

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026577.D
 Acq On : 06 Sep 2018 14:00
 Operator : MD/SY
 Sample : J4718-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGD5

Quant Time: Sep 07 04:45:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 04:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	202037	50.00	ug/L	-0.01
28) Chlorobenzene-d5	9.09	117	186563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	80812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	8008	6.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	12.80%#
7) Chloroethane-d5	1.64	69	11779	10.42	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.84%#
11) 1,1-Dichloroethene-d2	2.29	63	181	0.06	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.12%#
21) 2-Butanone-d5	4.23	46	93542	96.28	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.28%
24) Chloroform-d	4.64	84	116533	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
26) 1,2-Dichloroethane-d4	5.30	65	79264	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.32	84	247168	57.48	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.96%
36) 1,2-Dichloropropane-d6	6.33	67	83398	56.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.92%
41) Toluene-d8	7.56	98	222771	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%
43) trans-1,3-Dichloropropene-	7.85	79	35553	52.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.42%
47) 2-Hexanone-d5	8.35	63	74906	110.57	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.57%
57) 1,1,2,2-Tetrachloroethane-	10.45	84	108001	49.63	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.87	152	81705	55.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.46%

Target Compounds

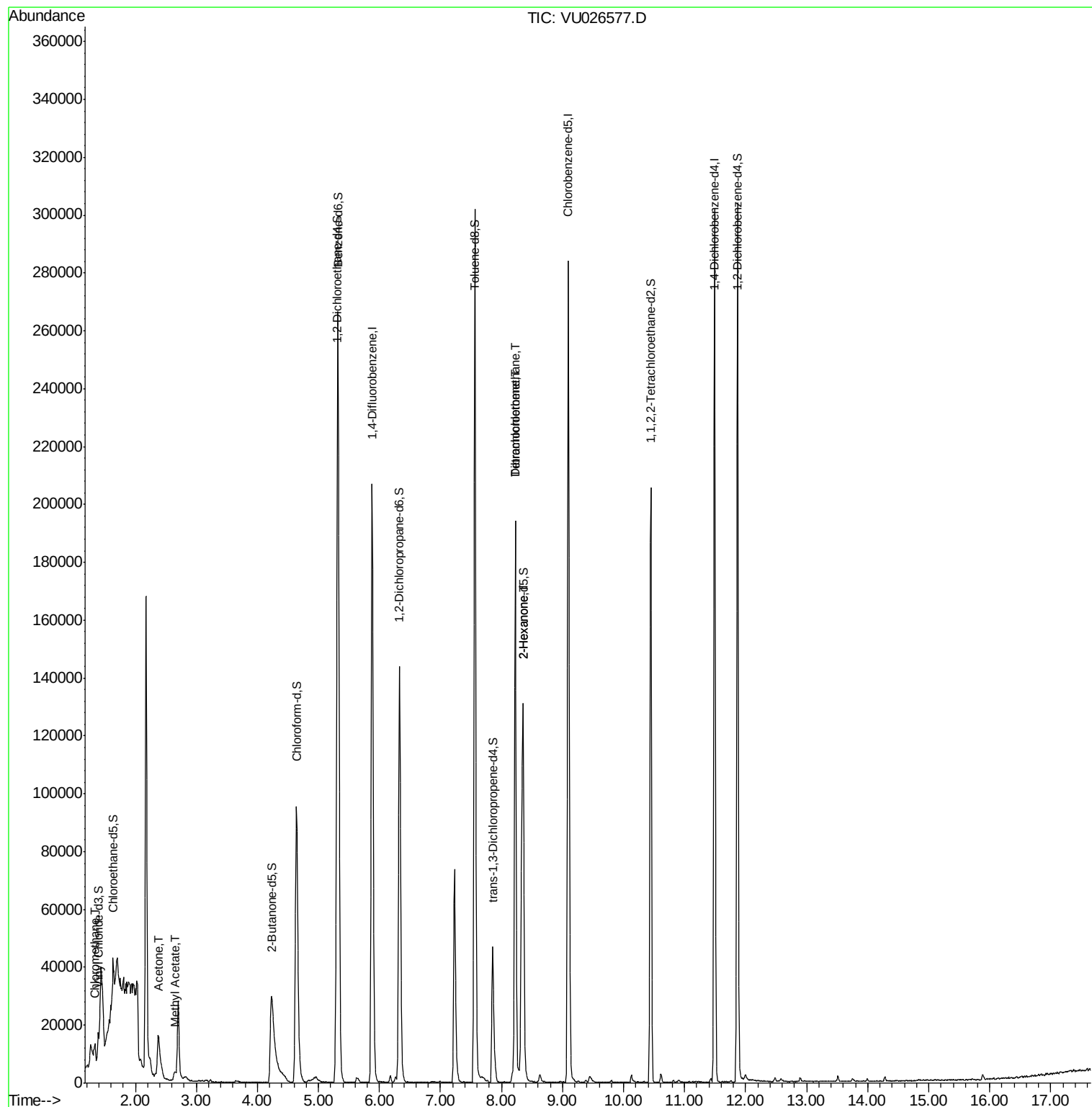
					Qvalue
3) Chloromethane	1.34	50	7925	4.074	ug/L 97
13) Acetone	2.38	43	30223	35.925	ug/L 98
15) Methyl Acetate	2.64	43	2218	1.343	ug/L # 81
46) Tetrachloroethene	8.22	164	46898	42.757	ug/L 97
48) 2-Hexanone	8.35	43	9741	6.194	ug/L # 68
49) Dibromochloromethane	8.22	129	42372	27.723	ug/L # 10

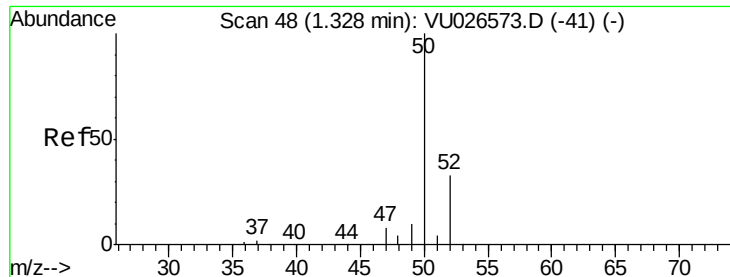
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 4.074 ug/L

RT: 1.34 min Scan# 51

Delta R.T. 0.01 min

Lab File: VU026577.D

Acq: 06 Sep 2018 14:00

Instrument :

MSVOA_U

ClientSampleId :

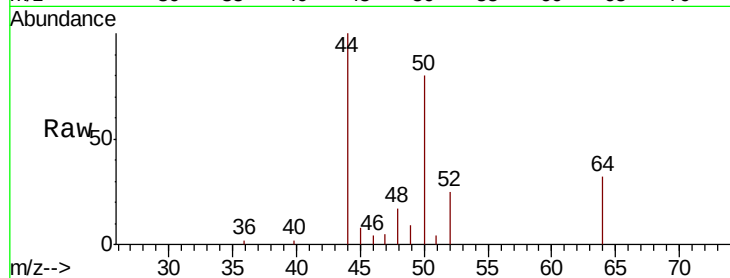
BEGD5

Tgt Ion: 50 Resp: 7925

Ion Ratio Lower Upper

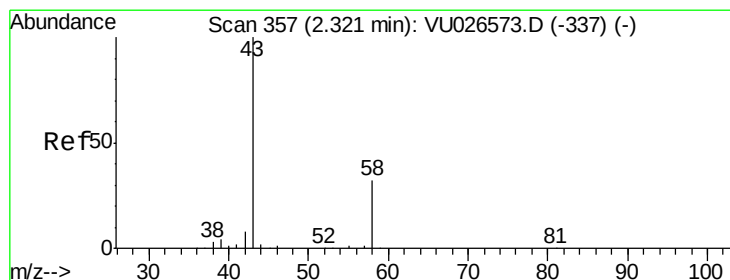
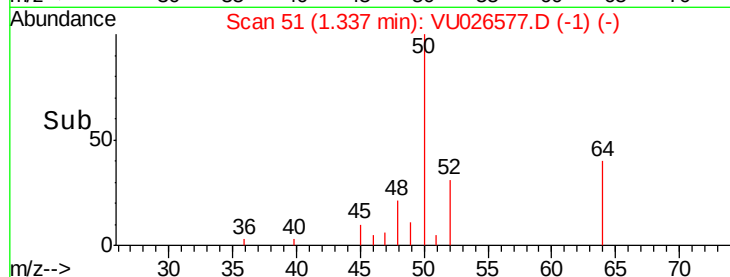
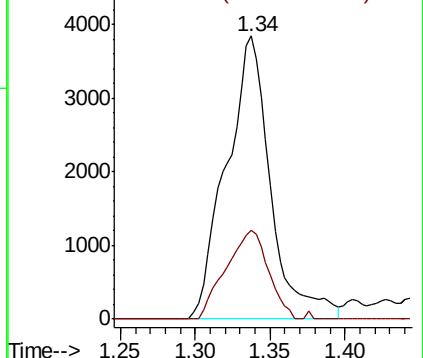
50 100

52 31.2 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 35.925 ug/L

RT: 2.38 min Scan# 374

Delta R.T. 0.06 min

Lab File: VU026577.D

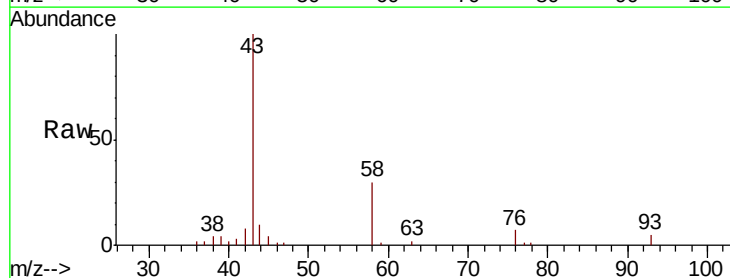
Acq: 06 Sep 2018 14:00

Tgt Ion: 43 Resp: 30223

Ion Ratio Lower Upper

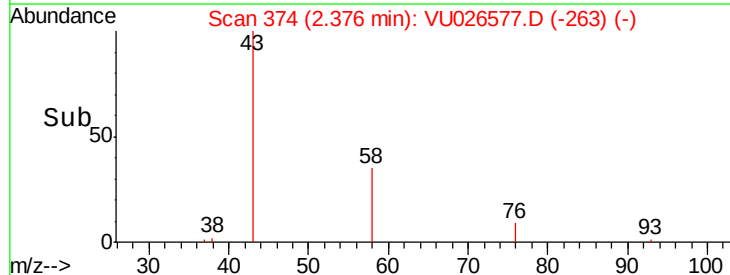
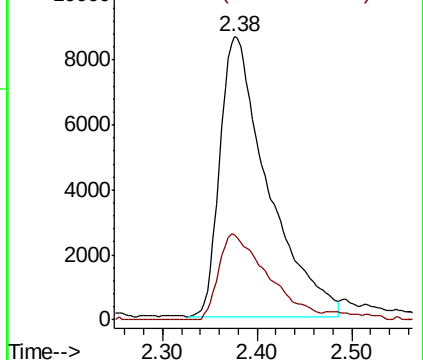
43 100

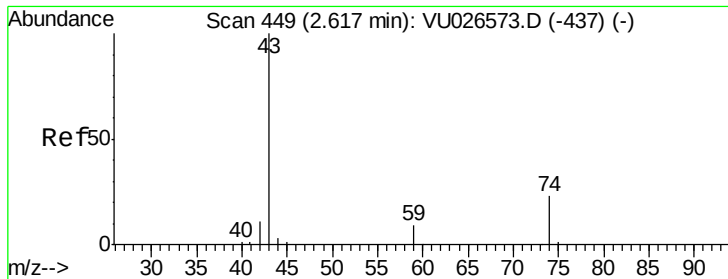
58 31.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#15

Methyl Acetate

Concen: 1.343 ug/L

RT: 2.64 min Scan# 455

Delta R.T. 0.02 min

Lab File: VU026577.D

Acq: 06 Sep 2018 14:00

Instrument :

MSVOA_U

ClientSampleId :

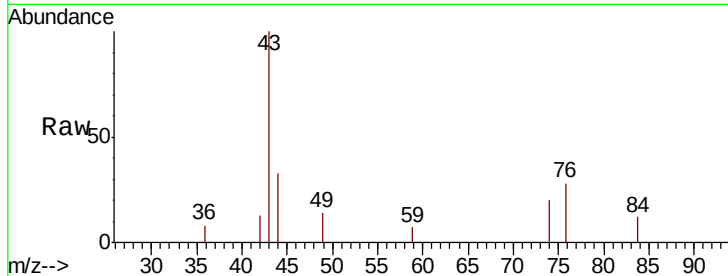
BEGD5

Tgt Ion: 43 Resp: 2218

Ion Ratio Lower Upper

43 100

74 13.1 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU026577.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU026577.D (-437) (-)

2.64

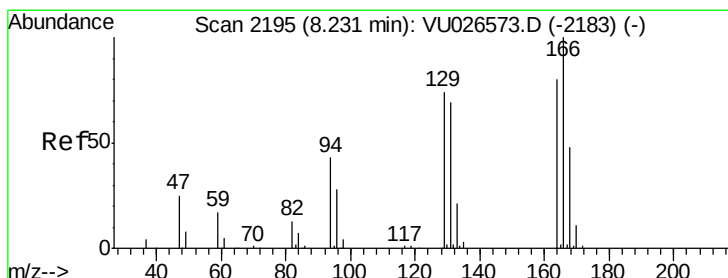
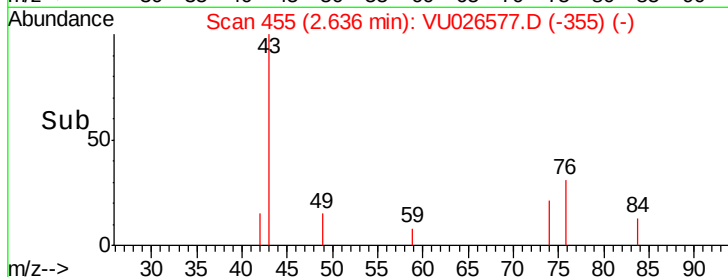
1500

1000

500

0

Time-->



#46

Tetrachloroethene

Concen: 42.757 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU026577.D

Acq: 06 Sep 2018 14:00

Tgt Ion: 164 Resp: 46898

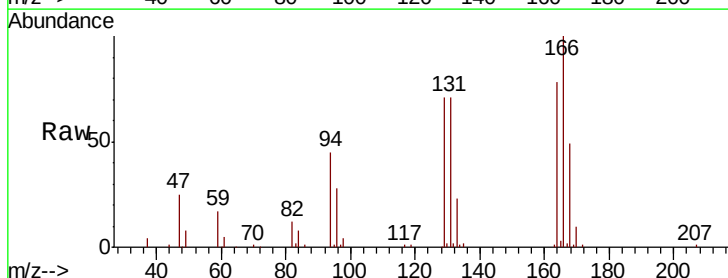
Ion Ratio Lower Upper

164 100

129 91.2 67.3 125.1

131 90.9 65.3 121.3

166 128.0 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): VU026577.D (-2183) (-)

Ion 129.00 (128.70 to 129.70): VU026577.D (-2183) (-)

Ion 131.00 (130.70 to 131.70): VU026577.D (-2183) (-)

Ion 166.00 (165.70 to 166.70): VU026577.D (-2183) (-)

50000

40000

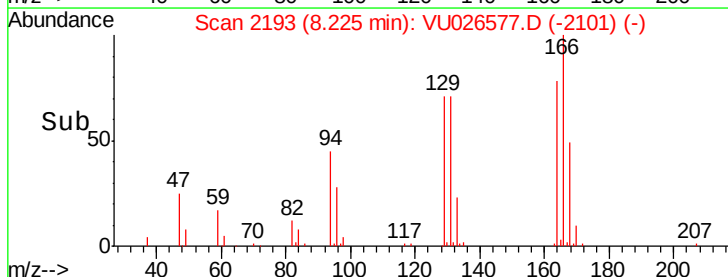
30000

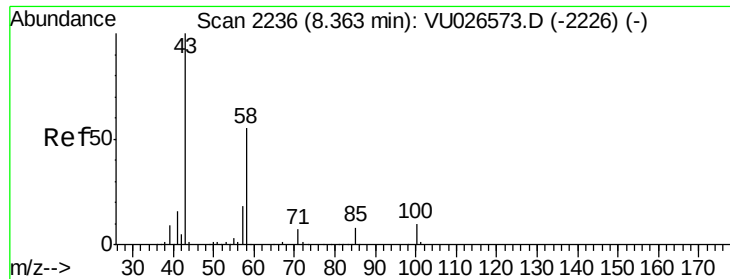
20000

10000

0

Time-->

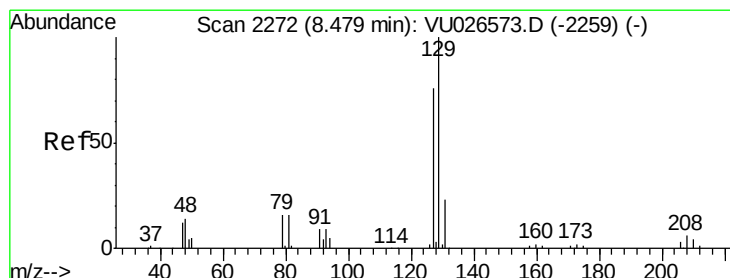
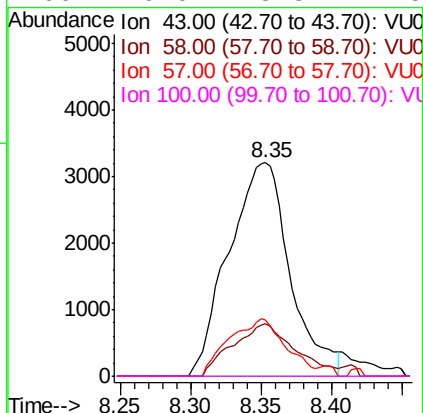
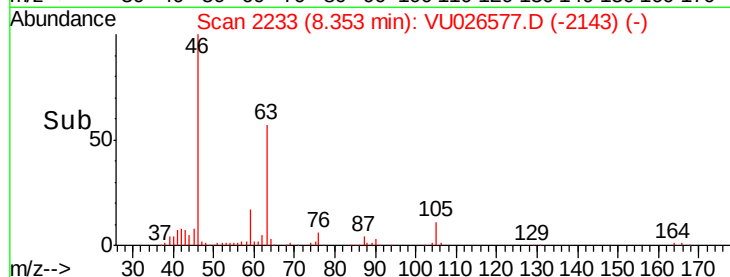
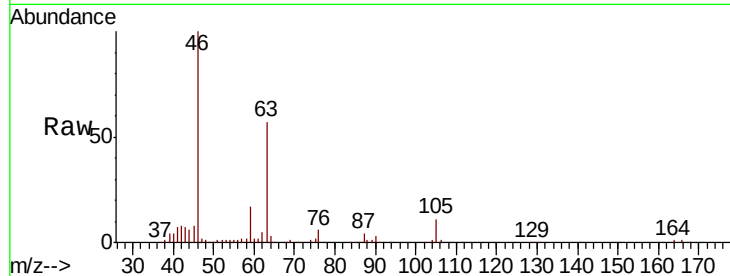




#48
2-Hexanone
Concen: 6.194 ug/L
RT: 8.35 min Scan# 2233
Delta R.T. -0.01 min
Lab File: VU026577.D
Acq: 06 Sep 2018 14:00

Instrument :
MSVOA_U
ClientSampleId :
BEGD5

Tgt Ion: 43 Resp: 9741
Ion Ratio Lower Upper
43 100
58 25.1 42.2 63.4#
57 24.9 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 27.723 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU026577.D
Acq: 06 Sep 2018 14:00

Tgt Ion: 129 Resp: 42372
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#

