

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030028.D
 Acq On : 13 Mar 2019 14:02
 Operator : JC/SP
 Sample : K1789-17ME
 Misc : 5.99g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q0ME

Quant Time: Mar 14 01:40:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 01:36:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	480743	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	489962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	268733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	127186	40.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.00%
7) Chloroethane-d5	1.64	69	61518	23.97	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.94%#
11) 1,1-Dichloroethene-d2	2.24	63	179760	31.32	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.64%
21) 2-Butanone-d5	4.19	46	217279	91.20	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.20%
24) Chloroform-d	4.64	84	242063	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	5.30	65	149727	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
32) Benzene-d6	5.33	84	528619	41.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.82%
36) 1,2-Dichloropropane-d6	6.32	67	167282	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.68%
41) Toluene-d8	7.56	98	489086	41.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.82%
43) trans-1,3-Dichloropropene-	7.85	79	77712	41.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.12%
47) 2-Hexanone-d5	8.32	63	213223	98.72	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297885	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	236997	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%

Target Compounds

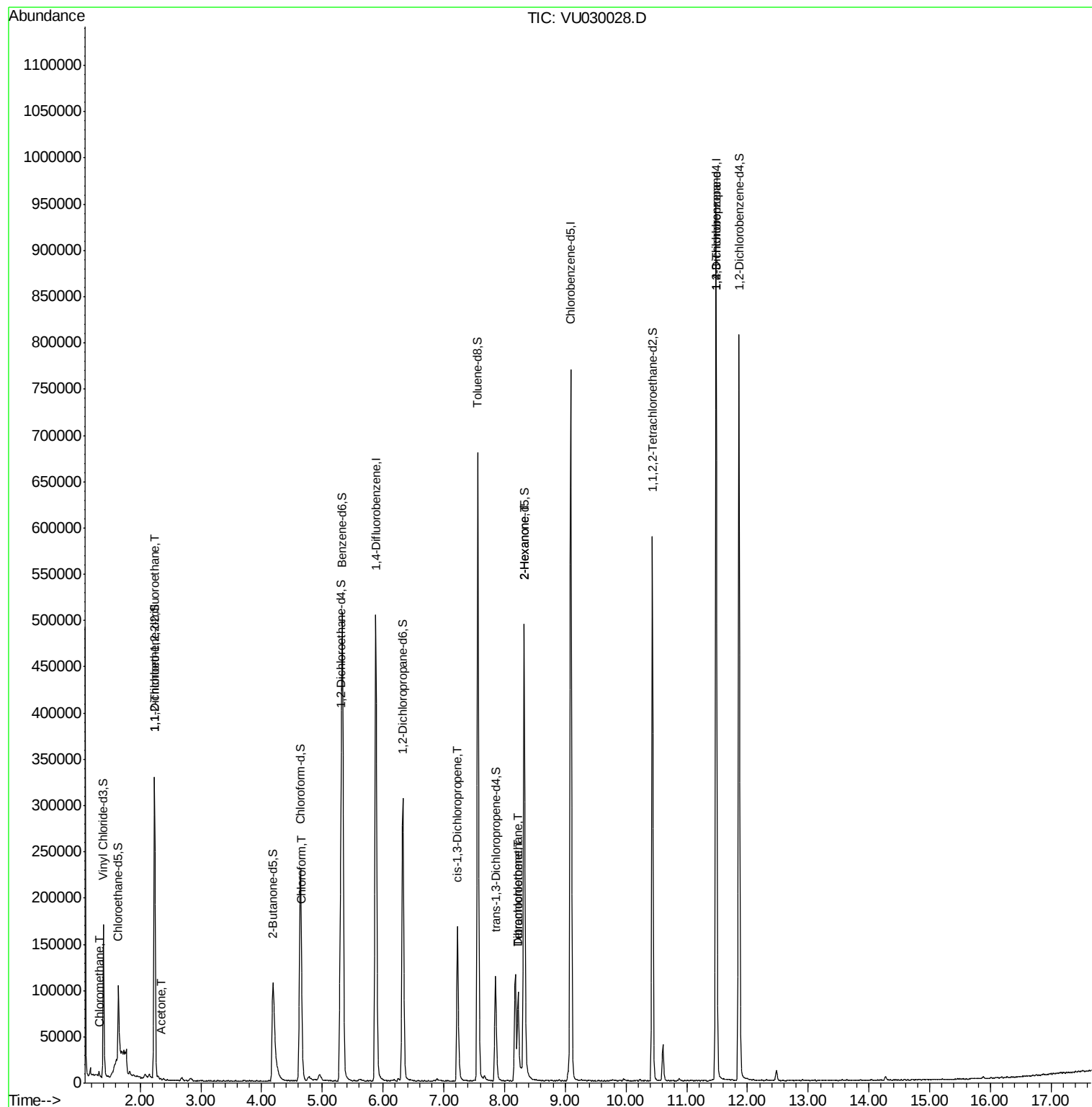
					Qvalue
3) Chloromethane	1.32	50	4147	1.237 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2067	0.654 ug/L #	17
13) Acetone	2.34	43	1902	0.683 ug/L	76
25) Chloroform	4.67	83	7059	1.194 ug/L	89
39) cis-1,3-Dichloropropene	7.23	75	4105	0.715 ug/L #	64
46) Tetrachloroethene	8.22	164	22606	7.030 ug/L	98
48) 2-Hexanone	8.32	43	19852	4.673 ug/L #	63
49) Dibromochloromethane	8.22	129	20730	5.031 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	27427	5.710 ug/L	97

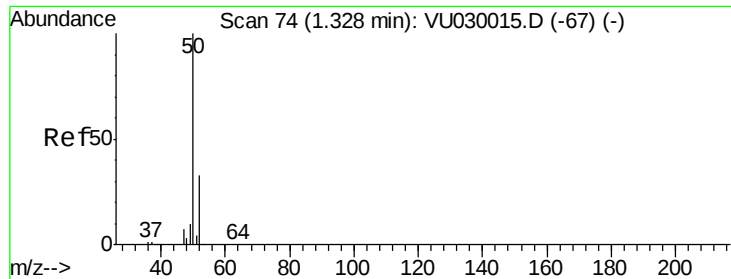
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 14 01:36:14 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.237 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030028.D

Acq: 13 Mar 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

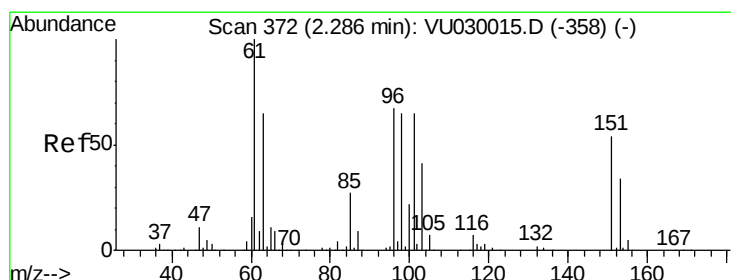
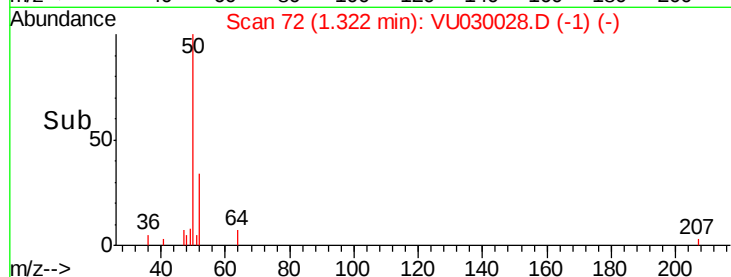
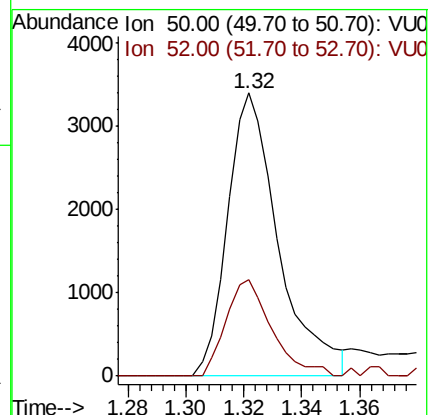
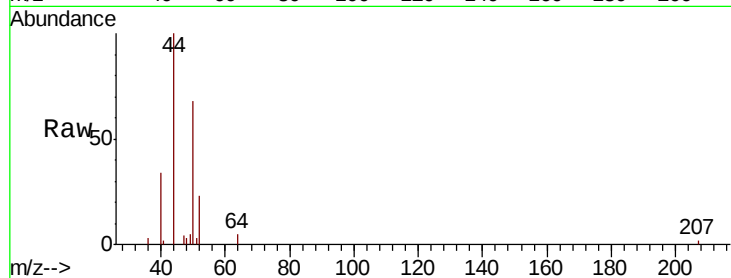
BF0Q0ME

Tgt Ion: 50 Resp: 4147

Ion Ratio Lower Upper

50 100

52 34.0 23.4 43.6



#10

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

Concen: 0.654 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030028.D

Acq: 13 Mar 2019 14:02

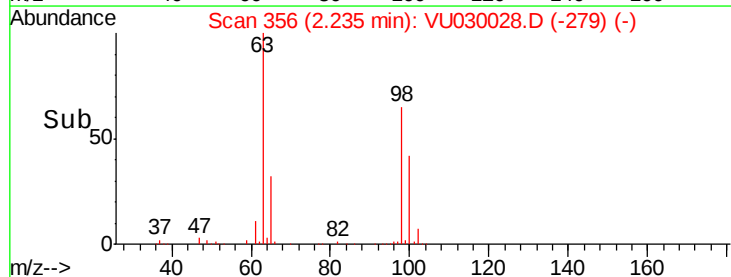
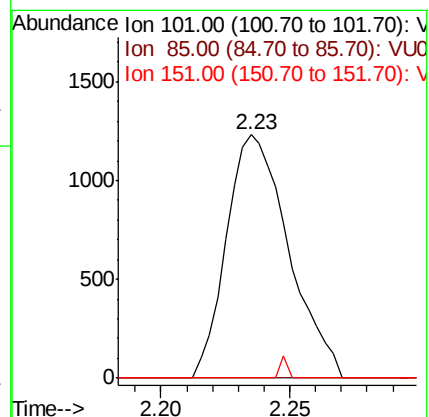
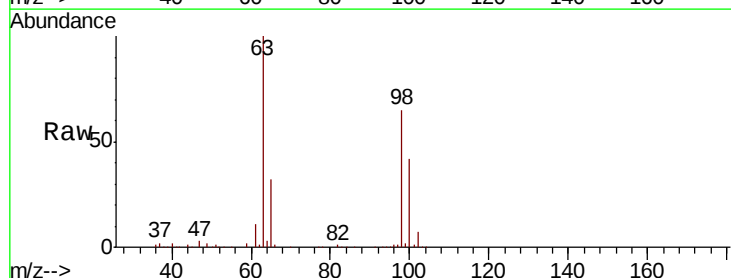
Tgt Ion: 101 Resp: 2067

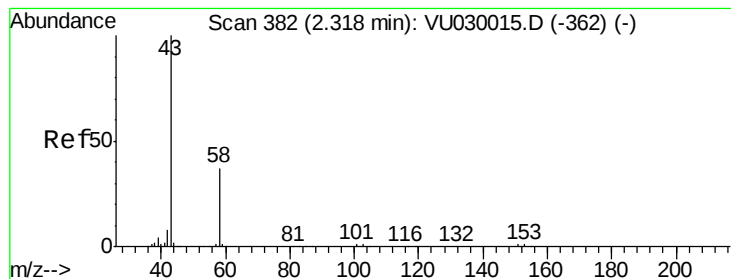
Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 0.0 66.1 99.1#





#13

Acetone

Concen: 0.683 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.03 min

Lab File: VU030028.D

Acq: 13 Mar 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

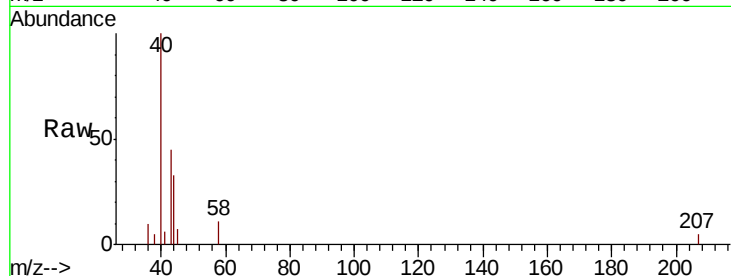
BF0Q0ME

Tgt Ion: 43 Resp: 1902

Ion Ratio Lower Upper

43 100

58 22.0 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030015.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030015.D (-362) (-)

2.34

800

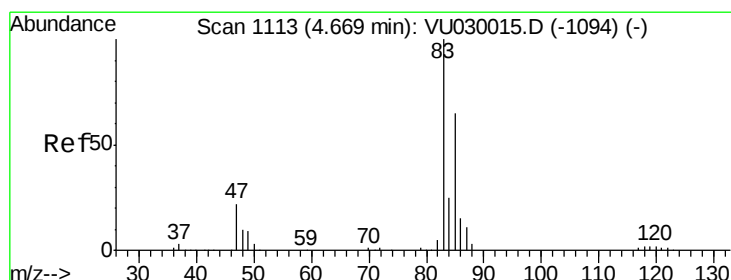
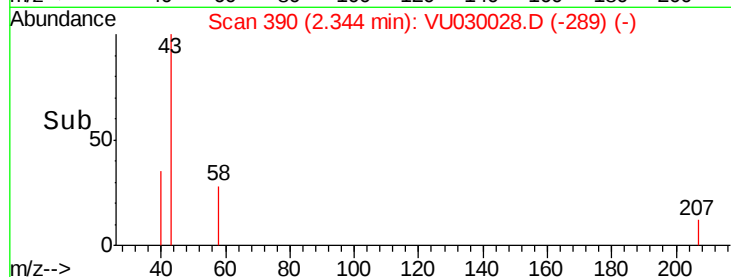
600

400

200

0

Time-->



#25

Chloroform

Concen: 1.194 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030028.D

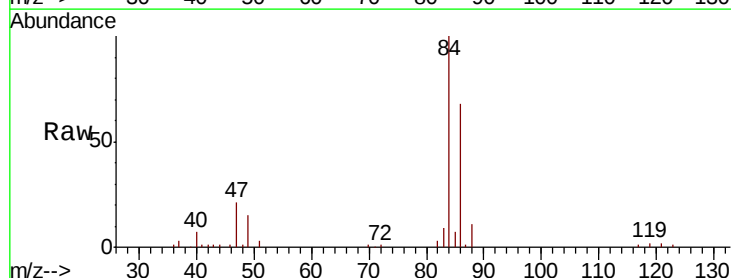
Acq: 13 Mar 2019 14:02

Tgt Ion: 83 Resp: 7059

Ion Ratio Lower Upper

83 100

85 73.0 44.9 83.5



Abundance Ion 83.00 (82.70 to 83.70): VU030015.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030015.D (-1094) (-)

4.67

3000

2500

2000

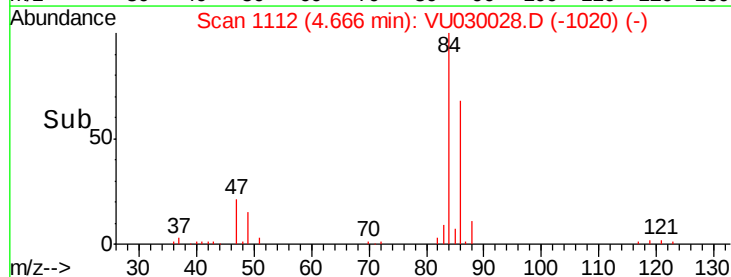
1500

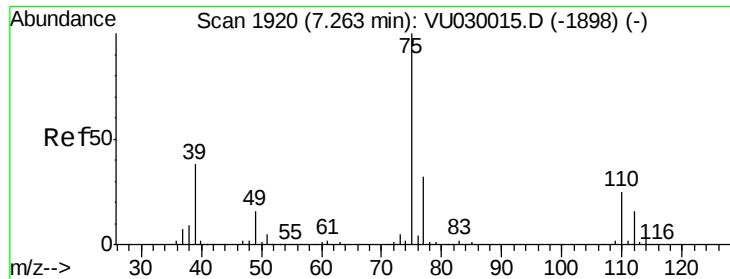
1000

500

0

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030028.D

Acq: 13 Mar 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

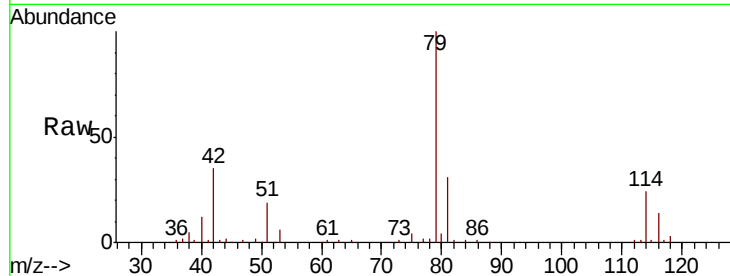
BF0Q0ME

Tgt Ion: 75 Resp: 4105

Ion Ratio Lower Upper

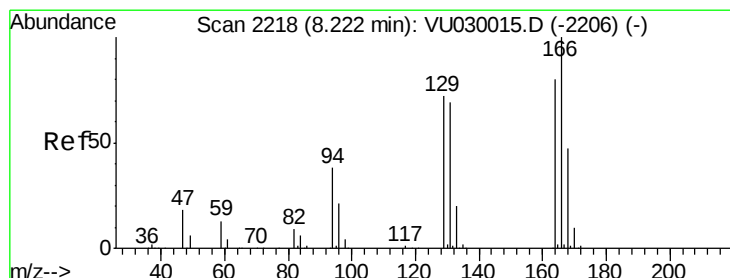
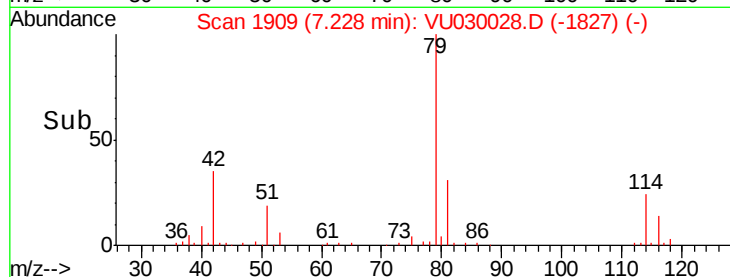
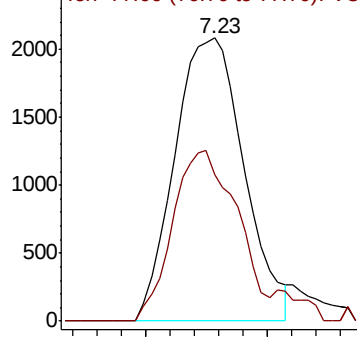
75 100

77 51.9 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030015.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030015.D (-1898) (-)



#46

Tetrachloroethene

Concen: 7.030 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030028.D

Acq: 13 Mar 2019 14:02

Tgt Ion: 164 Resp: 22606

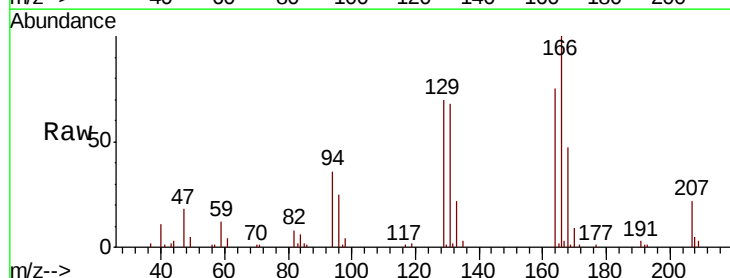
Ion Ratio Lower Upper

164 100

129 92.8 63.3 117.7

131 90.0 62.0 115.2

166 132.8 90.5 168.1

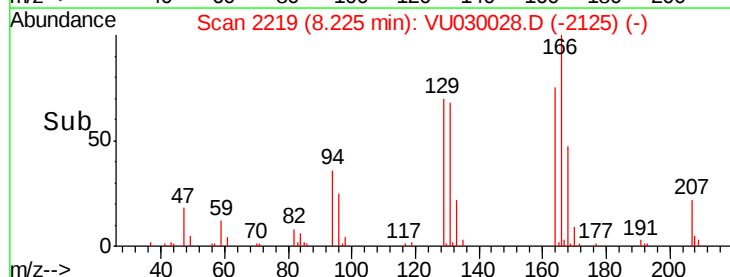
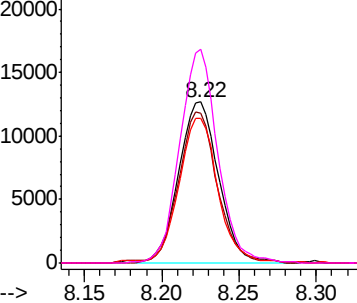


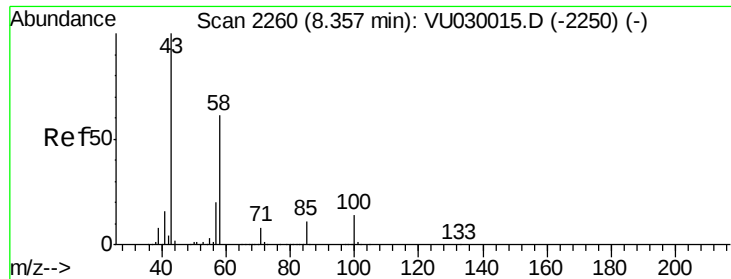
Abundance Ion 164.00 (163.70 to 164.70): VU030015.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU030015.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU030015.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU030015.D (-2206) (-)

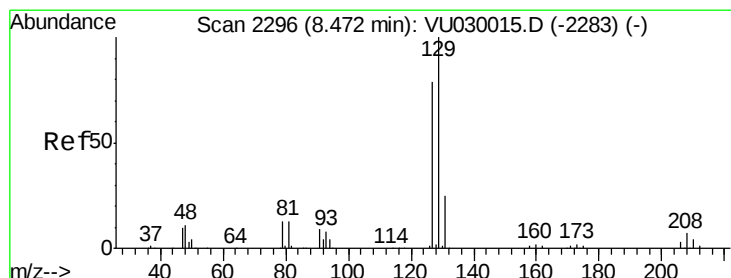
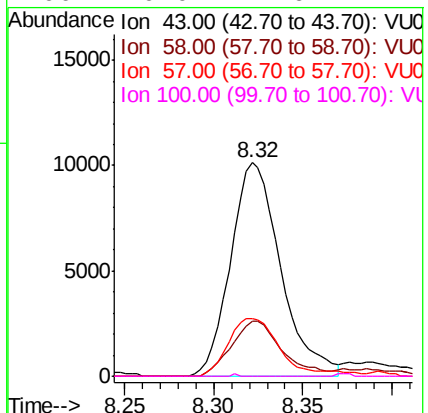
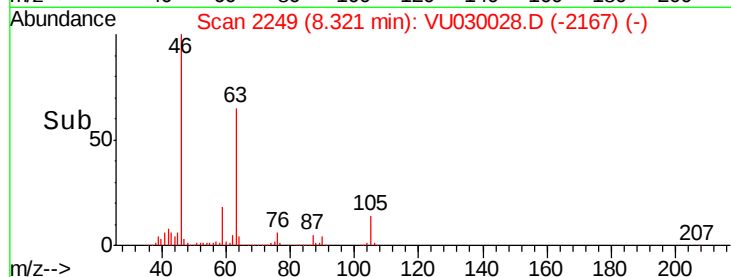
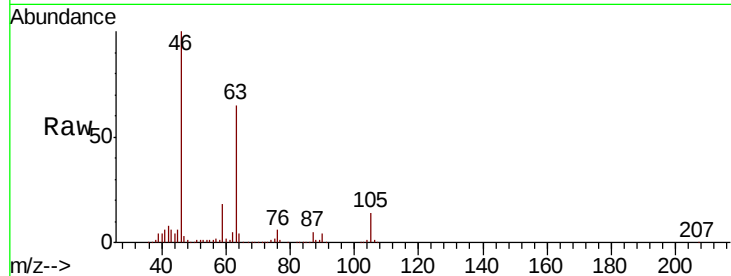




#48
2-Hexanone
Concen: 4.673 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030028.D
Acq: 13 Mar 2019 14:02

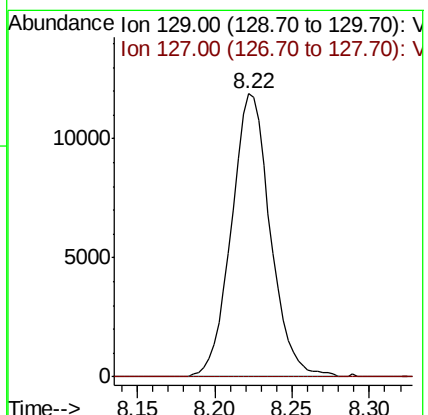
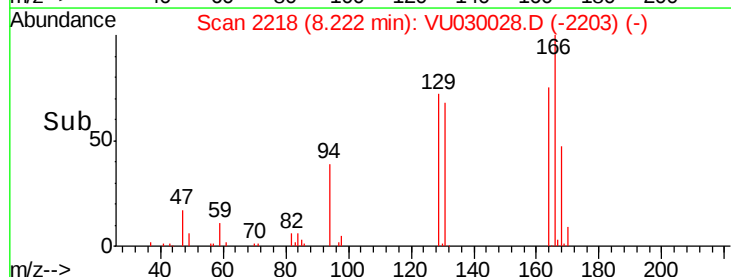
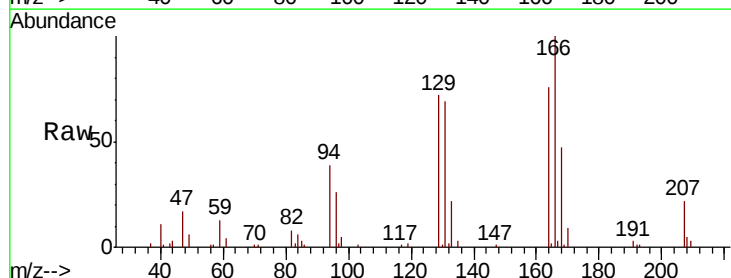
Instrument :
MSVOA_U
ClientSampleId :
BF0Q0ME

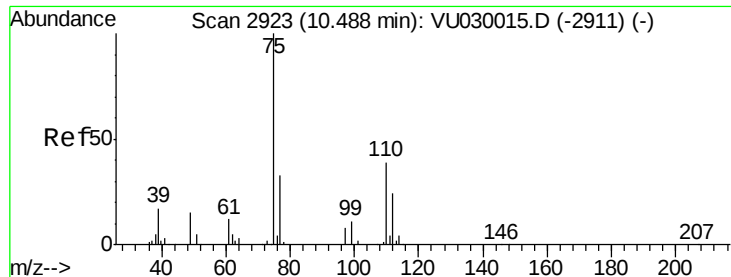
Tgt Ion: 43 Resp: 19852
Ion Ratio Lower Upper
43 100
58 26.1 48.6 72.8#
57 26.8 16.1 24.1#
100 0.0 11.6 17.4#



#49
Dibromochloromethane
Concen: 5.031 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU030028.D
Acq: 13 Mar 2019 14:02

Tgt Ion: 129 Resp: 20730
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#





#59

1,2,3-Trichloropropane

Concen: 5.710 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030028.D

Acq: 13 Mar 2019 14:02

Instrument :

MSVOA_U

ClientSampleId :

BF0Q0ME

Tgt Ion: 75 Resp: 27427

Ion Ratio Lower Upper

75 100

77 33.8 25.8 38.8

