

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031077.D
 Acq On : 11 Apr 2019 18:31
 Operator : JC/SP
 Sample : K2341-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB735

Quant Time: Apr 12 04:50:00 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	456477	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	451268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193730	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	150670	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.96%
7) Chloroethane-d5	1.68	69	136207	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.08%
11) 1,1-Dichloroethene-d2	2.27	63	227492	30.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.74%
21) 2-Butanone-d5	4.17	46	344325	106.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.62%
24) Chloroform-d	4.64	84	311549	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.30	65	219068	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
32) Benzene-d6	5.34	84	599208	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
36) 1,2-Dichloropropane-d6	6.32	67	212414	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.10%
41) Toluene-d8	7.56	98	509978	43.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.34%
43) trans-1,3-Dichloropropene-	7.85	79	93730	45.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.06%
47) 2-Hexanone-d5	8.31	63	194027	94.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313386	51.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	200564	52.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.28%

Target Compounds

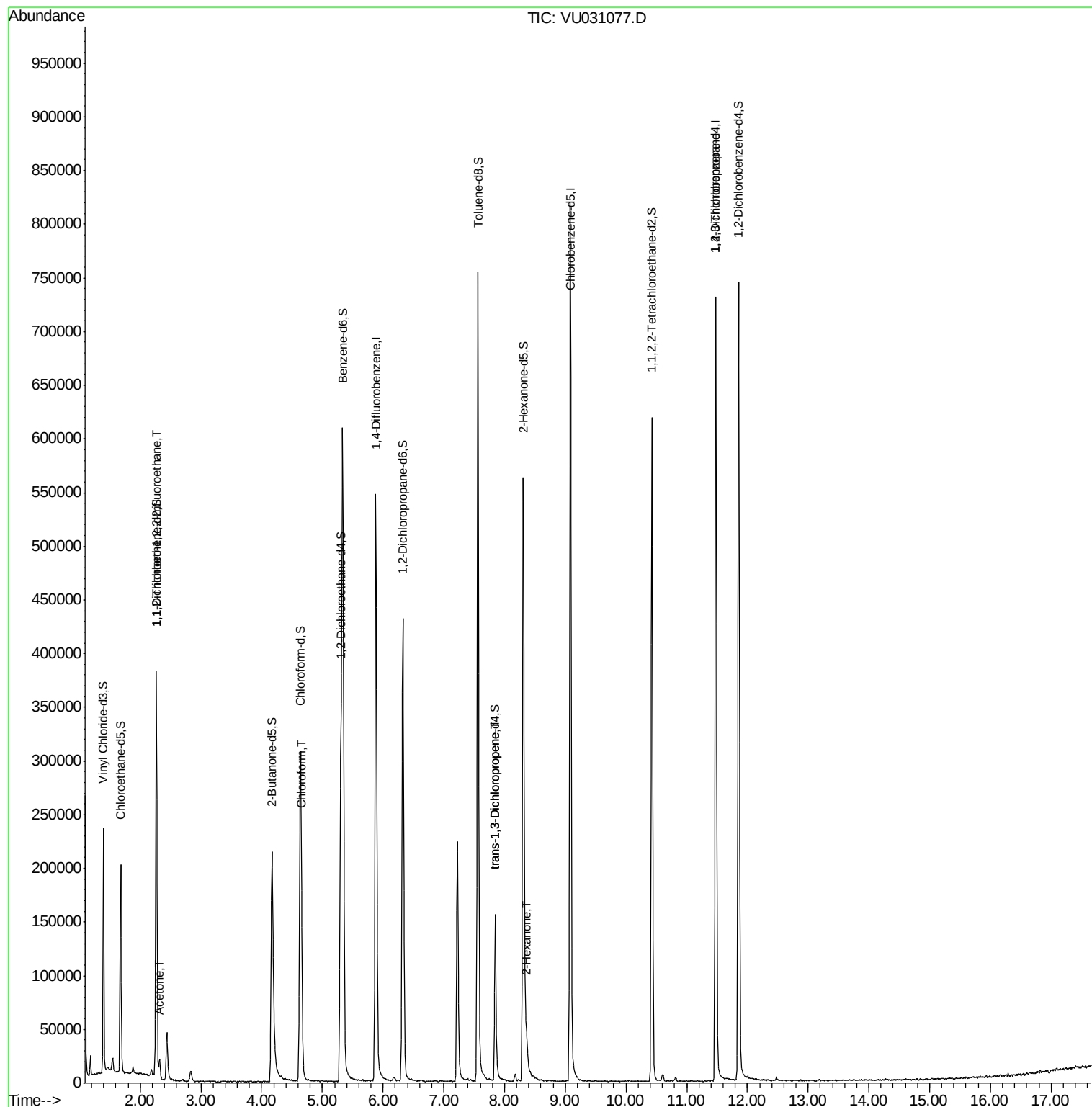
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1870	0.572 ug/L #	20
13) Acetone	2.32	43	16909	5.117 ug/L	97
25) Chloroform	4.67	83	10491	1.510 ug/L	87
44) trans-1,3-Dichloropropene	7.85	75	4096	0.781 ug/L #	70
48) 2-Hexanone	8.36	43	14319	2.729 ug/L #	41
59) 1,2,3-Trichloropropane	11.48	75	23670	4.726 ug/L	89

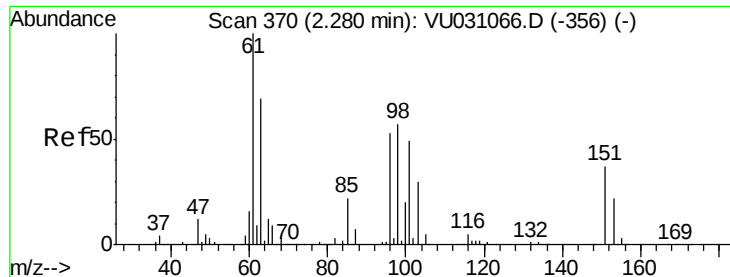
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration





#10

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

Concen: 0.572 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031077.D

Acq: 11 Apr 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

DB735

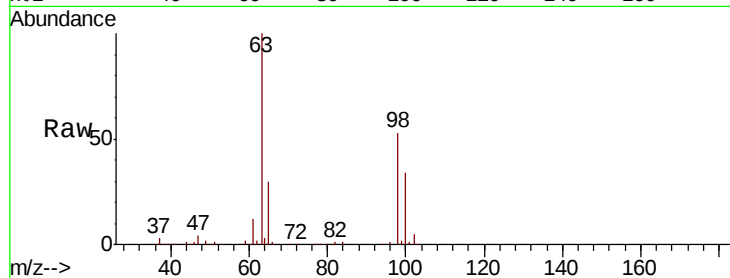
Tot Ion:101 Resp: 1870

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

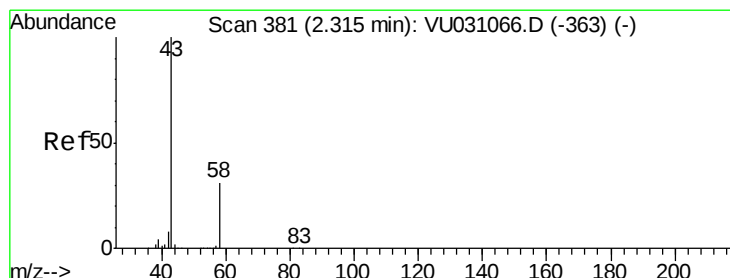
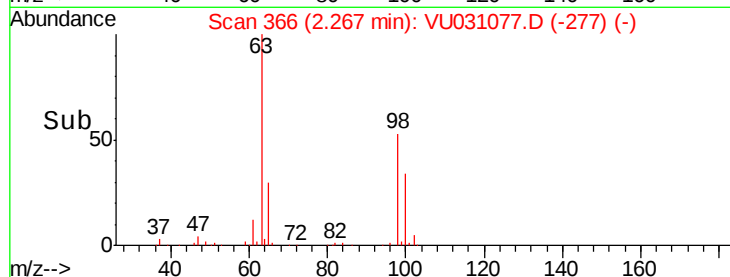
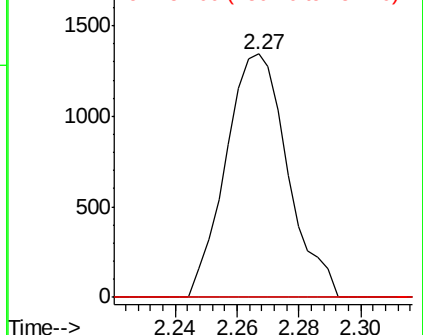
151 0.0 57.4 86.0#



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



#13

Acetone

Concen: 5.117 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031077.D

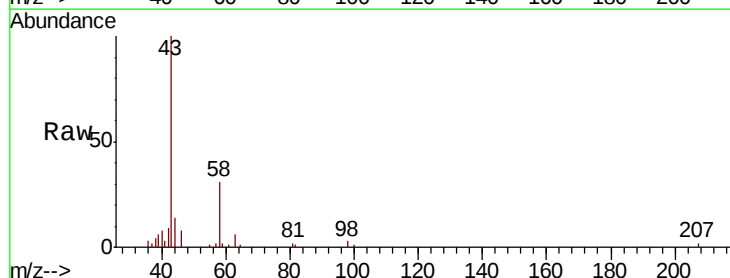
Acq: 11 Apr 2019 18:31

Tgt Ion: 43 Resp: 16909

Ion Ratio Lower Upper

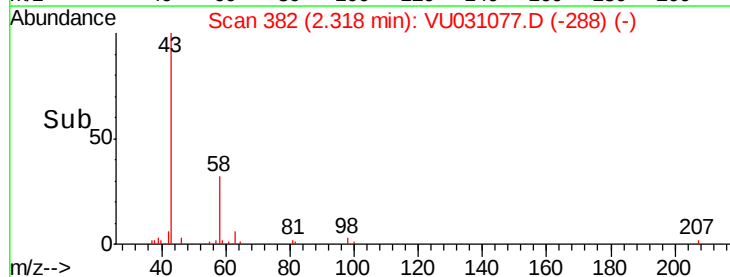
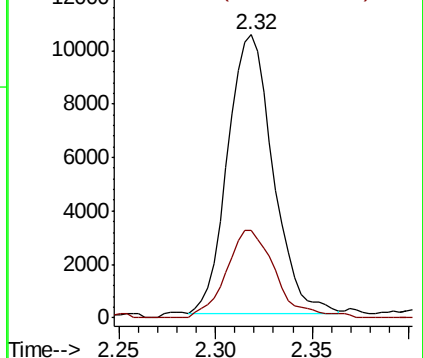
43 100

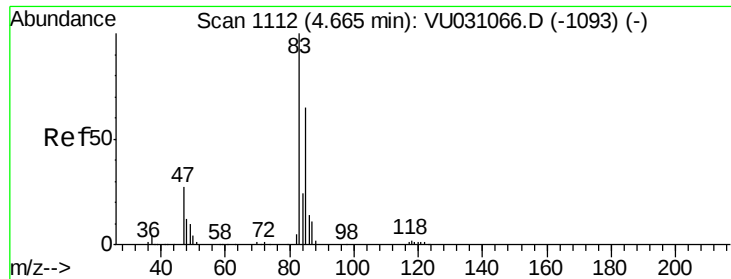
58 33.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

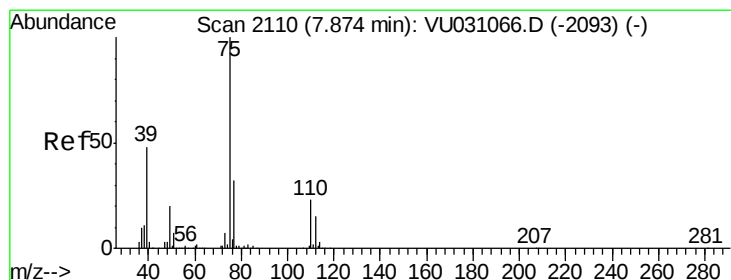
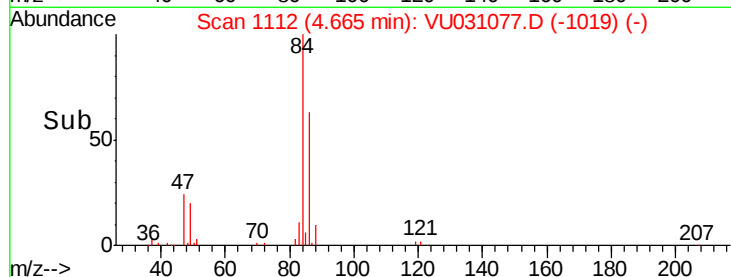
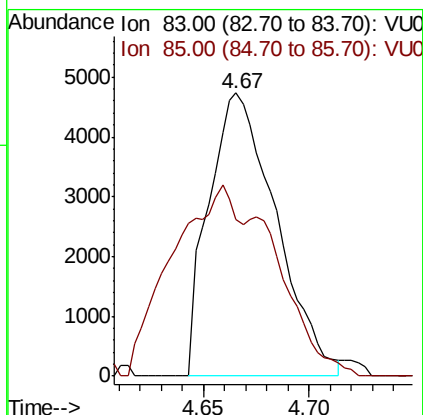
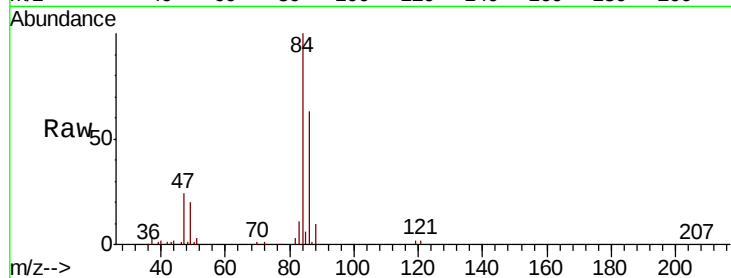




#25
Chloroform
Concen: 1.510 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU031077.D
Acq: 11 Apr 2019 18:31

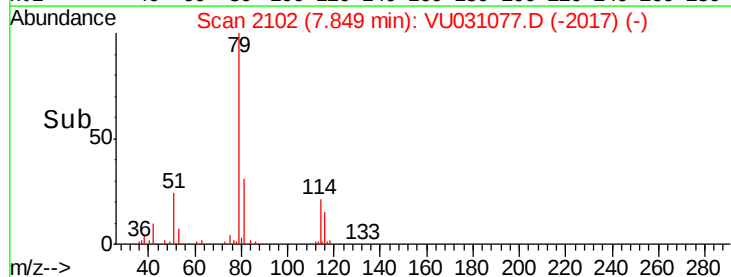
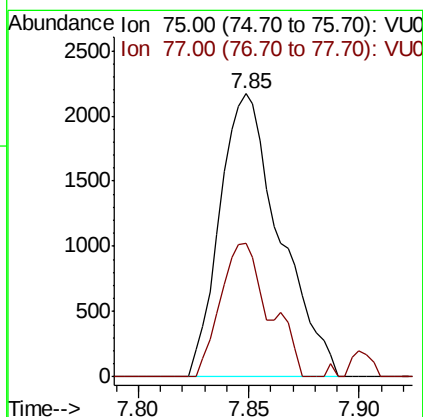
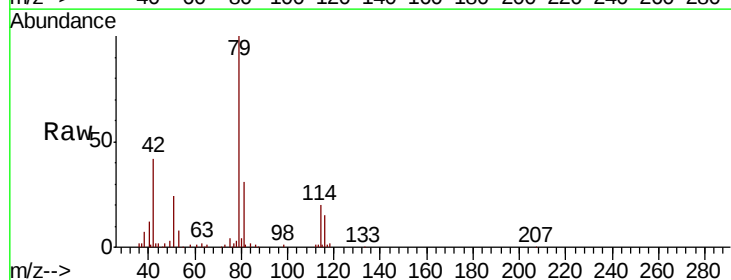
Instrument :
MSVOA_U
ClientSampled :
DB735

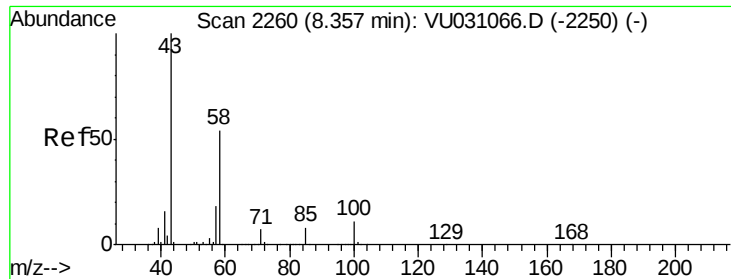
Tot Ion: 83 Resp: 10491
Ion Ratio Lower Upper
83 100
85 55.1 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.781 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031077.D
Acq: 11 Apr 2019 18:31

Tgt Ion: 75 Resp: 4096
Ion Ratio Lower Upper
75 100
77 47.3 21.6 40.0#

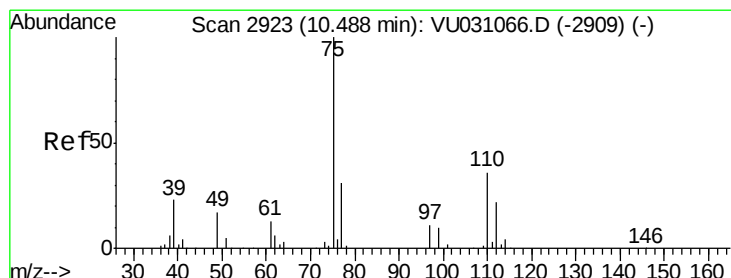
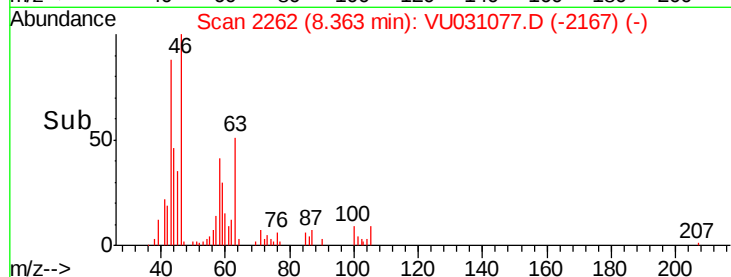
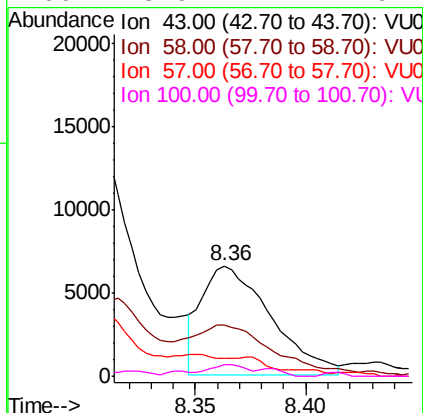
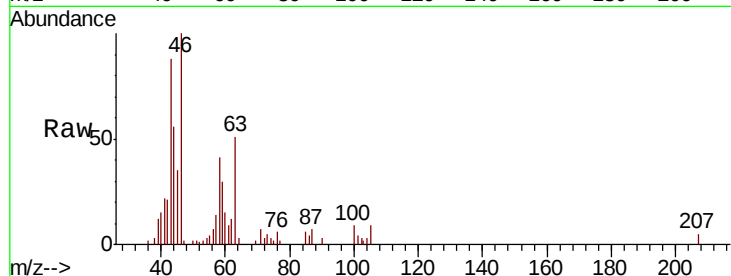




#48
2-Hexanone
Concen: 2.729 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031077.D
Acq: 11 Apr 2019 18:31

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MSVOA_U
ClientSampleId :
DB735

Tot Ion: 43 Resp: 14319
Ion Ratio Lower Upper
43 100
58 0.0 41.9 62.9#
57 0.0 14.3 21.5#
100 5.9 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.726 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031077.D
Acq: 11 Apr 2019 18:31

Tgt Ion: 75 Resp: 23670
Ion Ratio Lower Upper
75 100
77 38.9 26.1 39.1

