

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031089.D
 Acq On : 11 Apr 2019 23:06
 Operator : JC/SP
 Sample : K2340-11ME
 Misc : 5.81g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF176ME

Quant Time: Apr 12 04:51:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	421390	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	420772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	199620	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	106597	28.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.68%#
7) Chloroethane-d5	1.64	69	91919	32.20	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.40%#
11) 1,1-Dichloroethene-d2	2.23	63	165657	24.35	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.70%#
21) 2-Butanone-d5	4.19	46	249794	83.79	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.79%
24) Chloroform-d	4.64	84	220796	38.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.84%
26) 1,2-Dichloroethane-d4	5.30	65	159064	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.14%
32) Benzene-d6	5.33	84	445172	36.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.48%
36) 1,2-Dichloropropane-d6	6.32	67	159280	37.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.68%
41) Toluene-d8	7.56	98	366775	33.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.38%#
43) trans-1,3-Dichloropropene-	7.85	79	69362	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
47) 2-Hexanone-d5	8.32	63	163979	85.23	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	251743	44.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	158140	40.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.56%

Target Compounds

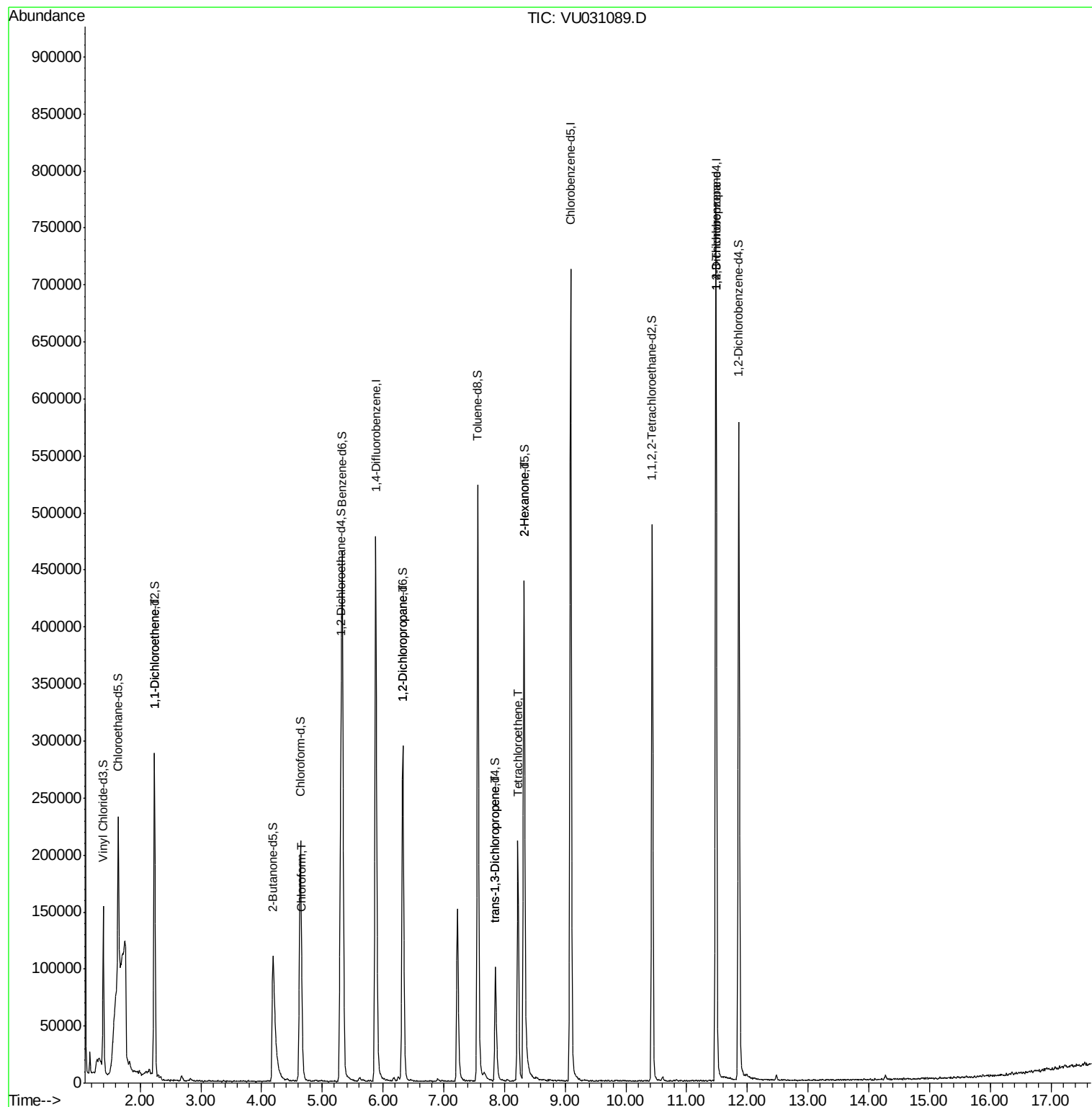
					Ovalue
12) 1,1-Dichloroethene	2.24	96	1821	0.625 ug/L #	1
25) Chloroform	4.67	83	11075	1.726 ug/L	95
37) 1,2-Dichloropropane	6.32	63	16629	4.265 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	2653	0.542 ug/L	87
46) Tetrachloroethene	8.22	164	49875	20.313 ug/L	99
48) 2-Hexanone	8.32	43	19096	3.904 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	23497	5.032 ug/L	92

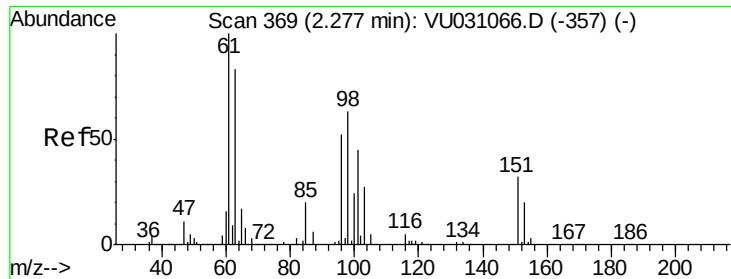
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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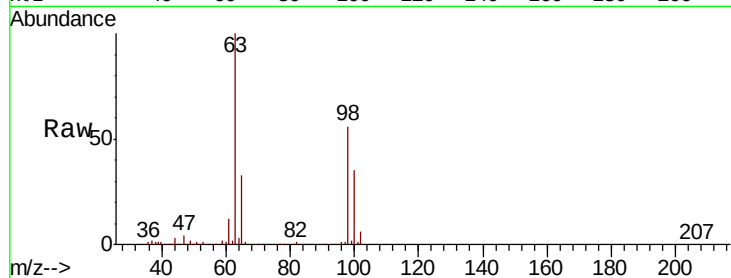




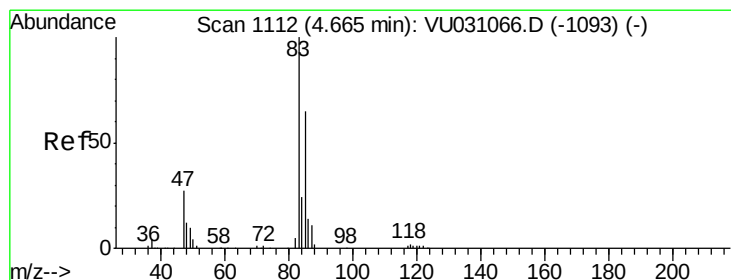
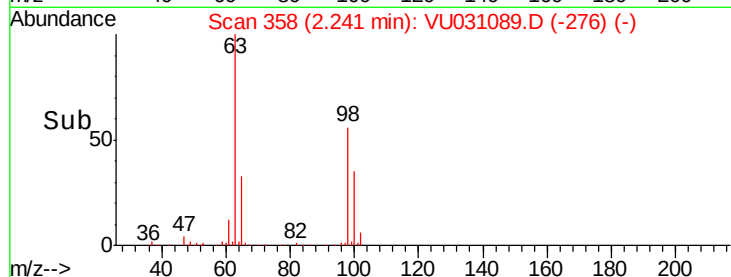
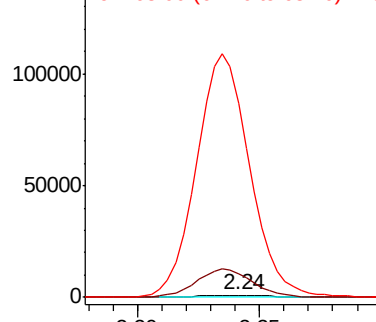
#12
 1,1-Dichloroethene
 Concen: 0.625 ug/L
 RT: 2.24 min Scan# 358
 Delta R.T. -0.04 min
 Lab File: VU031089.D
 Acq: 11 Apr 2019 23:06

Instrument :
 MSVOA_U
 ClientSampleId :
 BF176ME

Tot Ion: 96 Resp: 1821
 Ion Ratio Lower Upper
 96 100
 61 1071.6 132.0 245.2#
 63 8655.0 90.9 168.9#

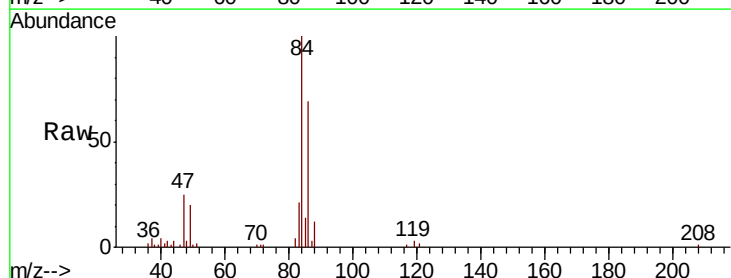


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

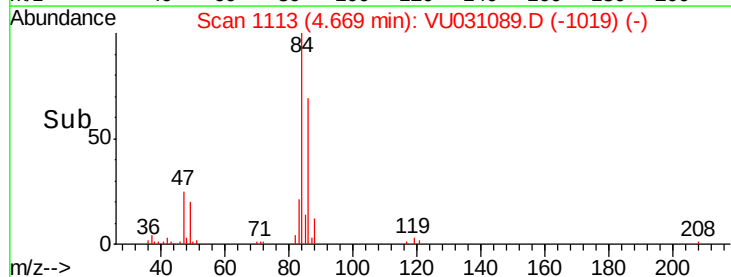
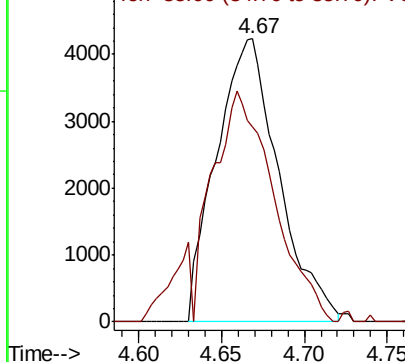


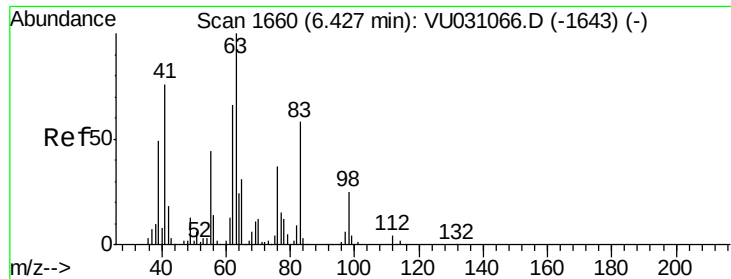
#25
 Chloroform
 Concen: 1.726 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU031089.D
 Acq: 11 Apr 2019 23:06

Tgt Ion: 83 Resp: 11075
 Ion Ratio Lower Upper
 83 100
 85 69.1 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

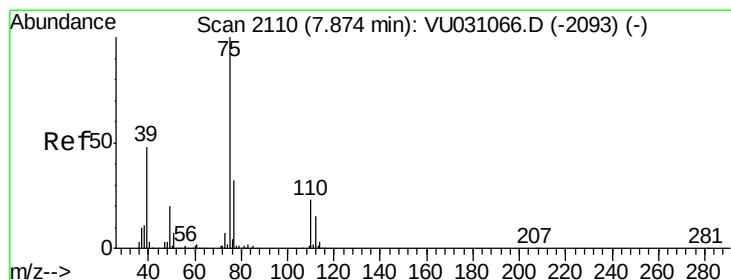
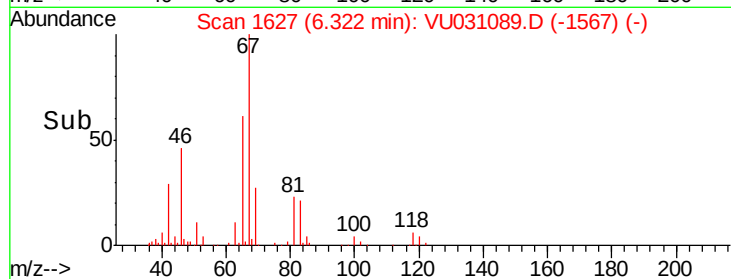
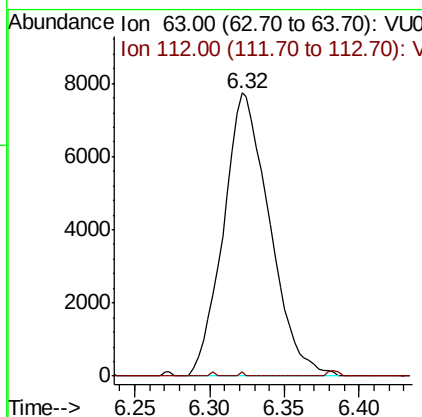
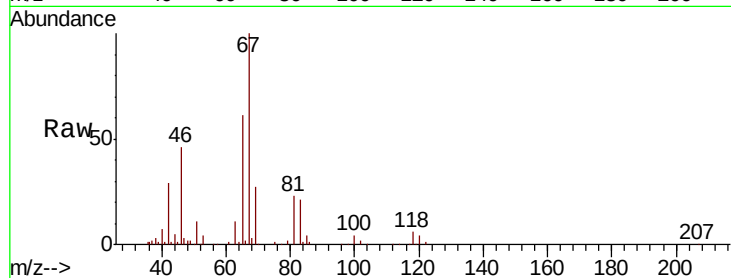




#37
 1,2-Dichloropropane
 Concen: 4.265 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU031089.D
 Acq: 11 Apr 2019 23:06

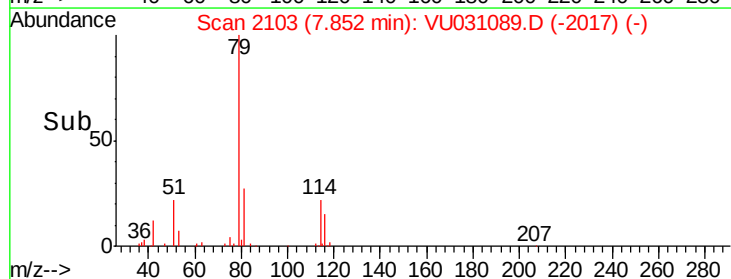
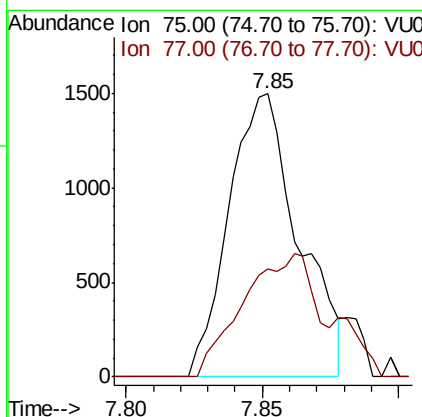
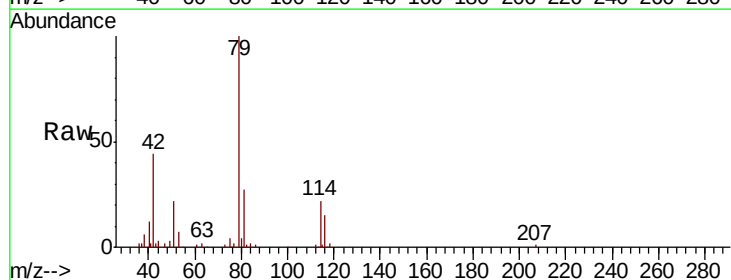
Instrument :
 MSVOA_U
 ClientSampleId :
 BF176ME

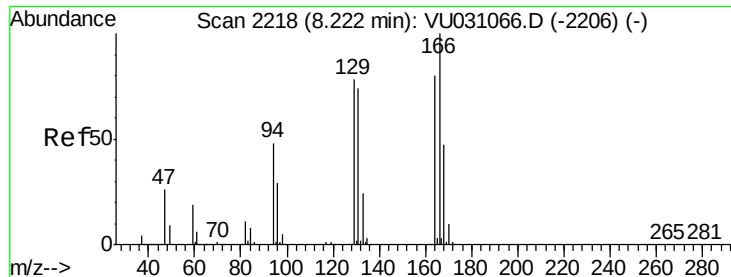
Tot Ion: 63 Resp: 16629
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.0 4.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.542 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: VU031089.D
 Acq: 11 Apr 2019 23:06

Tgt Ion: 75 Resp: 2653
 Ion Ratio Lower Upper
 75 100
 77 37.9 21.6 40.0





#46

Tetrachloroethene

Concen: 20.313 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031089.D

Acq: 11 Apr 2019 23:06

Instrument :

MSVOA_U

ClientSampleId :

BF176ME

Tot Ion:164 Resp: 49875

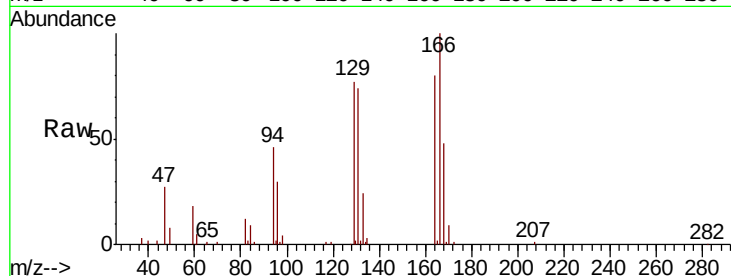
Ion Ratio Lower Upper

164 100

129 97.3 67.4 125.2

131 93.2 65.9 122.5

166 125.6 88.6 164.6

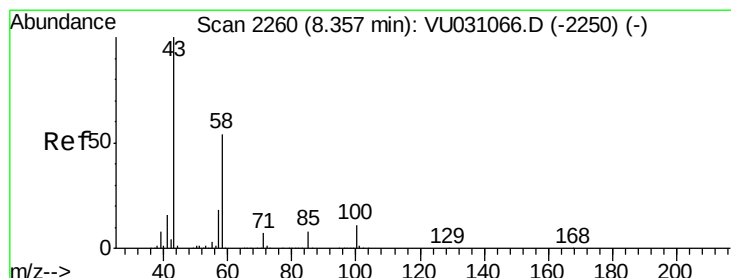
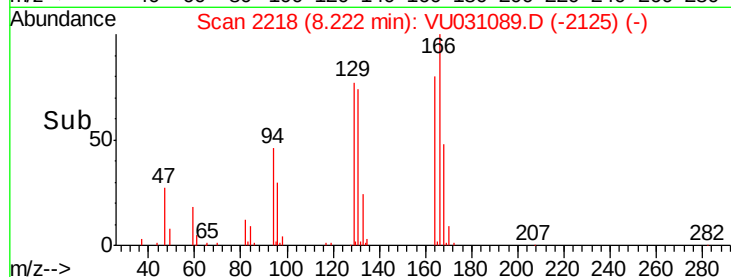
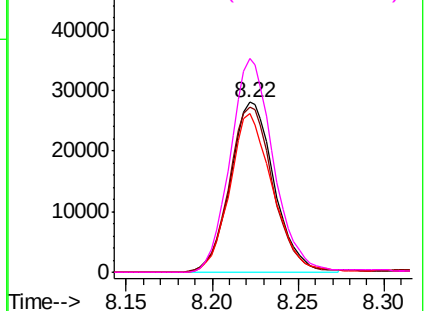


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 3.904 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU031089.D

Acq: 11 Apr 2019 23:06

Tgt Ion: 43 Resp: 19096

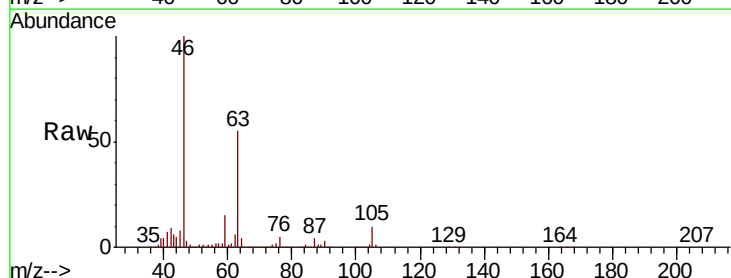
Ion Ratio Lower Upper

43 100

58 36.2 41.9 62.9#

57 34.5 14.3 21.5#

100 1.0 7.1 10.7#

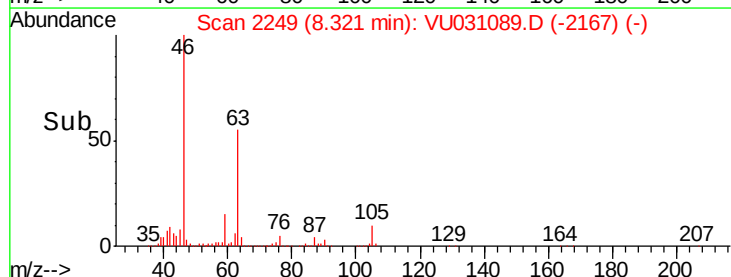
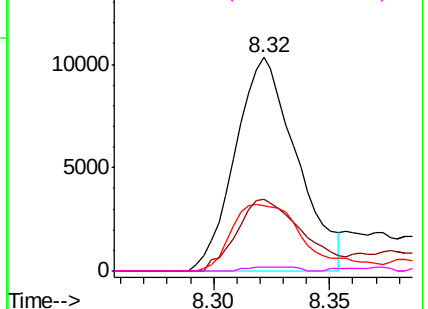


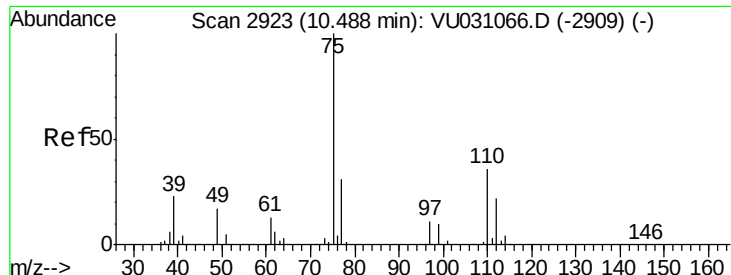
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.032 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031089.D

Acq: 11 Apr 2019 23:06

Instrument :

MSVOA_U

ClientSampleId :

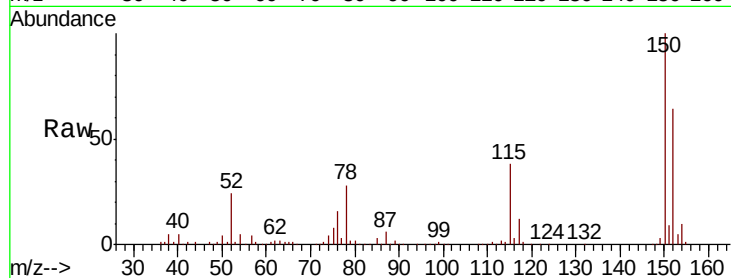
BF176ME

Tot Ion: 75 Resp: 23497

Ion Ratio Lower Upper

75 100

77 37.1 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

