

Data File : VU030755.D
Acq On : 05 Apr 2019 20:51
Operator : JC/SP
Sample : K2167-12ME
Misc : 4.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF113ME

Quant Time: Apr 06 02:21:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451335	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	443553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	152724	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.82%
7) Chloroethane-d5	1.69	69	254	0.08	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.16%#
11) 1,1-Dichloroethene-d2	2.23	63	232505	31.91	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.82%
21) 2-Butanone-d5	4.19	46	319047	99.92	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.92%
24) Chloroform-d	4.64	84	271489	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
26) 1,2-Dichloroethane-d4	5.30	65	200029	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.33	84	566563	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
36) 1,2-Dichloropropane-d6	6.32	67	201389	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.76%
41) Toluene-d8	7.56	98	465559	40.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.12%
43) trans-1,3-Dichloropropene-	7.85	79	86131	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.14%
47) 2-Hexanone-d5	8.32	63	217373	107.18	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306901	51.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	184669	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%

Target Compounds

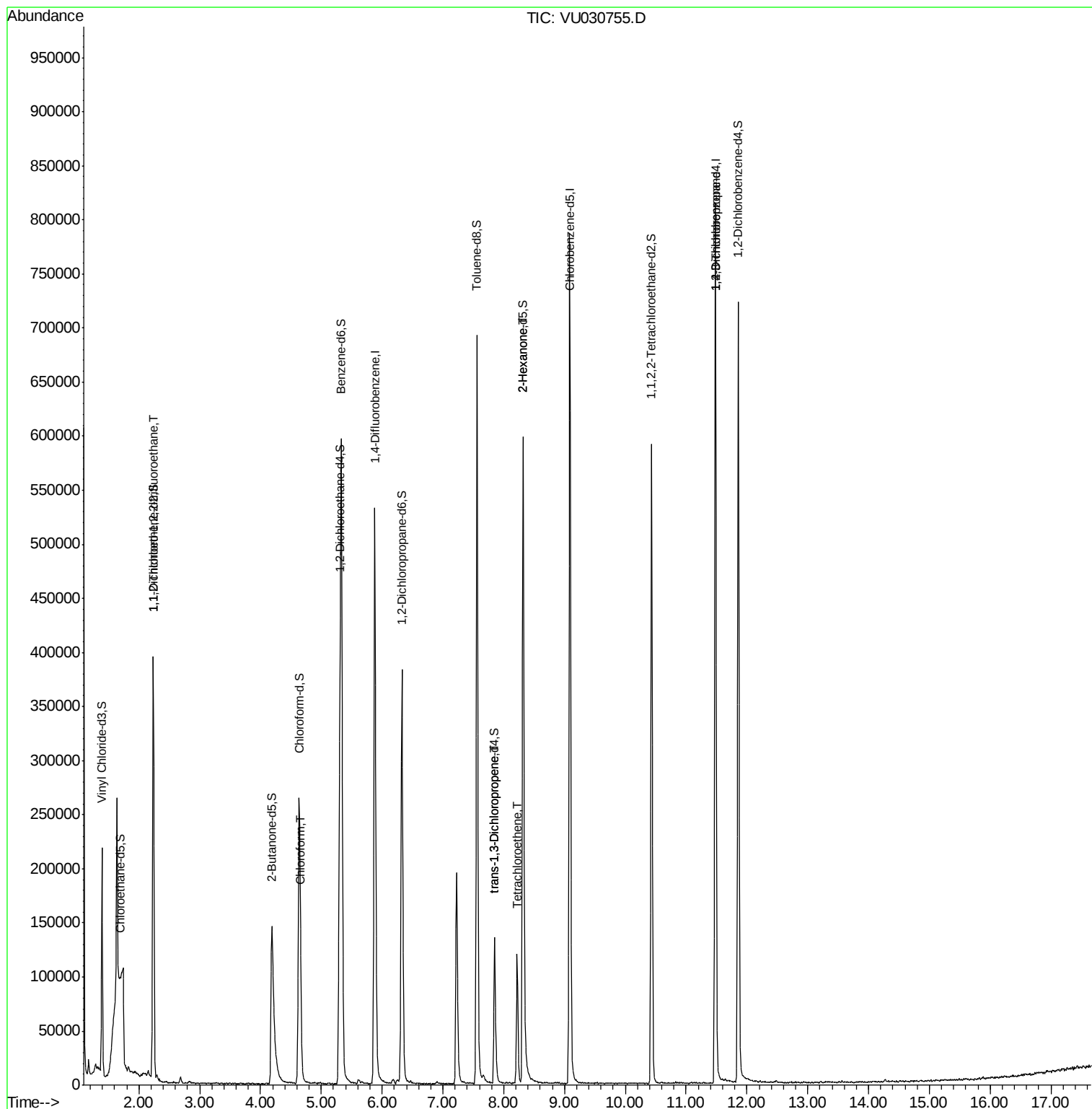
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	1838	0.569 ug/L #	20
25) Chloroform	4.67	83	15828	2.304 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	3342	0.648 ug/L #	82
46) Tetrachloroethene	8.22	164	25215	9.742 ug/L	96
48) 2-Hexanone	8.32	43	27362	5.306 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	26661	5.416 ug/L	91

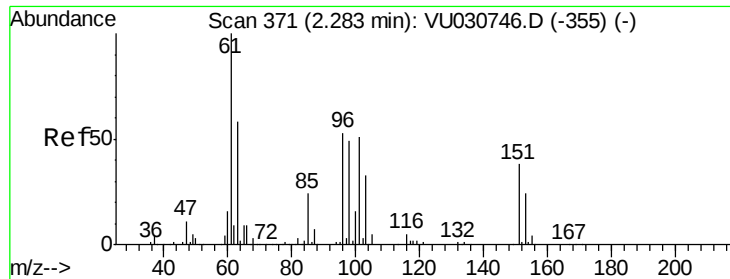
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.569 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

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MSVOA_U

ClientSampleId :

BF113ME

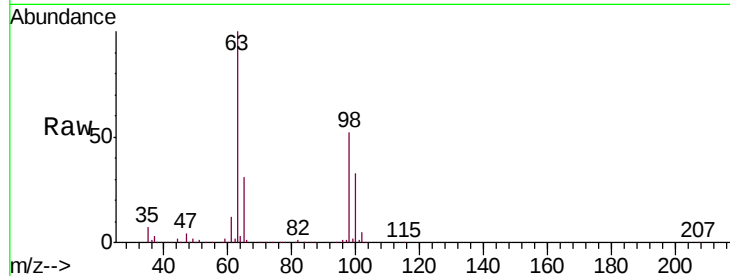
Tgt Ion: 101 Resp: 1838

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

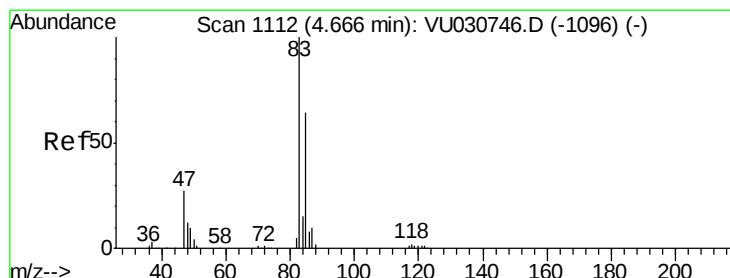
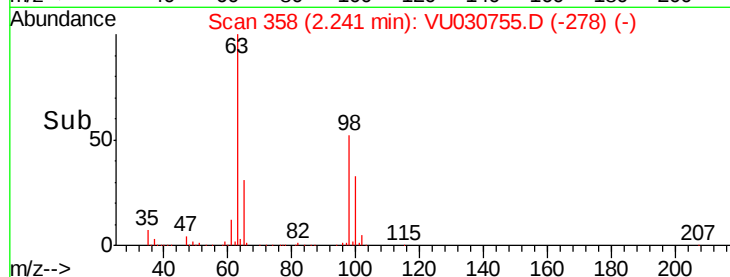
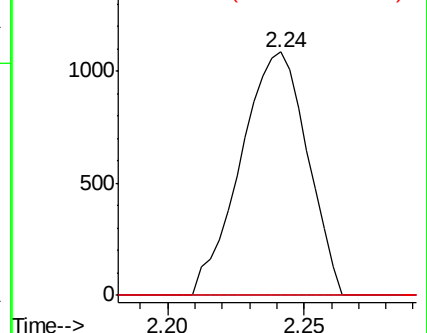
151 0.0 57.4 86.0#



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



#25

Chloroform

Concen: 2.304 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

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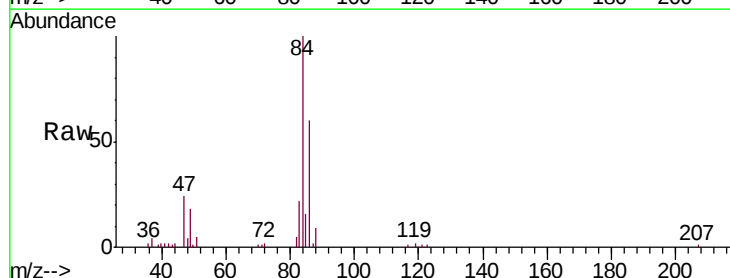
Acq: 05 Apr 2019 20:51

Tgt Ion: 83 Resp: 15828

Ion Ratio Lower Upper

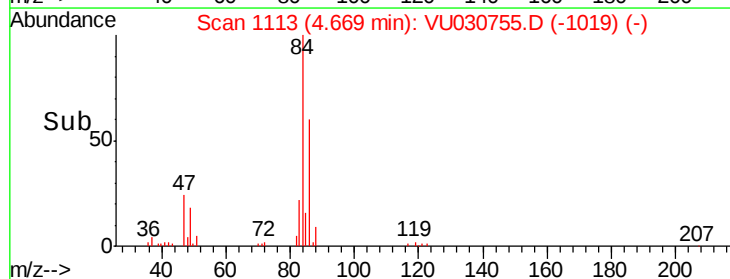
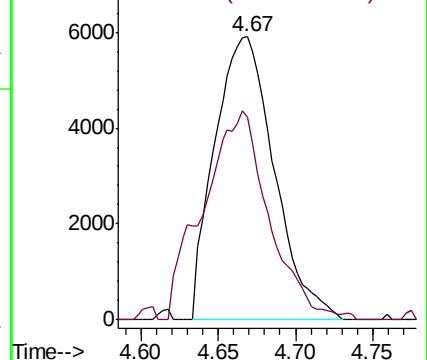
83 100

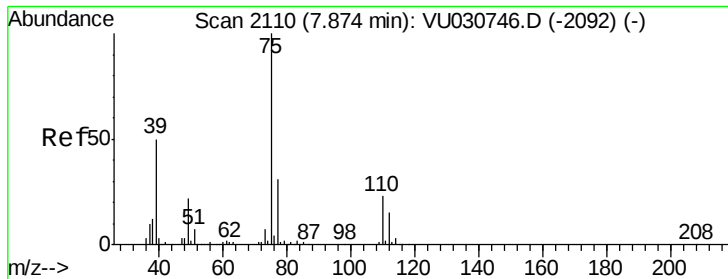
85 71.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.648 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

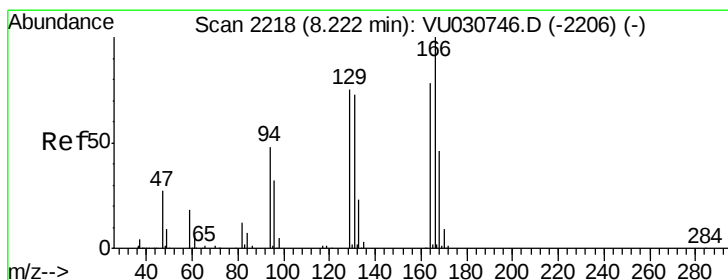
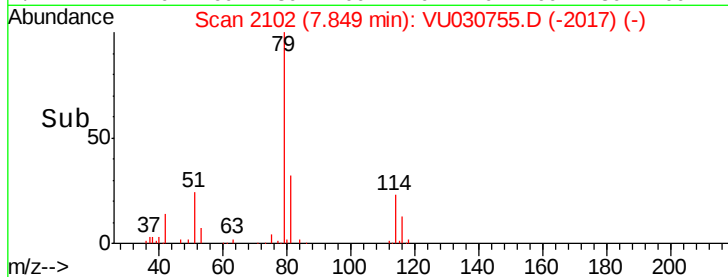
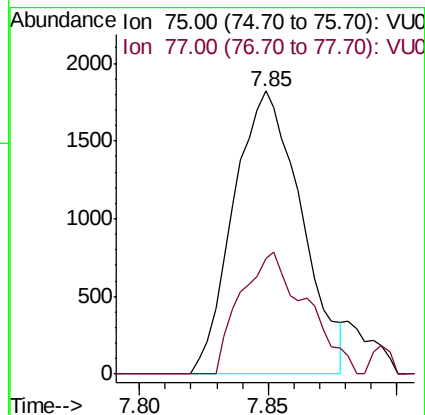
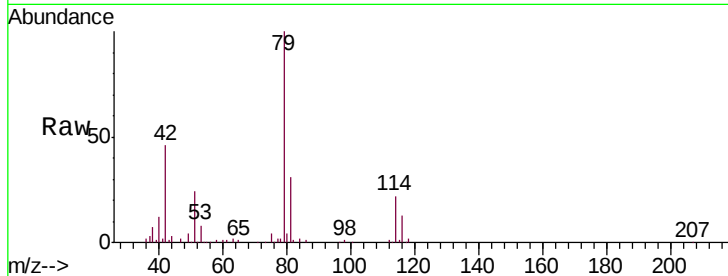
BF113ME

Tgt Ion: 75 Resp: 3342

Ion Ratio Lower Upper

75 100

77 40.9 21.6 40.0#



#46

Tetrachloroethene

Concen: 9.742 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU030755.D

Acq: 05 Apr 2019 20:51

Tgt Ion: 164 Resp: 25215

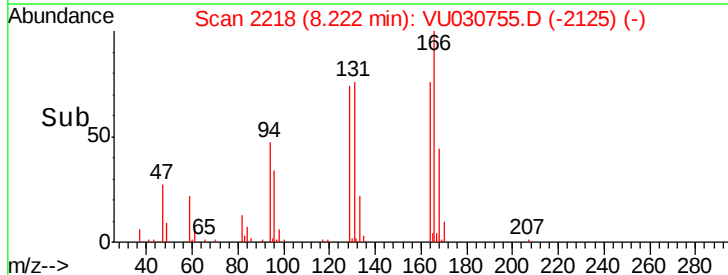
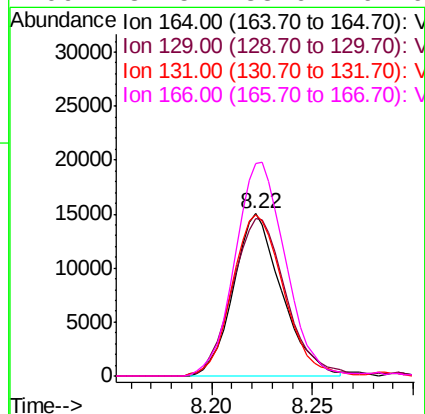
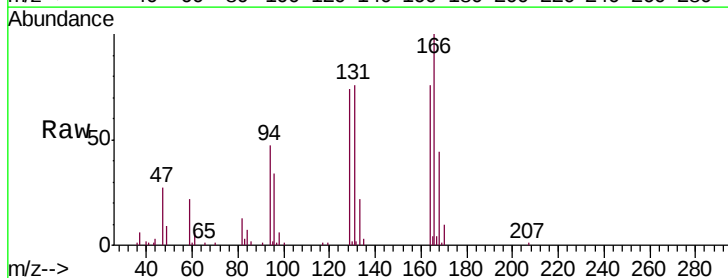
Ion Ratio Lower Upper

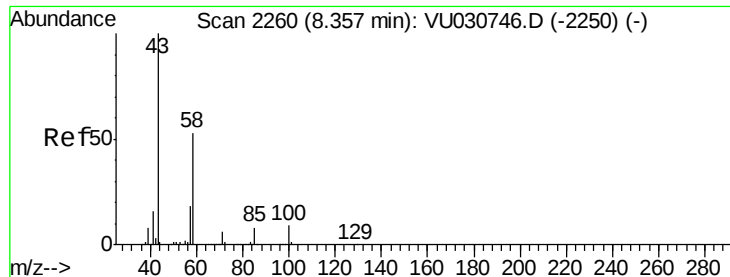
164 100

129 96.8 67.4 125.2

131 99.6 65.9 122.5

166 131.5 88.6 164.6

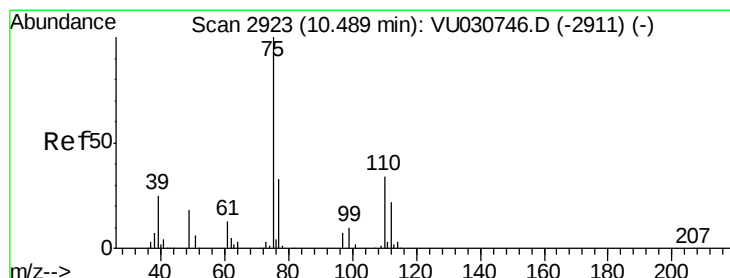
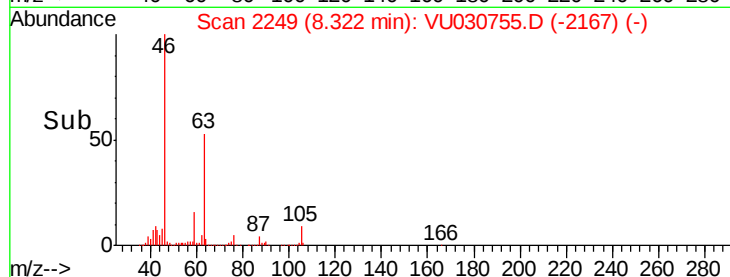
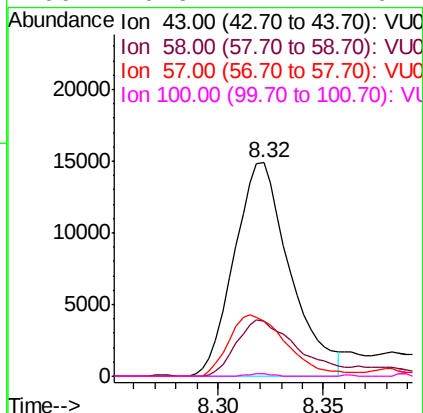
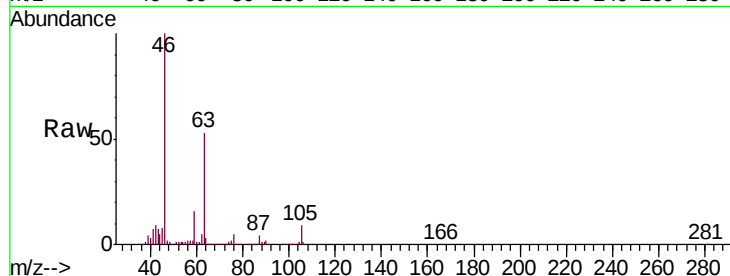




#48
 2-Hexanone
 Concen: 5.306 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030755.D
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Instrument :
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 BF113ME

Tgt Ion:	43	Resp:	27362
Ion	Ratio	Lower	Upper
43	100		
58	29.3	41.9	62.9#
57	29.4	14.3	21.5#
100	0.6	7.1	10.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.416 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030755.D
 Acq: 05 Apr 2019 20:51

Tgt Ion:	75	Resp:	26661
Ion	Ratio	Lower	Upper
75	100		
77	37.9	26.1	39.1

