

Data File : VU030644.D
Acq On : 03 Apr 2019 21:45
Operator : JC/SP
Sample : K2167-08ME
Misc : 6.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF109ME

Quant Time: Apr 04 06:58:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	669207	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	645893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	317360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141218	26.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.44%#
7) Chloroethane-d5	1.70	69	65	0.02	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.04%#
11) 1,1-Dichloroethene-d2	2.24	63	205578	20.12	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.24%#
21) 2-Butanone-d5	4.19	46	250848	49.55	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	49.55%
24) Chloroform-d	4.64	84	226194	24.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.76%#
26) 1,2-Dichloroethane-d4	5.30	65	158002	26.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	52.04%#
32) Benzene-d6	5.33	84	511572	27.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.24%#
36) 1,2-Dichloropropane-d6	6.32	67	171429	27.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	54.10%#
41) Toluene-d8	7.56	98	444220	26.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	53.40%#
43) trans-1,3-Dichloropropene-	7.85	79	73638	24.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.42%#
47) 2-Hexanone-d5	8.32	63	187414	54.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	54.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	246132	27.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	54.28%#
64) 1,2-Dichlorobenzene-d4	11.86	152	171080	26.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	53.80%#

Target Compounds

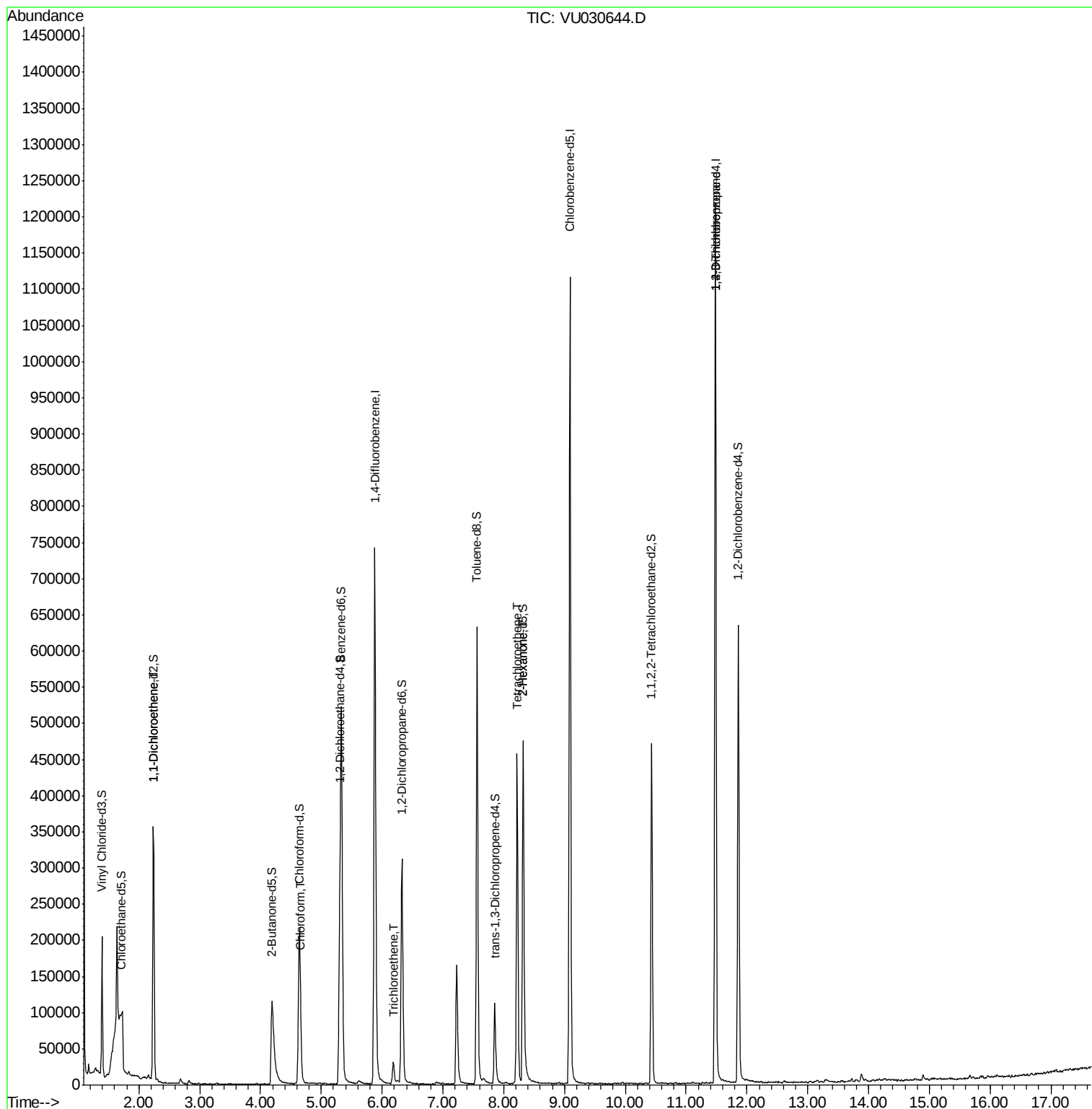
					Qvalue
12) 1,1-Dichloroethene	2.24	96	2945	0.615 ug/L #	1
25) Chloroform	4.67	83	9919	1.012 ug/L	97
34) Trichloroethene	6.19	95	11323	2.095 ug/L	97
46) Tetrachloroethene	8.22	164	104926	27.793 ug/L	97
48) 2-Hexanone	8.32	43	20119	2.342 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	42119	5.546 ug/L	96

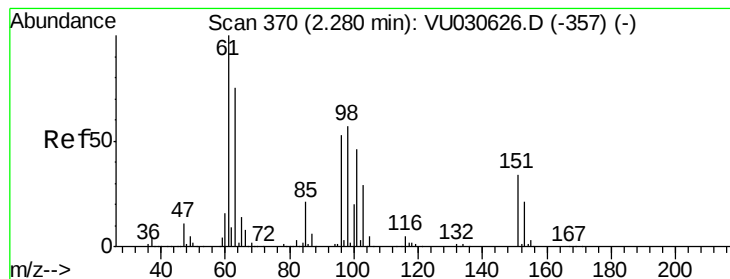
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.615 ug/L

RT: 2.24 min Scan# 359

Delta R.T. -0.04 min

Lab File: VU030644.D

Acq: 03 Apr 2019 21:45

Instrument :

MSVOA_U

ClientSampleId :

BF109ME

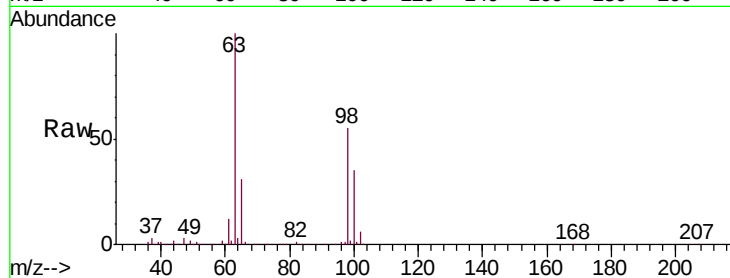
Tgt Ion: 96 Resp: 2945

Ion Ratio Lower Upper

96 100

61 855.5 131.0 243.4#

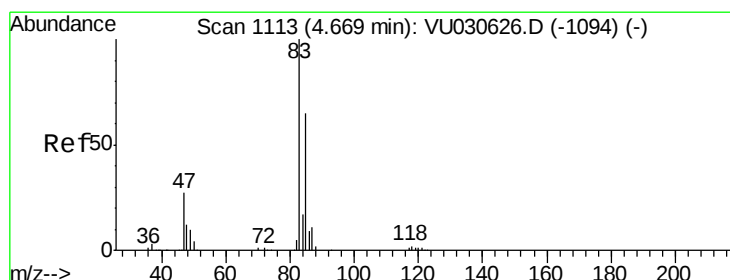
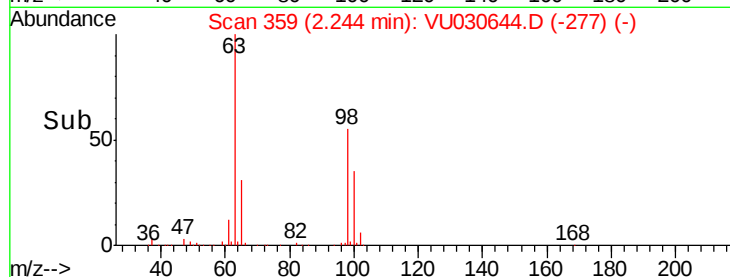
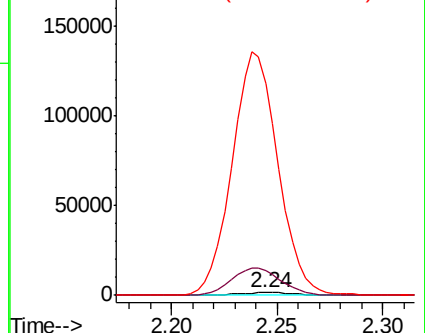
63 7208.8 92.4 171.6#



Abundance Ion 96.00 (95.70 to 96.70): VU030644.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU030644.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU030644.D (-277) (-)



#25

Chloroform

Concen: 1.012 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030644.D

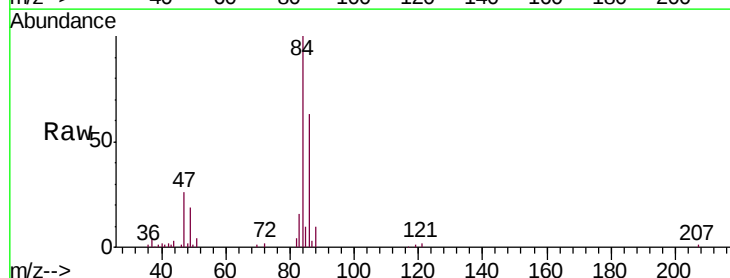
Acq: 03 Apr 2019 21:45

Tgt Ion: 83 Resp: 9919

Ion Ratio Lower Upper

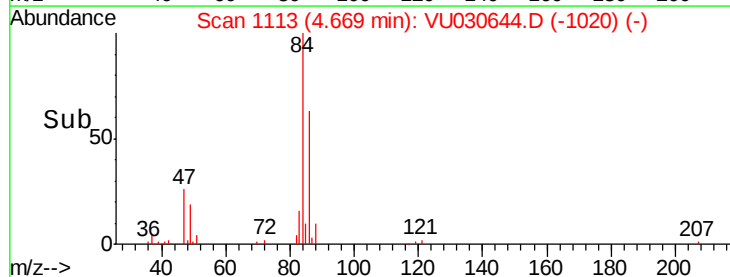
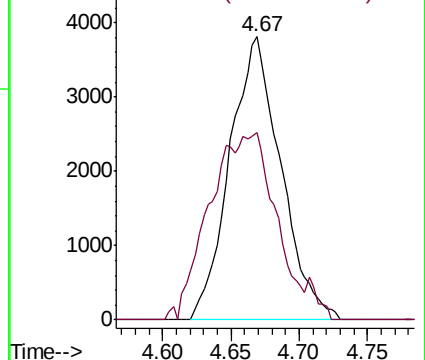
83 100

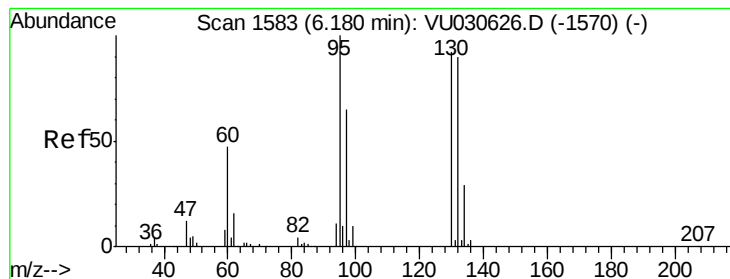
85 66.1 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030644.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VU030644.D (-1020) (-)





#34

Trichloroethene

Concen: 2.095 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030644.D

Acq: 03 Apr 2019 21:45

Instrument :

MSVOA_U

ClientSampleId :

BF109ME

Tgt Ion: 95 Resp: 11323

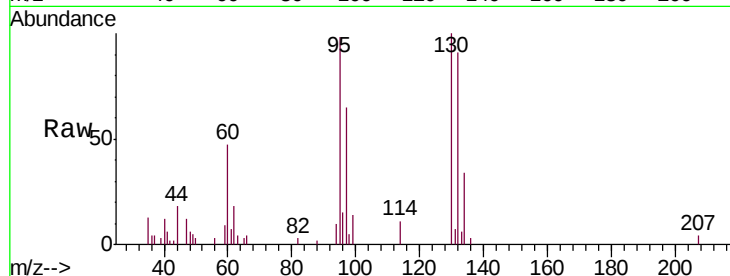
Ion Ratio Lower Upper

95 100

97 65.6 45.7 84.9

132 92.0 63.8 118.4

130 101.6 65.7 121.9



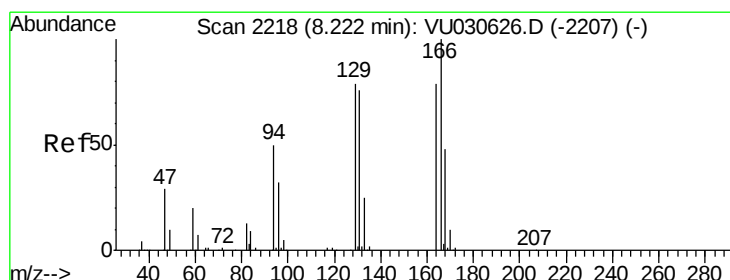
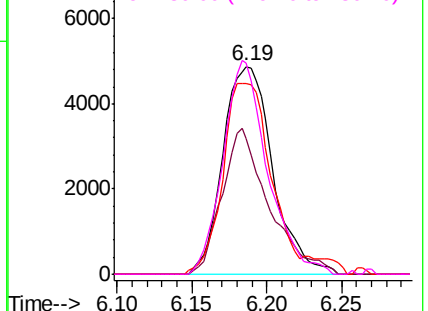
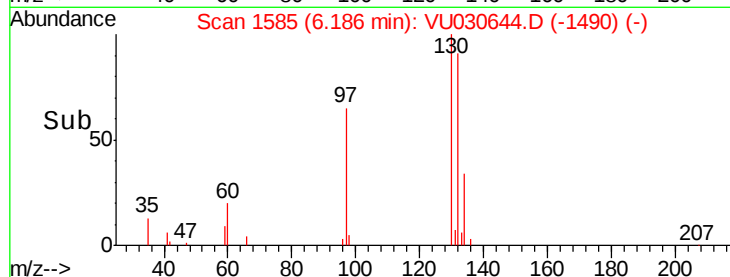
Abundance

Ion 95.00 (94.70 to 95.70): VU030626.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030626.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030626.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030626.D (-1570) (-)



#46

Tetrachloroethene

Concen: 27.793 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030644.D

Acq: 03 Apr 2019 21:45

Tgt Ion: 164 Resp: 104926

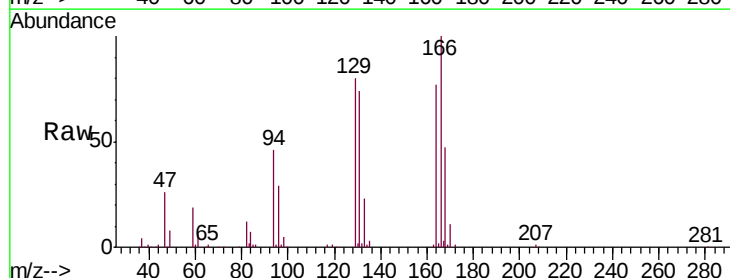
Ion Ratio Lower Upper

164 100

129 103.4 68.1 126.5

131 95.8 67.7 125.7

166 129.4 92.4 171.6



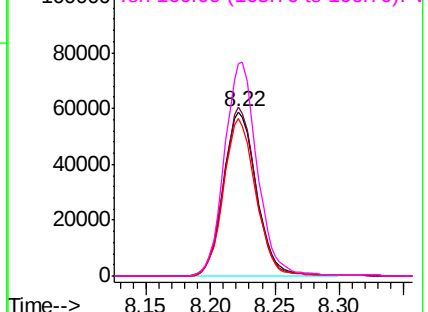
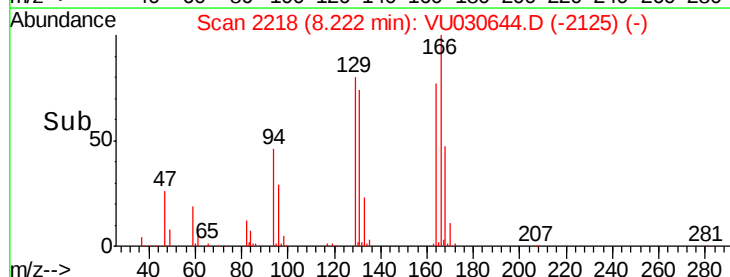
Abundance

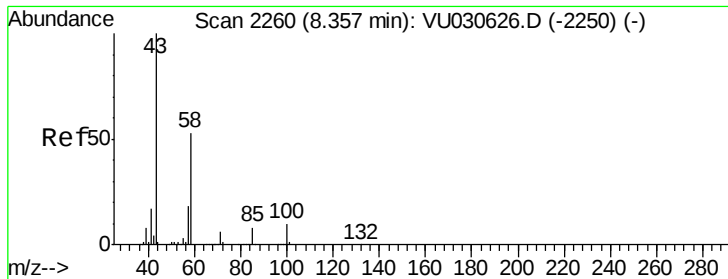
Ion 164.00 (163.70 to 164.70): VU030626.D (-2207) (-)

Ion 129.00 (128.70 to 129.70): VU030626.D (-2207) (-)

Ion 131.00 (130.70 to 131.70): VU030626.D (-2207) (-)

Ion 166.00 (165.70 to 166.70): VU030626.D (-2207) (-)

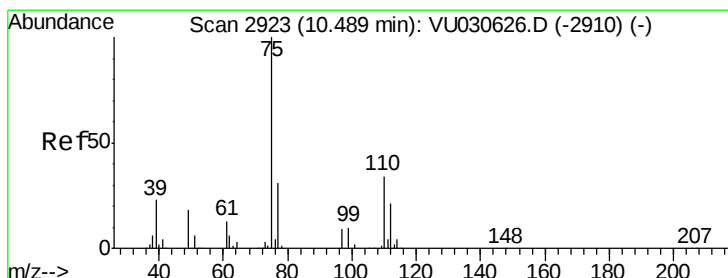
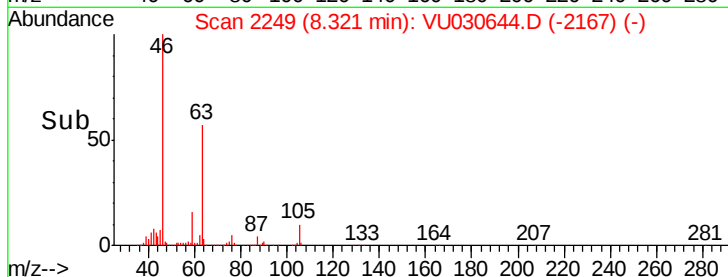
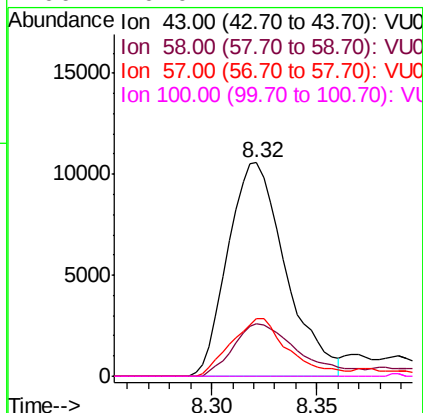
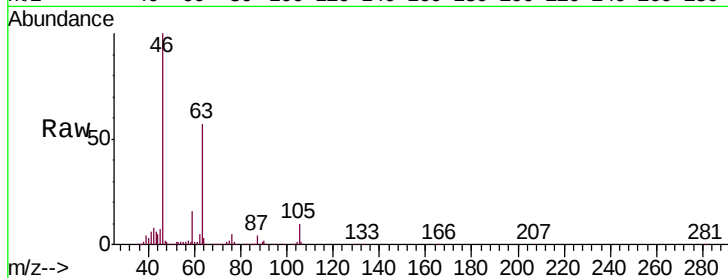




#48
 2-Hexanone
 Concen: 2.342 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030644.D
 Acq: 03 Apr 2019 21:45

Instrument :
 MSVOA_U
 ClientSampleId :
 BF109ME

Tgt Ion:	43	Resp:	20119
Ion	Ratio	Lower	Upper
43	100		
58	26.7	42.5	63.7#
57	26.6	15.0	22.6#
100	0.0	7.4	11.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.546 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030644.D
 Acq: 03 Apr 2019 21:45

Tgt Ion:	75	Resp:	42119
Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.4	38.2

