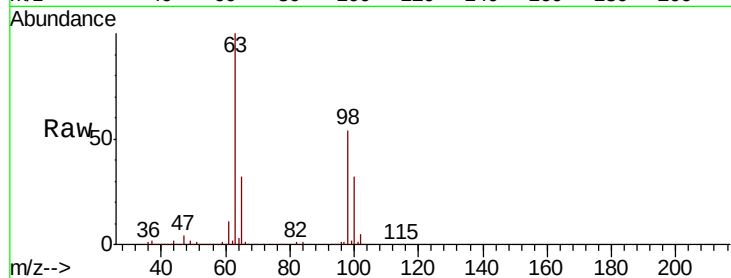
Tot Ion: 96 Resp: 1666

Ion Ratio Lower Upper

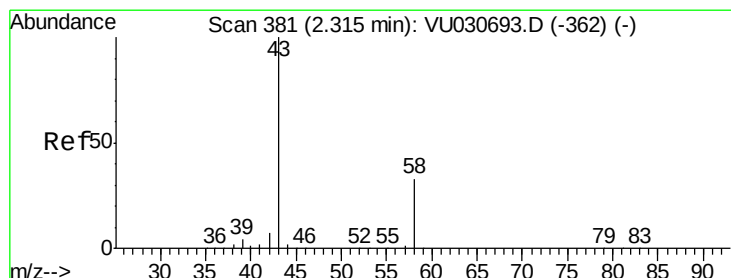
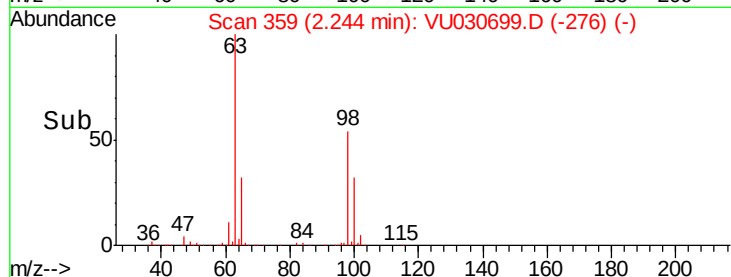
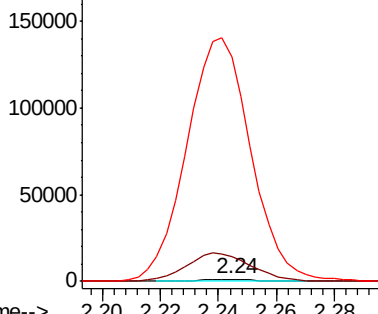
96 100

61 1130.9 132.0 245.2#

63 10211.2 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 0.625 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU030699.D

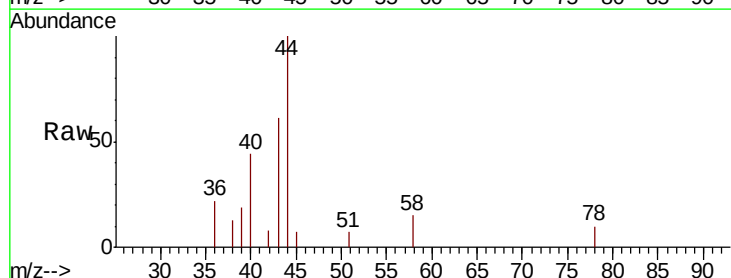
Acq: 04 Apr 2019 21:42

Tgt Ion: 43 Resp: 1720

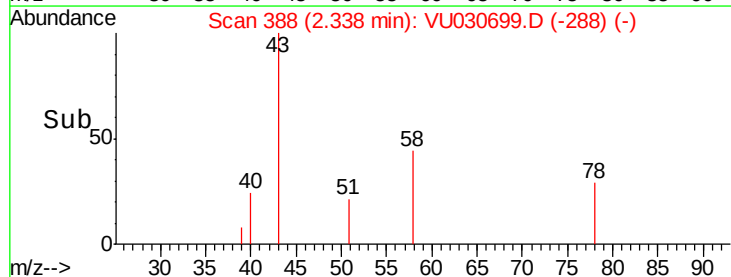
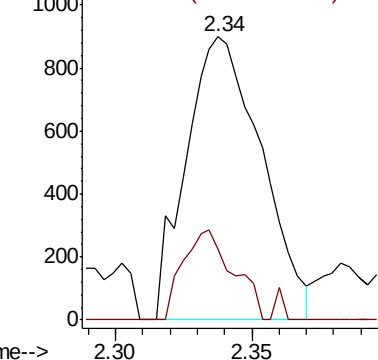
Ion Ratio Lower Upper

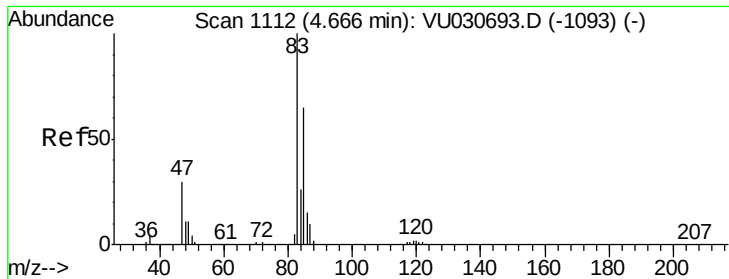
43 100

58 21.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#25

Chloroform

Concen: 2.438 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030699.D

Acq: 04 Apr 2019 21:42

Instrument :

MSVOA_U

ClientSampleId :

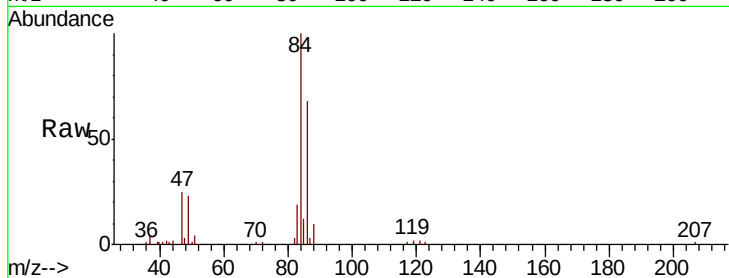
BF102ME

Tot Ion: 83 Resp: 14103

Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.0



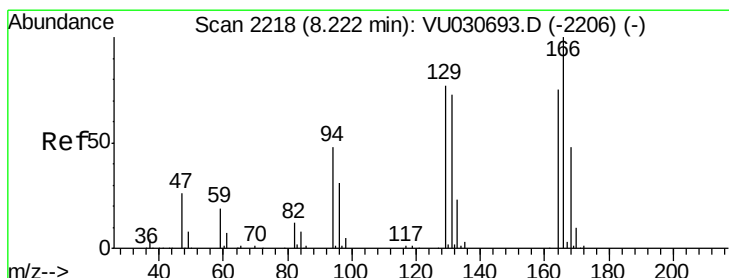
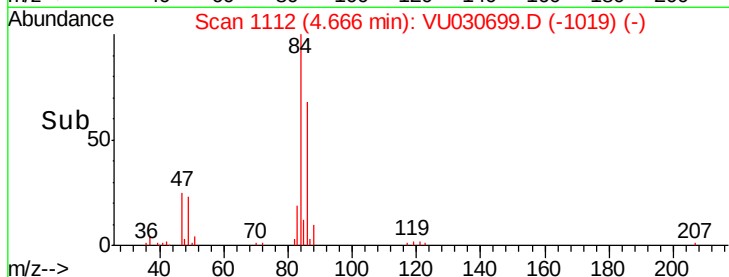
Abundance Ion 83.00 (82.70 to 83.70): VU030699.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU030699.D (-1093) (-)

4.67

4.60 4.65 4.70 4.75

Time-->



#46

Tetrachloroethene

Concen: 33.976 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU030699.D

Acq: 04 Apr 2019 21:42

Tgt Ion:164 Resp: 71707

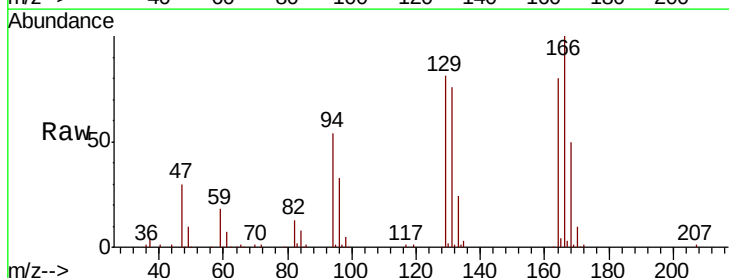
Ion Ratio Lower Upper

164 100

129 101.9 67.4 125.2

131 94.9 65.9 122.5

166 125.7 88.6 164.6



Abundance Ion 164.00 (163.70 to 164.70): VU030699.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU030699.D (-2206) (-)

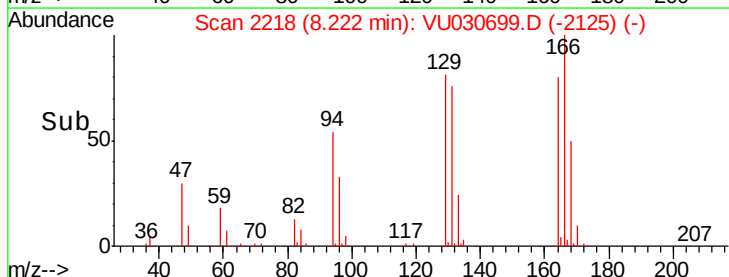
Ion 131.00 (130.70 to 131.70): VU030699.D (-2206) (-)

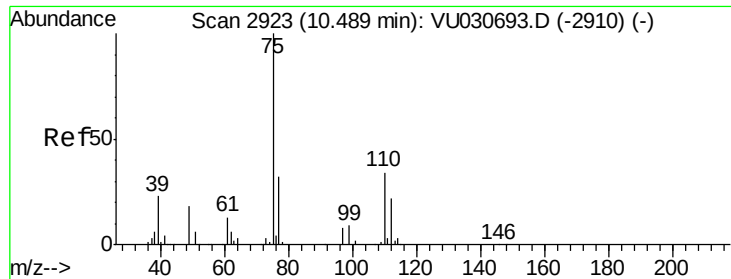
Ion 166.00 (165.70 to 166.70): VU030699.D (-2206) (-)

8.22

8.15 8.20 8.25 8.30

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.721 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030699.D

Acq: 04 Apr 2019 21:42

Instrument :

MSVOA_U

ClientSampleId :

BF102ME

Tot Ion: 75 Resp: 22964

Ion Ratio Lower Upper

75 100

77 35.2 26.1 39.1

