

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030026.D
 Acq On : 13 Mar 2019 13:14
 Operator : JC/SP
 Sample : K1838-11
 Misc : 5.50g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0S7

Quant Time: Mar 14 01:40:02 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	535732	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	550066	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135895	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.70%
7) Chloroethane-d5	1.64	69	64842	22.67	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.34%#
11) 1,1-Dichloroethene-d2	2.23	63	188031	29.40	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.80%#
21) 2-Butanone-d5	4.19	46	231185	87.08	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.08%
24) Chloroform-d	4.64	84	254559	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.10%
26) 1,2-Dichloroethane-d4	5.30	65	154331	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
32) Benzene-d6	5.33	84	561368	39.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.30%
36) 1,2-Dichloropropane-d6	6.32	67	171149	39.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.98%
41) Toluene-d8	7.56	98	513989	38.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.54%#
43) trans-1,3-Dichloropropene-	7.85	79	80946	38.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.12%
47) 2-Hexanone-d5	8.32	63	224821	92.72	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306039	45.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	244820	42.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.02%

Target Compounds

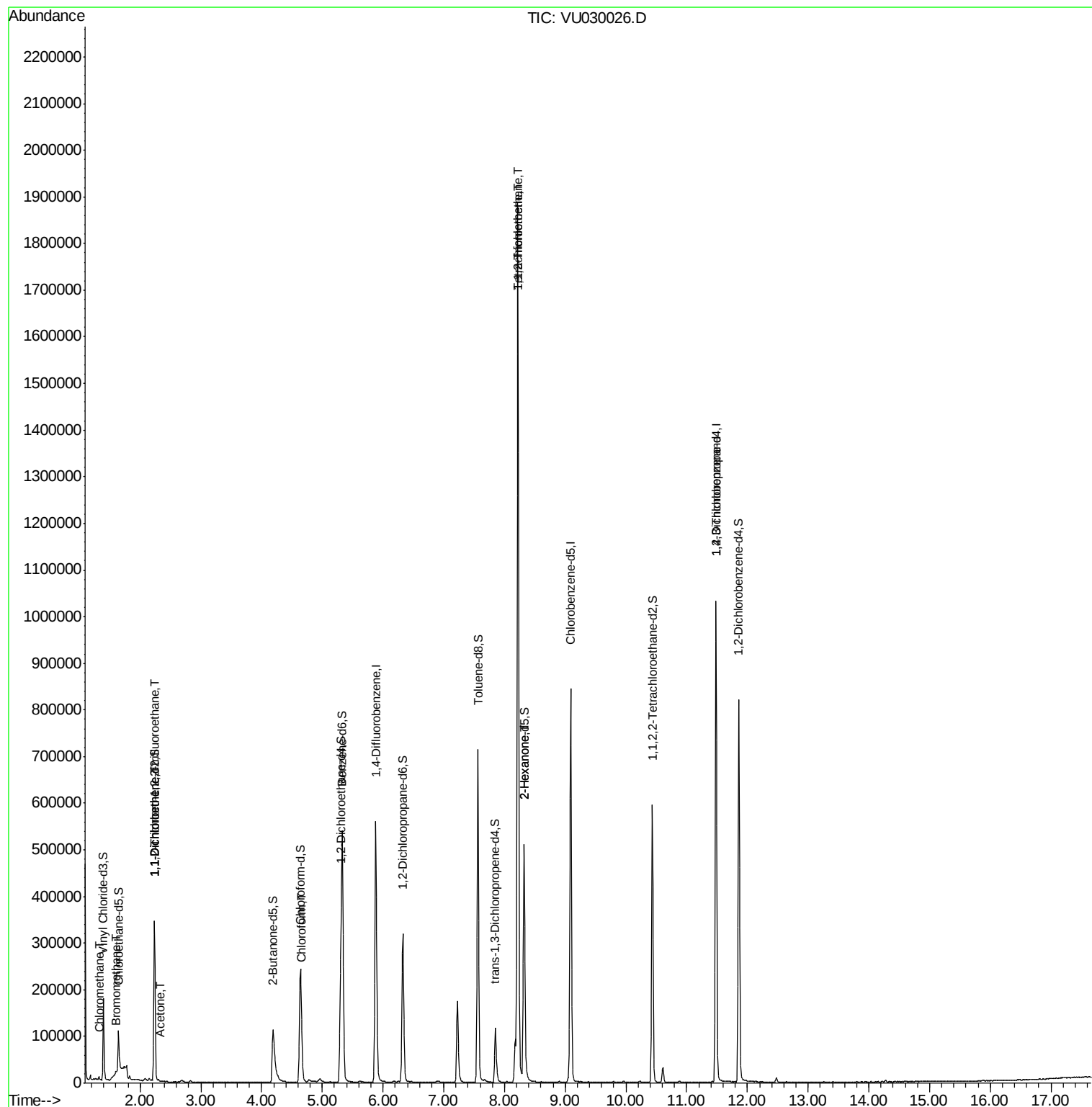
					Qvalue
3) Chloromethane	1.32	50	4845	1.297	ug/L 100
6) Bromomethane	1.60	94	1410	0.556	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	2270	0.645	ug/L # 20
12) 1,1-Dichloroethene	2.24	96	2047	0.610	ug/L # 1
13) Acetone	2.34	43	2233	0.719	ug/L 78
25) Chloroform	4.67	83	13920	2.112	ug/L 97
45) 1,1,2-Trichloroethane	8.22	97	3652	0.882	ug/L # 1
46) Tetrachloroethene	8.22	164	457319	126.673	ug/L 99
48) 2-Hexanone	8.32	43	20267	4.250	ug/L # 64
59) 1,2,3-Trichloropropane	11.48	75	30810	5.714	ug/L 96

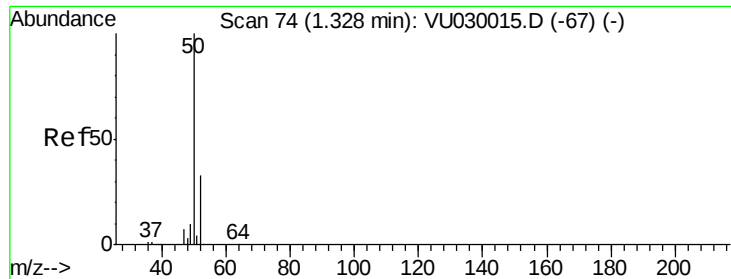
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 14 01:36:14 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.297 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030026.D

Acq: 13 Mar 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

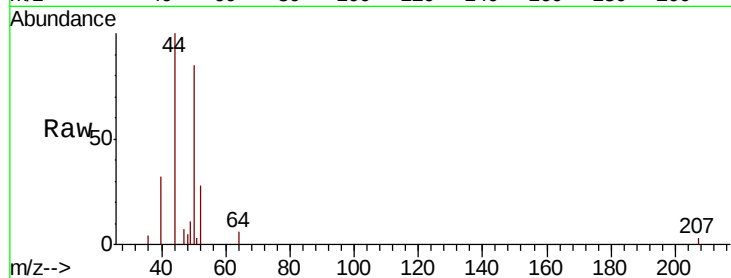
BF0S7

Tgt Ion: 50 Resp: 4845

Ion Ratio Lower Upper

50 100

52 33.5 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU030015.D (-67) (-)

Ion 52.00 (51.70 to 52.70): VU030015.D (-67) (-)

1.32

4000

3000

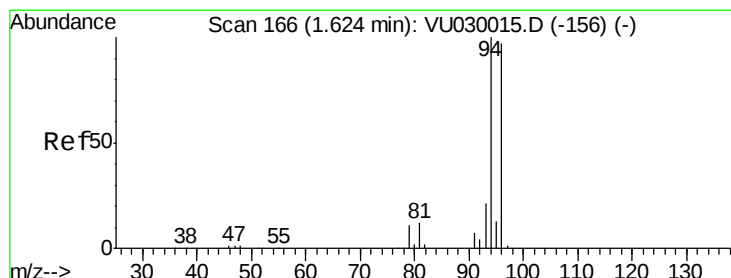
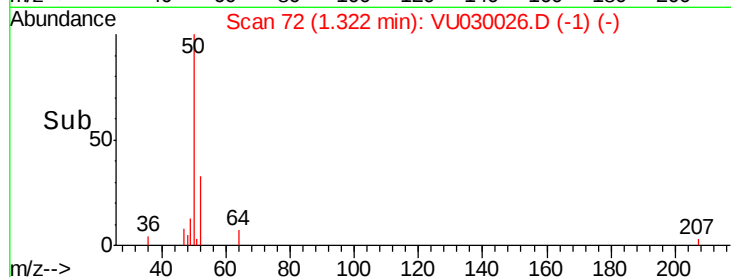
2000

1000

0

1.30 1.32 1.34

Time-->



#6

Bromomethane

Concen: 0.556 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.03 min

Lab File: VU030026.D

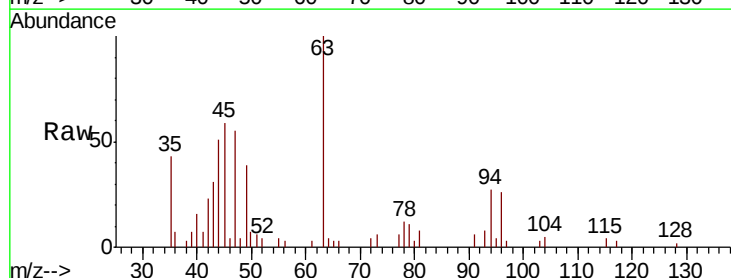
Acq: 13 Mar 2019 13:14

Tgt Ion: 94 Resp: 1410

Ion Ratio Lower Upper

94 100

96 97.6 65.0 120.6



Abundance Ion 94.00 (93.70 to 94.70): VU030015.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU030015.D (-156) (-)

1.60

1200

1000

800

600

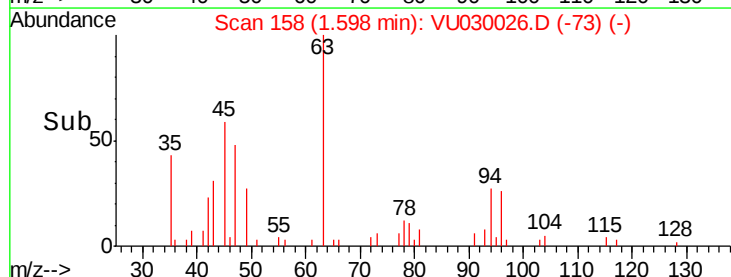
400

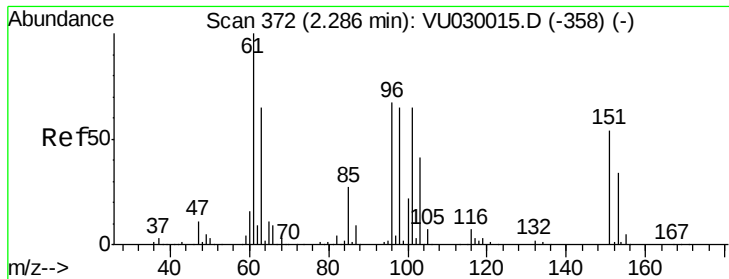
200

0

1.56 1.58 1.60 1.62 1.64

Time-->





#10

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

Concen: 0.645 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.05 min

Lab File: VU030026.D

Acq: 13 Mar 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

BF0S7

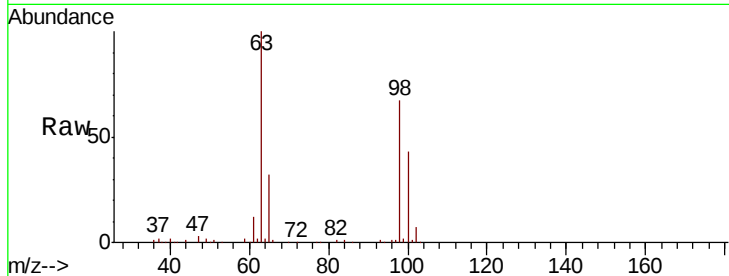
Tgt Ion: 101 Resp: 2270

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

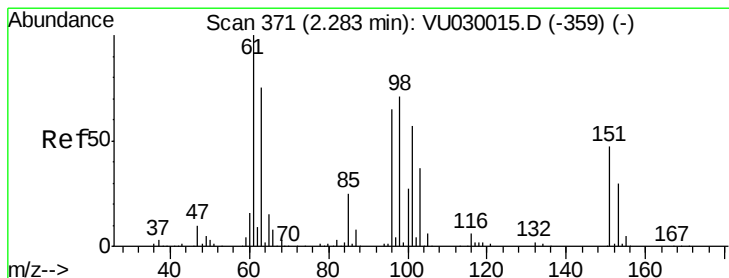
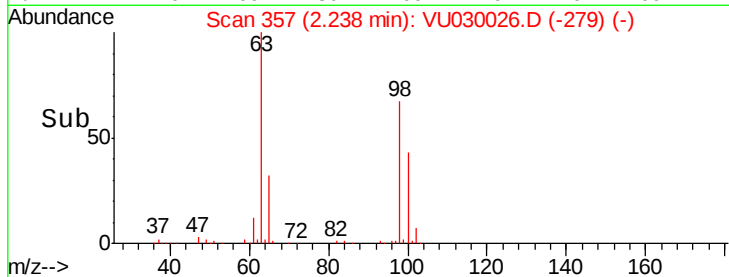
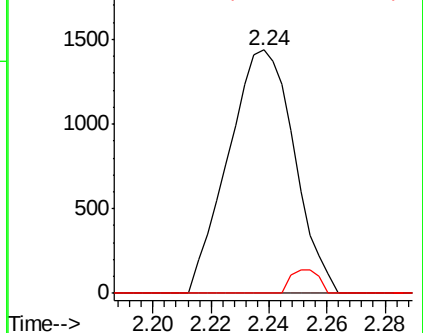
151 4.1 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.610 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU030026.D

Acq: 13 Mar 2019 13:14

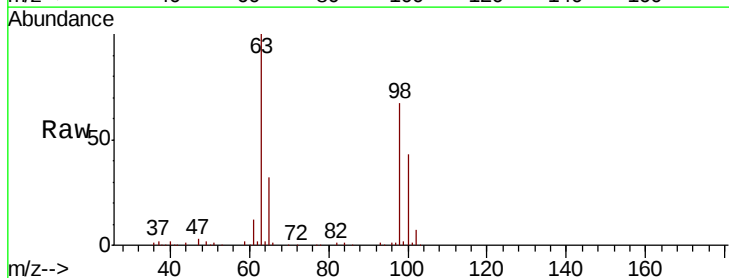
Tgt Ion: 96 Resp: 2047

Ion Ratio Lower Upper

96 100

61 1145.3 110.4 205.0#

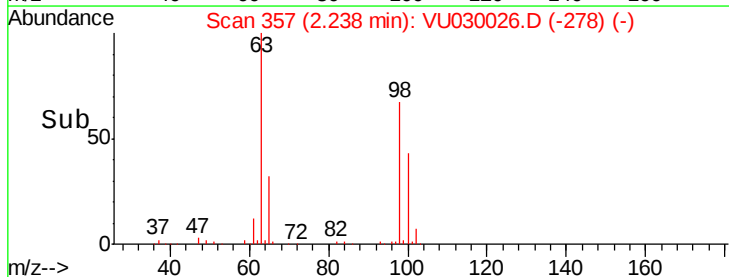
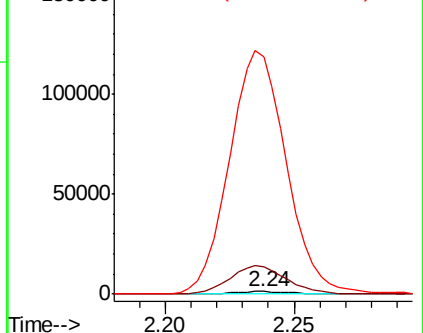
63 9849.6 86.5 160.7#

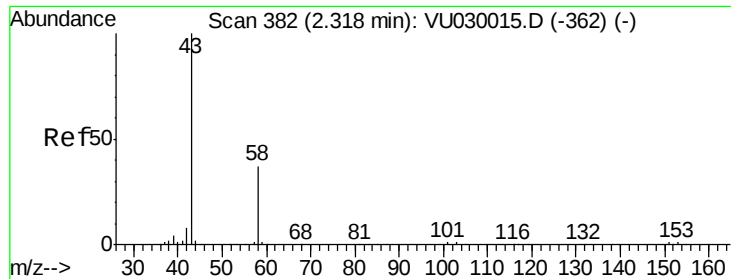


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.719 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.03 min

Lab File: VU030026.D

Acq: 13 Mar 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

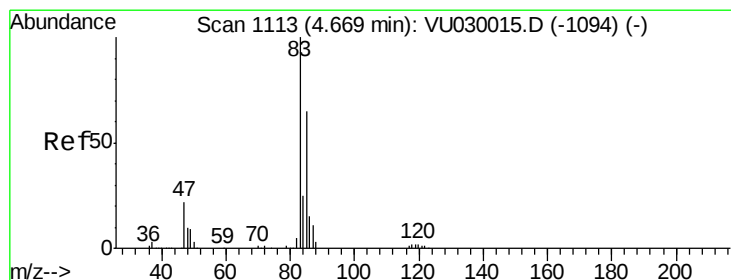
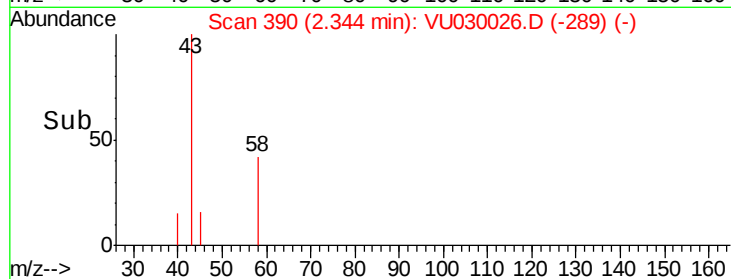
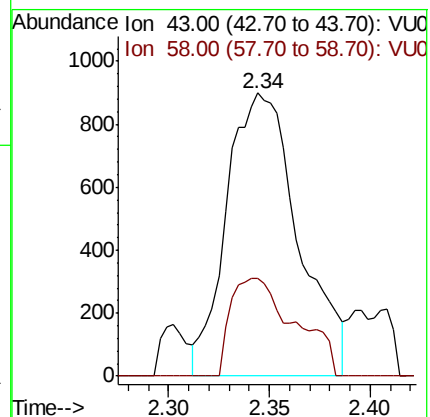
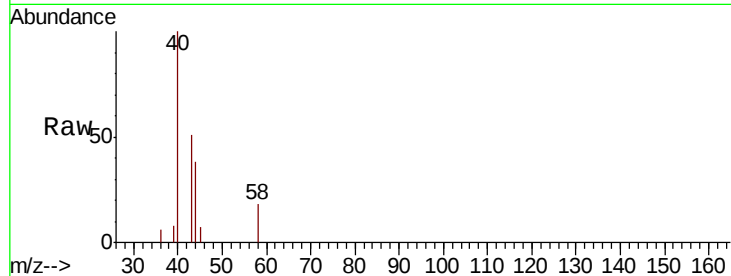
BF0S7

Tgt Ion: 43 Resp: 2233

Ion Ratio Lower Upper

43 100

58 23.5 0.0 73.0



#25

Chloroform

Concen: 2.112 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030026.D

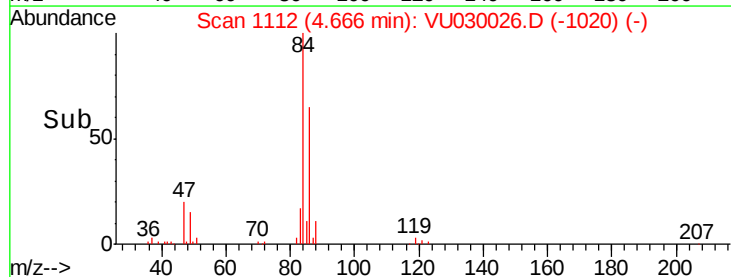
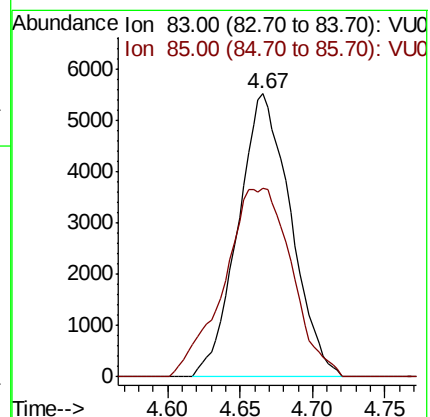
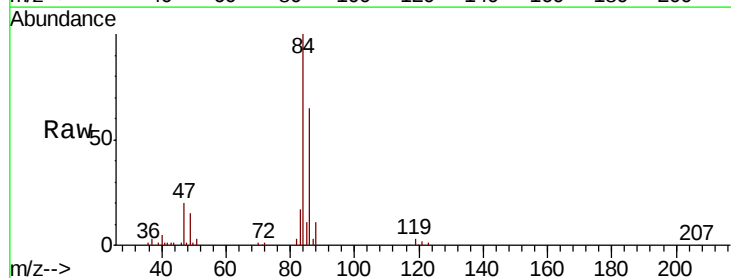
Acq: 13 Mar 2019 13:14

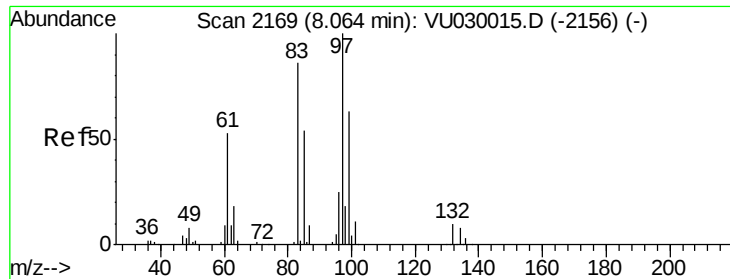
Tgt Ion: 83 Resp: 13920

Ion Ratio Lower Upper

83 100

85 66.7 44.9 83.5

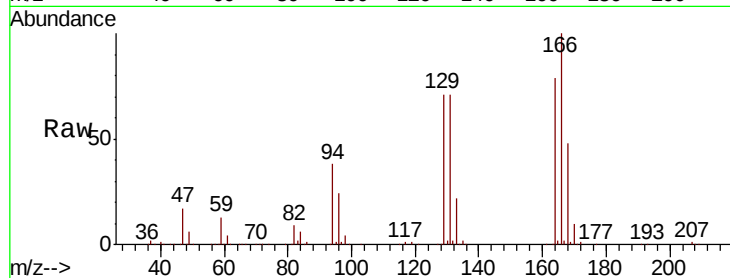




#45
1,1,2-Trichloroethane
Concen: 0.882 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.16 min
Lab File: VU030026.D
Acq: 13 Mar 2019 13:14

Instrument :
MSVOA_U
ClientSampleId :
BF0S7

Tgt Ion: 97 Resp: 3652
Ion Ratio Lower Upper
97 100
99 13.0 44.7 82.9#
83 251.4 58.6 108.8#
85 39.6 38.1 70.7



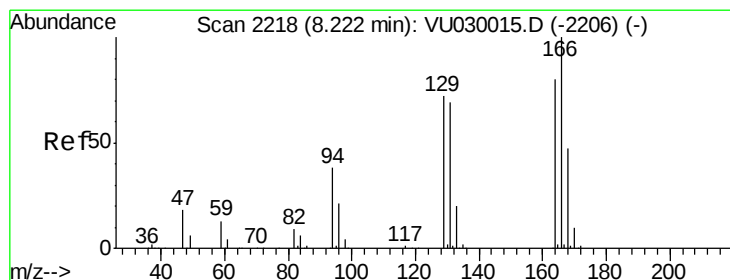
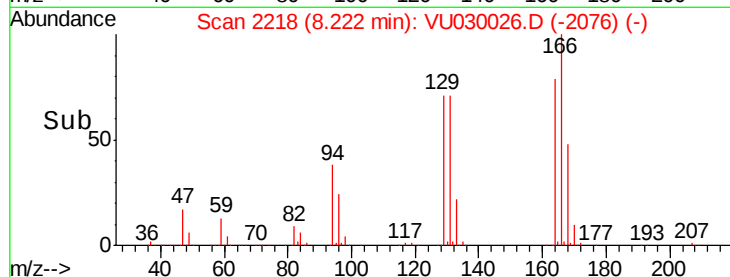
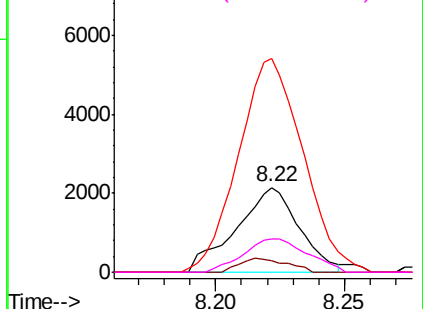
Abundance

Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46
Tetrachloroethene
Concen: 126.673 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU030026.D
Acq: 13 Mar 2019 13:14

Tgt Ion: 164 Resp: 457319
Ion Ratio Lower Upper
164 100
129 90.3 63.3 117.7
131 89.7 62.0 115.2
166 127.1 90.5 168.1

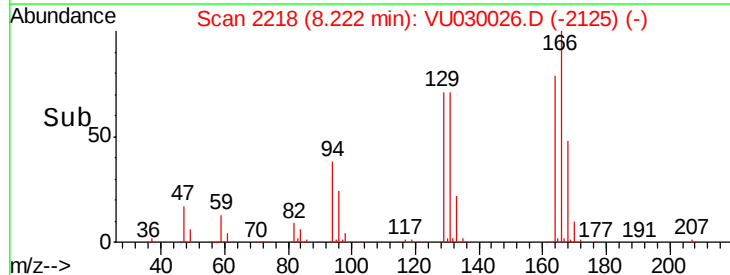
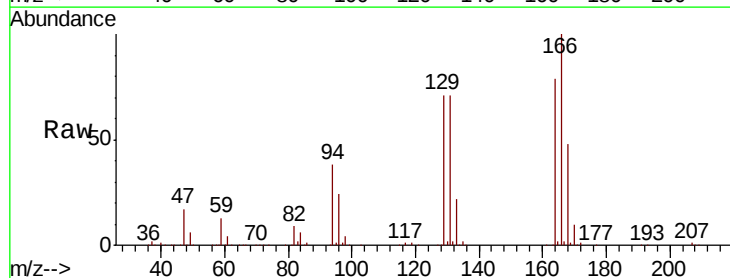
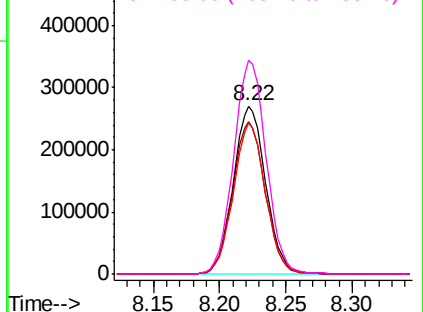
Abundance

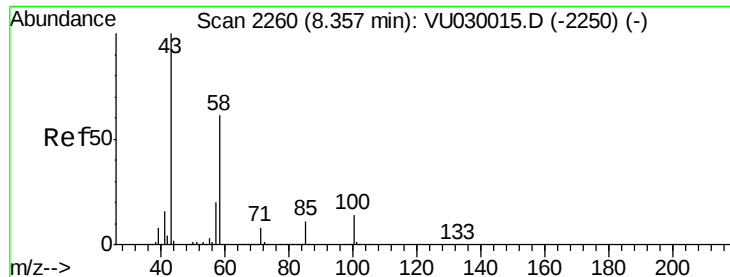
Ion 164.00 (163.70 to 164.70): V

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

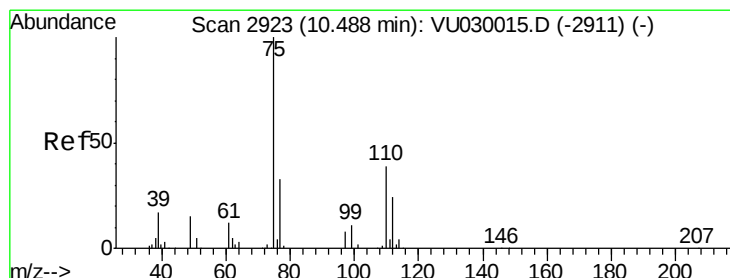
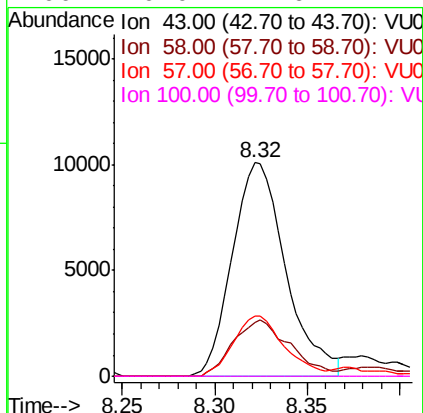
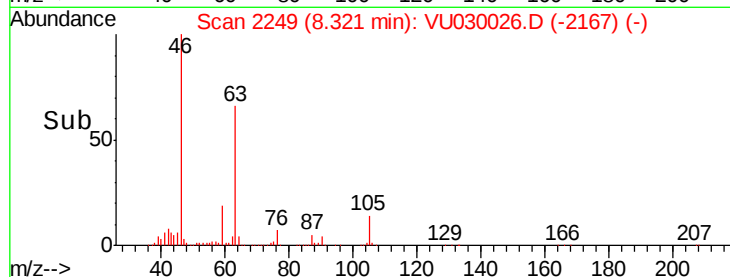
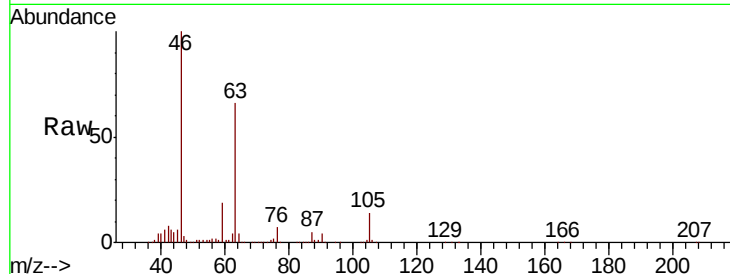




#48
 2-Hexanone
 Concen: 4.250 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030026.D
 Acq: 13 Mar 2019 13:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0S7

Tgt Ion: 43 Resp: 20267
 Ion Ratio Lower Upper
 43 100
 58 27.7 48.6 72.8#
 57 26.7 16.1 24.1#
 100 0.0 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.714 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030026.D
 Acq: 13 Mar 2019 13:14

Tgt Ion: 75 Resp: 30810
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.8 38.8

