

Data File : VU030807.D
Acq On : 06 Apr 2019 17:49
Operator : JC/SP
Sample : K2277-09ME
Misc : 4.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF172ME

Quant Time: Apr 08 05:06:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	506323	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	496465	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237340	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109525	24.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	48.46%#
7) Chloroethane-d5	1.70	69	548	0.16	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.32%#
11) 1,1-Dichloroethene-d2	2.23	63	175744	21.50	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.00%#
21) 2-Butanone-d5	4.20	46	204655	57.13	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.13%
24) Chloroform-d	4.64	84	198343	28.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.46%#
26) 1,2-Dichloroethane-d4	5.30	65	145415	30.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.74%#
32) Benzene-d6	5.33	84	417099	28.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	57.56%#
36) 1,2-Dichloropropane-d6	6.32	67	144914	29.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	58.36%#
41) Toluene-d8	7.56	98	354729	27.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.22%#
43) trans-1,3-Dichloropropene-	7.85	79	63080	27.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.70%#
47) 2-Hexanone-d5	8.32	63	144324	63.58	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	63.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	209467	31.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	62.52%#
64) 1,2-Dichlorobenzene-d4	11.86	152	133524	28.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.22%#

Target Compounds

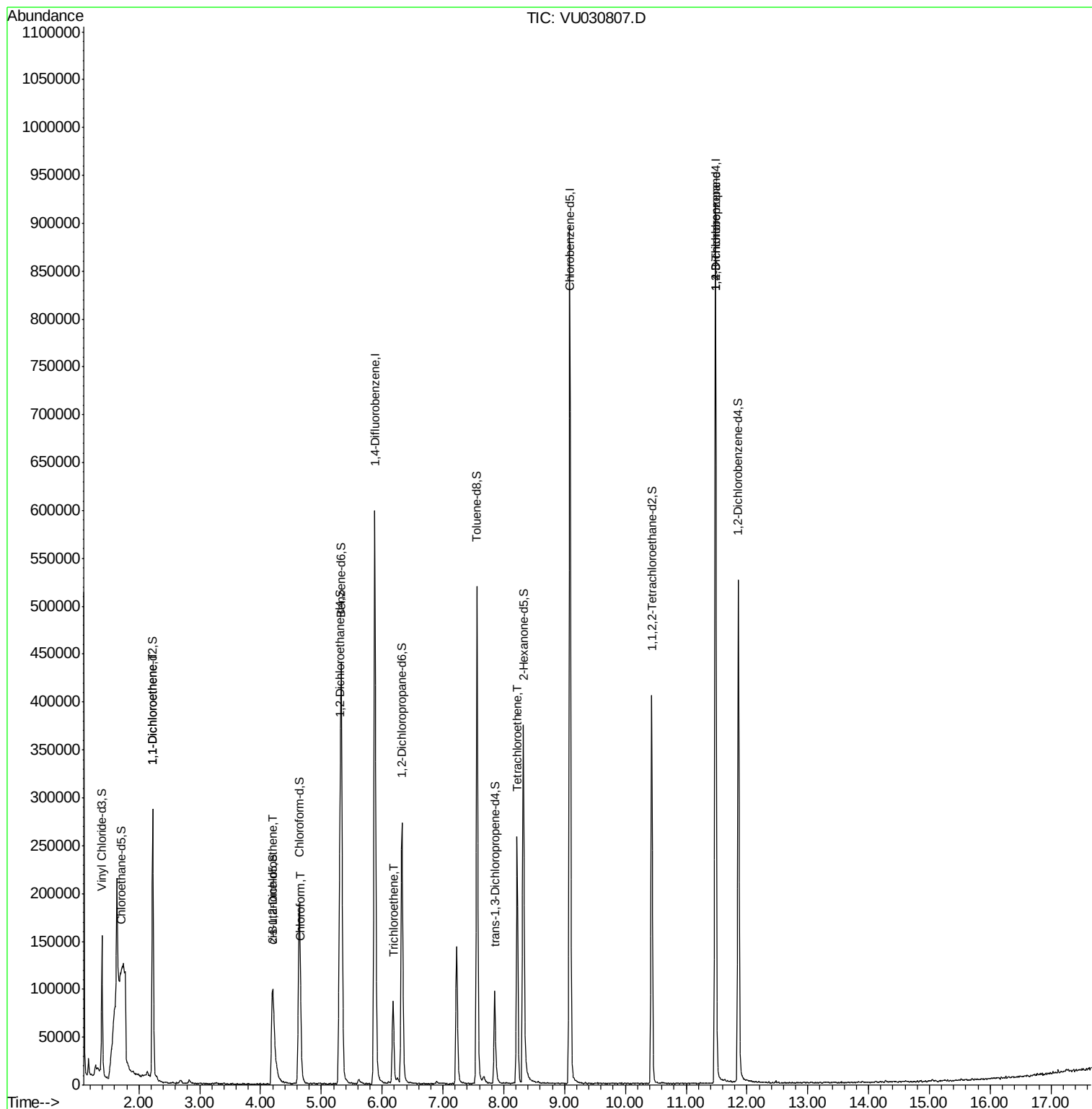
					Qvalue
12) 1,1-Dichloroethene	2.24	96	2634	0.753 ug/L	# 1
20) cis-1,2-Dichloroethene	4.21	96	6388	1.557 ug/L	93
25) Chloroform	4.67	83	9438	1.224 ug/L	98
34) Trichloroethene	6.18	95	31018	7.784 ug/L	94
46) Tetrachloroethene	8.22	164	58321	20.131 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	30262	5.492 ug/L	92

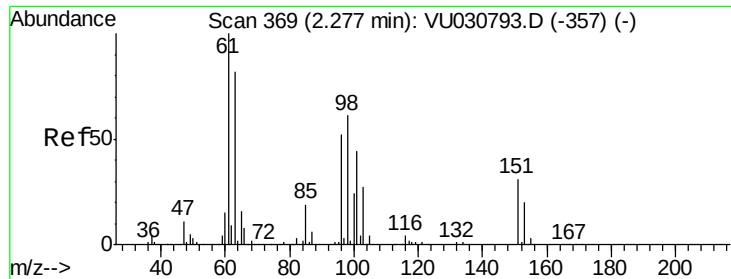
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030807.D
Acq On : 06 Apr 2019 17:49
Operator : JC/SP
Sample : K2277-09ME
Misc : 4.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF172ME

Quant Time: Apr 08 05:06:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.753 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU030807.D

Acq: 06 Apr 2019 17:49

Instrument :

MSVOA_U

ClientSampled :

BF172ME

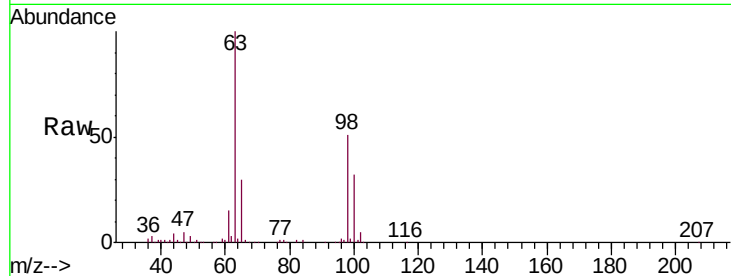
Tgt Ion: 96 Resp: 2634

Ion Ratio Lower Upper

96 100

61 608.4 132.0 245.2#

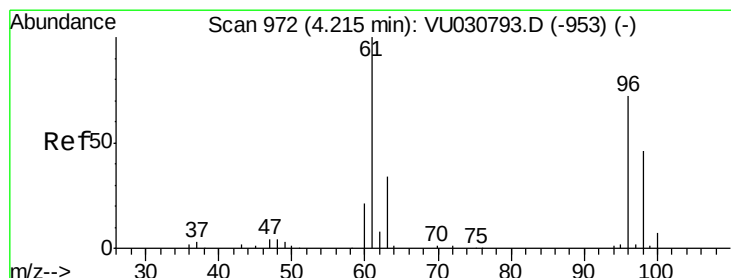
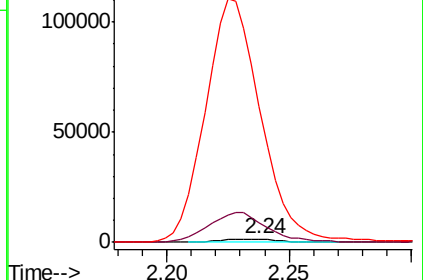
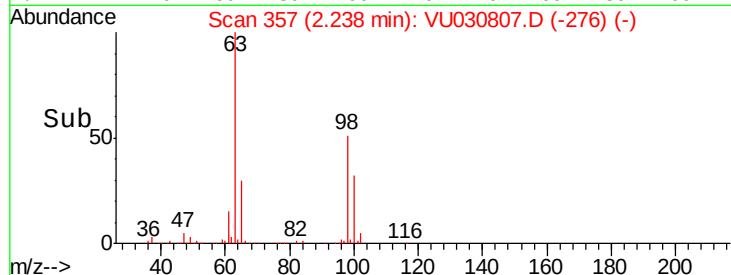
63 4184.4 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU030807.D (-276) (-)

Ion 61.00 (60.70 to 61.70): VU030807.D (-276) (-)

Ion 63.00 (62.70 to 63.70): VU030807.D (-276) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.557 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.00 min

Lab File: VU030807.D

Acq: 06 Apr 2019 17:49

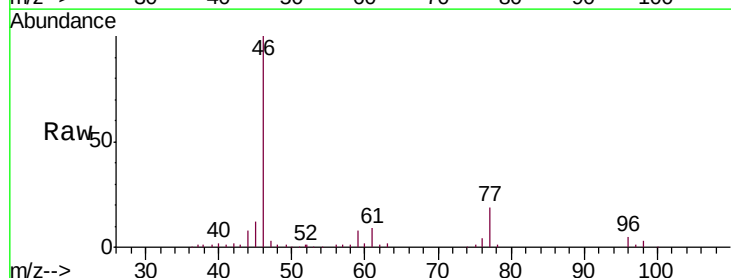
Tgt Ion: 96 Resp: 6388

Ion Ratio Lower Upper

96 100

61 156.3 102.9 191.1

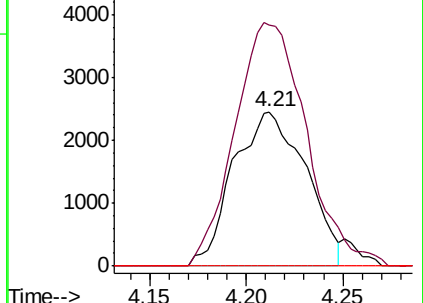
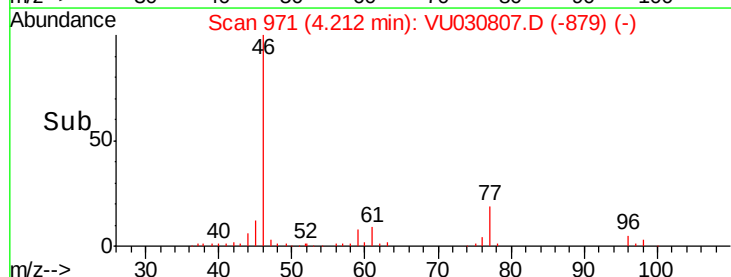
68 0.0 0.0 0.0

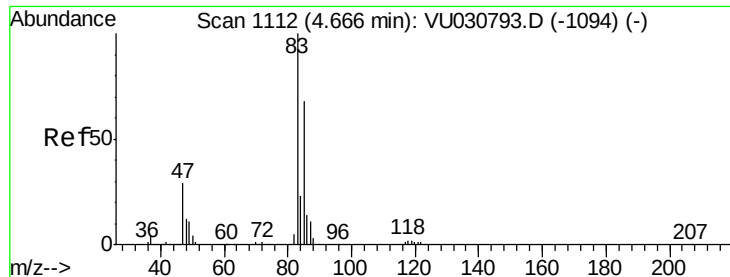


Abundance Ion 96.00 (95.70 to 96.70): VU030807.D (-879) (-)

Ion 61.00 (60.70 to 61.70): VU030807.D (-879) (-)

Ion 68.00 (67.70 to 68.70): VU030807.D (-879) (-)





#25

Chloroform

Concen: 1.224 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030807.D

Acq: 06 Apr 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

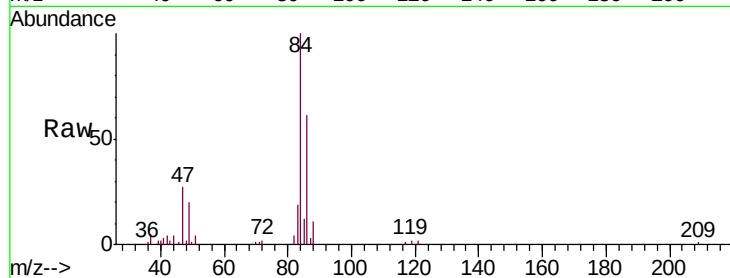
BF172ME

Tgt Ion: 83 Resp: 9438

Ion Ratio Lower Upper

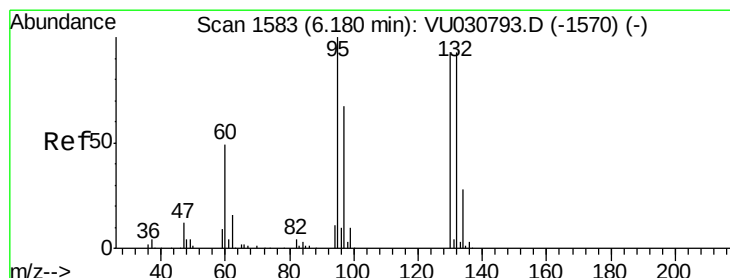
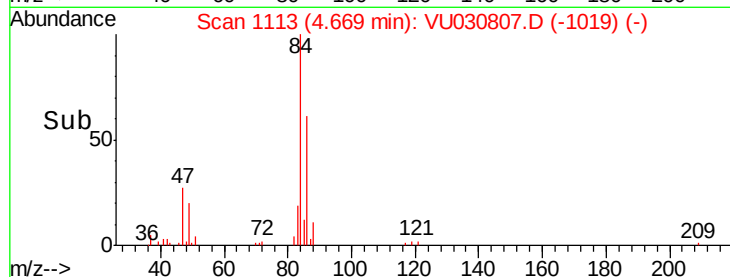
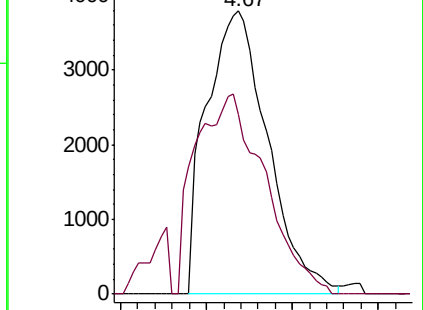
83 100

85 63.6 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030807.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030807.D (-1094) (-)



#34

Trichloroethene

Concen: 7.784 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030807.D

Acq: 06 Apr 2019 17:49

Tgt Ion: 95 Resp: 31018

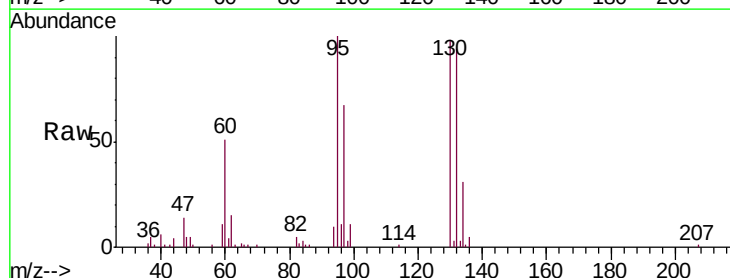
Ion Ratio Lower Upper

95 100

97 67.2 44.5 82.7

132 94.2 61.5 114.1

130 98.4 64.9 120.5

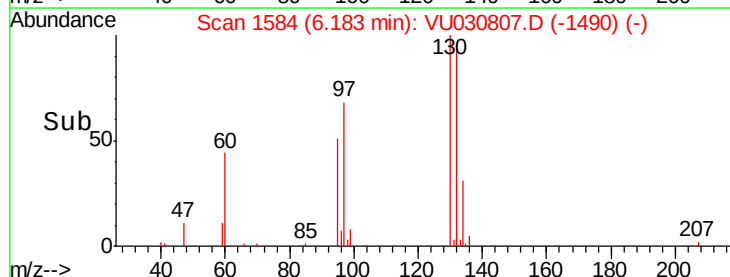
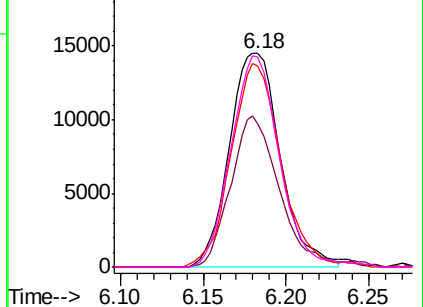


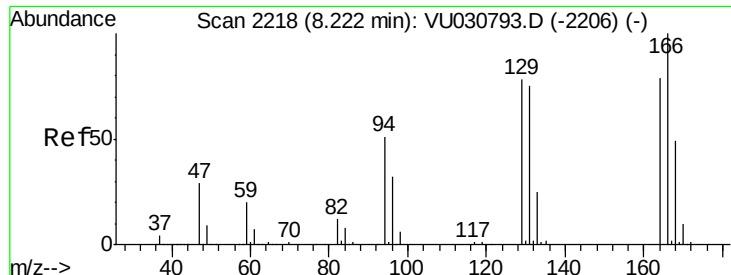
Abundance Ion 95.00 (94.70 to 95.70): VU030807.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030807.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030807.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030807.D (-1570) (-)





#46

Tetrachloroethene

Concen: 20.131 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030807.D

Acq: 06 Apr 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

BF172ME

Tgt Ion:164 Resp: 58321

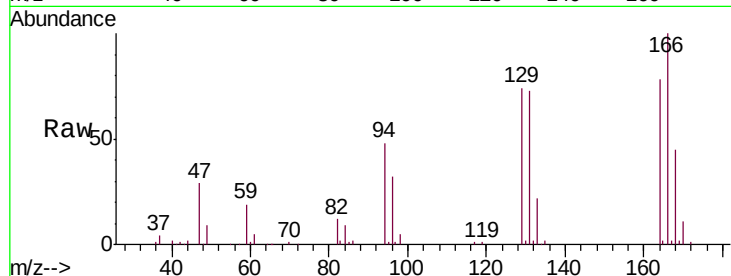
Ion Ratio Lower Upper

164 100

129 95.1 67.4 125.2

131 92.8 65.9 122.5

166 127.8 88.6 164.6

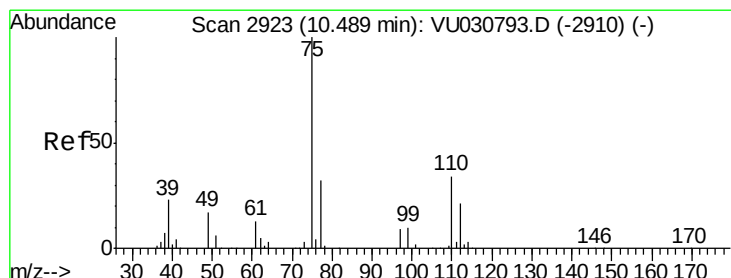
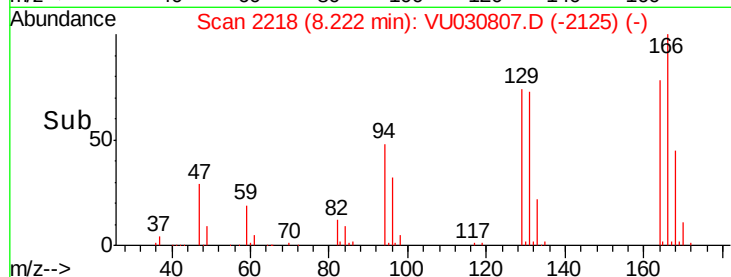
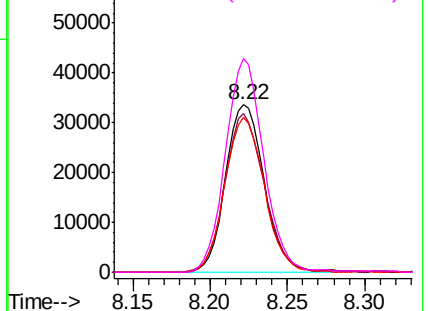


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.492 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030807.D

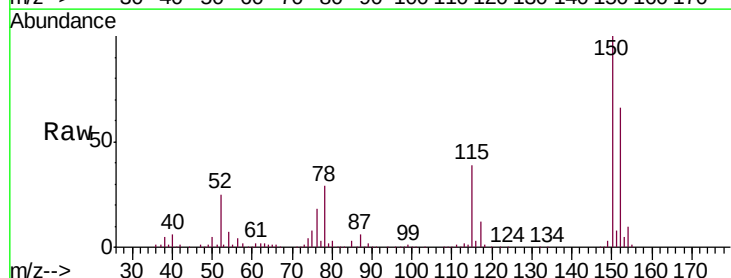
Acq: 06 Apr 2019 17:49

Tgt Ion: 75 Resp: 30262

Ion Ratio Lower Upper

75 100

77 37.0 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

