

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031043.D
 Acq On : 11 Apr 2019 05:00
 Operator : JC/SP
 Sample : K2341-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB721

Quant Time: Apr 11 08:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	490161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	494103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212529	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	219055	50.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.12%
7) Chloroethane-d5	1.68	69	177884	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.12%
11) 1,1-Dichloroethene-d2	2.27	63	317558	40.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.26%
21) 2-Butanone-d5	4.17	46	372083	107.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.29%
24) Chloroform-d	4.64	84	349153	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	5.30	65	249811	54.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.54%
32) Benzene-d6	5.33	84	731964	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
36) 1,2-Dichloropropane-d6	6.32	67	251777	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.86%
41) Toluene-d8	7.56	98	653939	51.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.30%
43) trans-1,3-Dichloropropene-	7.85	79	106090	47.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.14%
47) 2-Hexanone-d5	8.31	63	224944	99.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	340679	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	233333	55.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.66%

Target Compounds

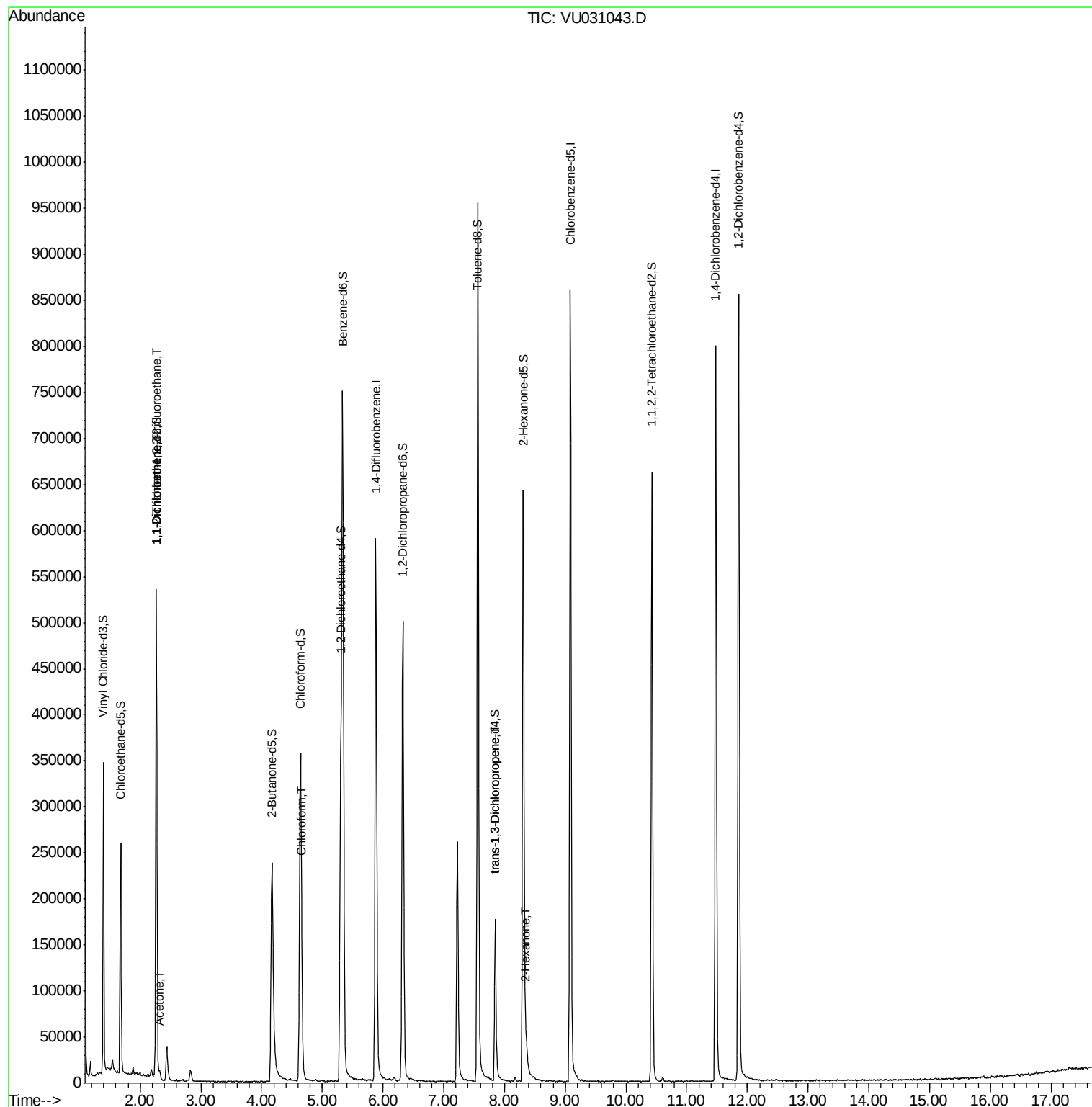
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3119	0.889 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2412	0.712 ug/L #	1
13) Acetone	2.32	43	7221	2.035 ug/L	96
25) Chloroform	4.67	83	17442	2.337 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	4221	0.735 ug/L	84
48) 2-Hexanone	8.36	43	11169	1.944 ug/L #	67

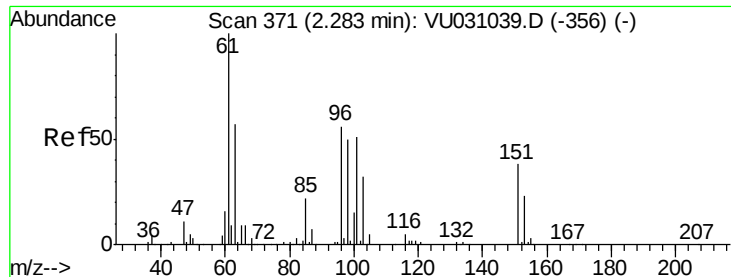
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 08:09:01 2019
Response via : Initial Calibration





#10

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

Concen: 0.889 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031043.D

Acq: 11 Apr 2019 05:00

Instrument :

MSVOA_U

ClientSampled :

DB721

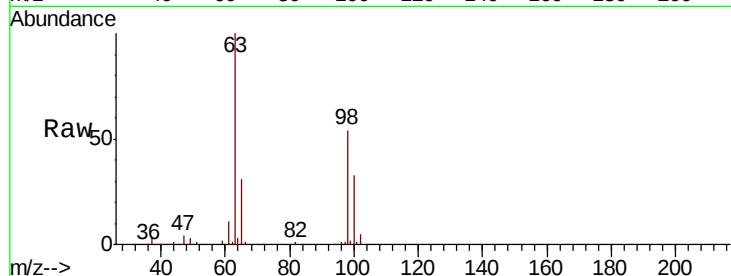
Tot Ion:101 Resp: 3119

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

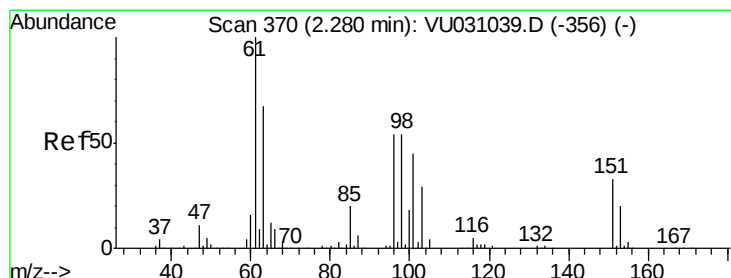
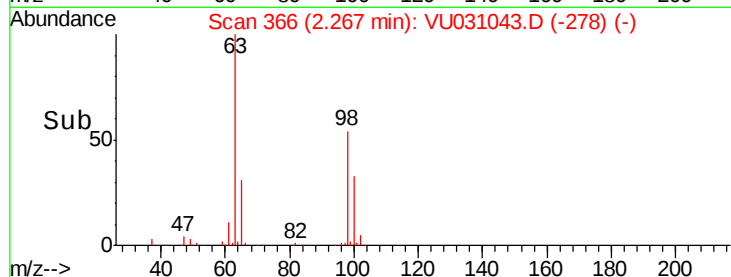
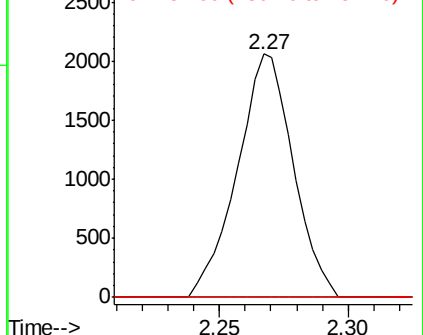
151 0.0 57.4 86.0#



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



#12

1,1-Dichloroethene

Concen: 0.712 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031043.D

Acq: 11 Apr 2019 05:00

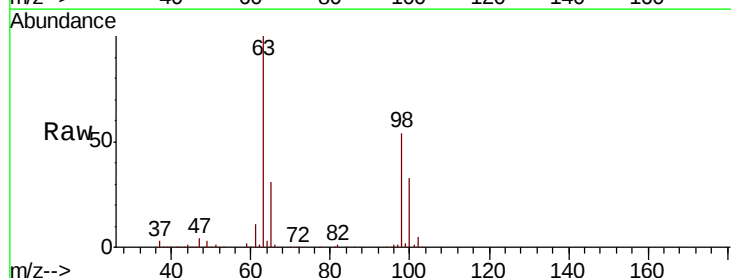
Tgt Ion: 96 Resp: 2412

Ion Ratio Lower Upper

96 100

61 1604.4 132.0 245.2#

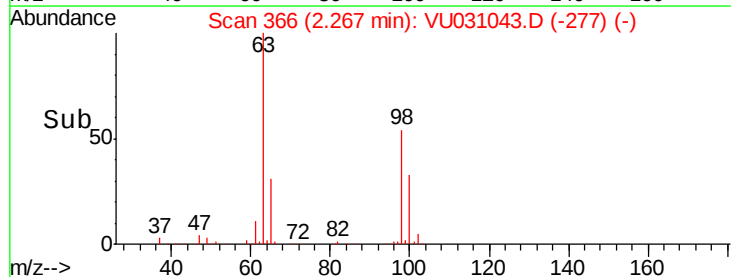
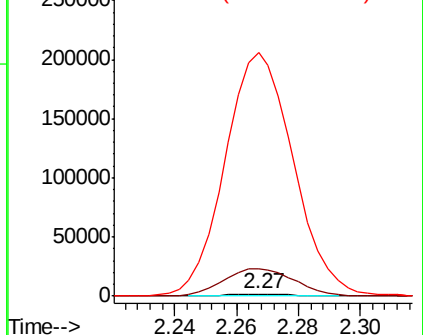
63 14078.2 90.9 168.9#

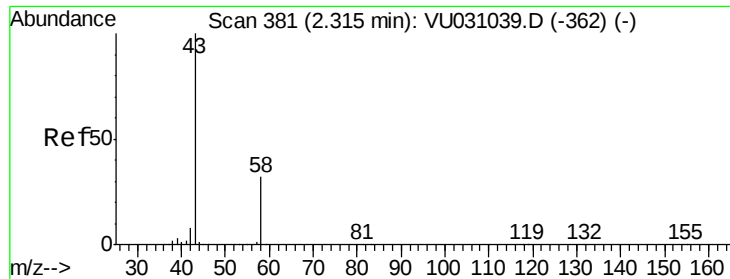


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.035 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031043.D

Acq: 11 Apr 2019 05:00

Instrument :

MSVOA_U

ClientSampleId :

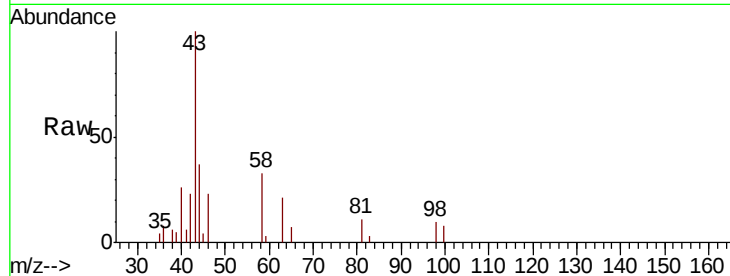
DB721

Tot Ion: 43 Resp: 7221

Ion Ratio Lower Upper

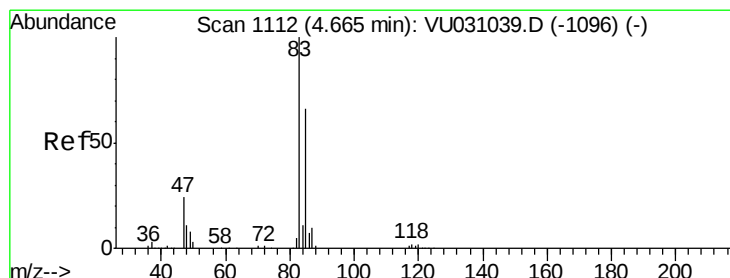
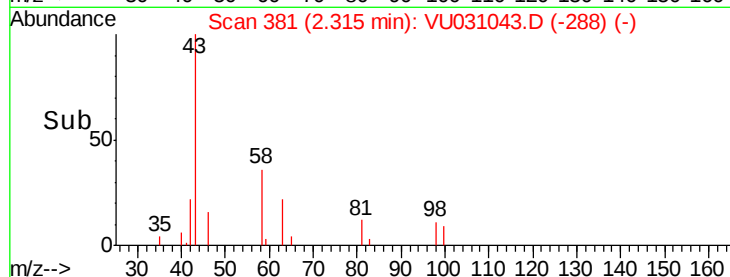
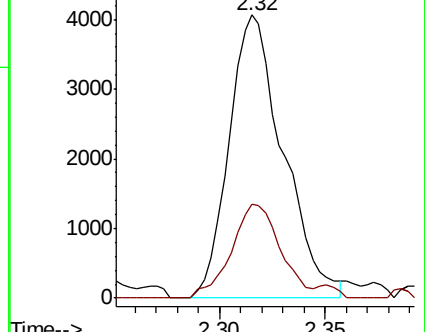
43 100

58 30.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031039.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031039.D (-362) (-)



#25

Chloroform

Concen: 2.337 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031043.D

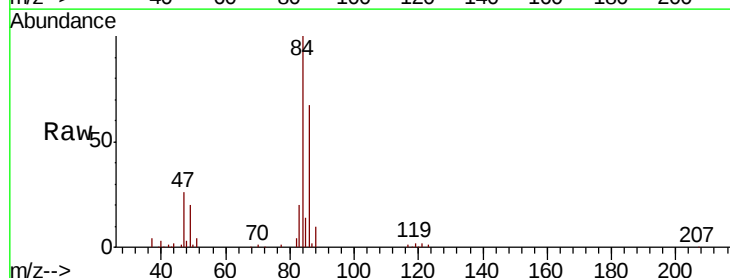
Acq: 11 Apr 2019 05:00

Tgt Ion: 83 Resp: 17442

Ion Ratio Lower Upper

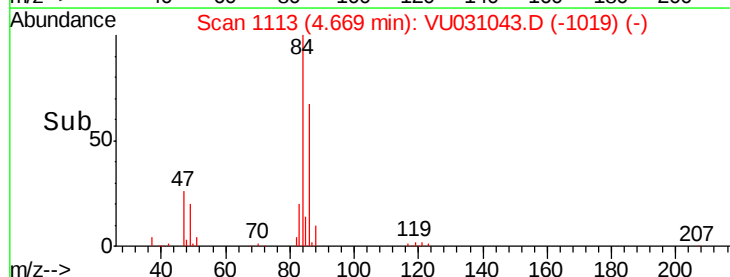
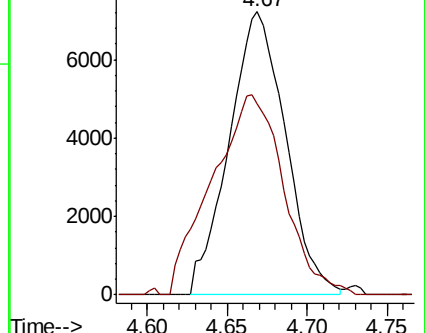
83 100

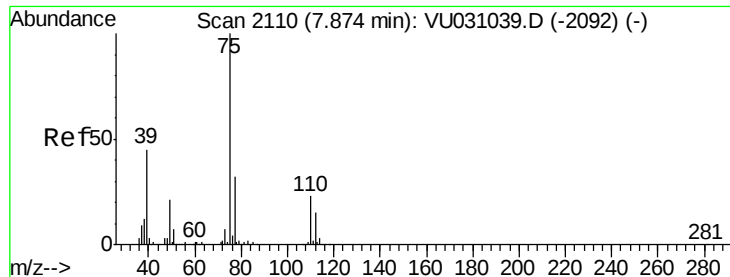
85 67.7 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031039.D (-1096) (-)

Ion 85.00 (84.70 to 85.70): VU031039.D (-1096) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.735 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031043.D

Acq: 11 Apr 2019 05:00

Instrument :

MSVOA_U

ClientSampleId :

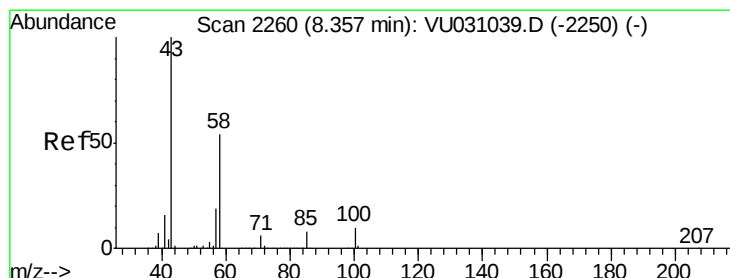
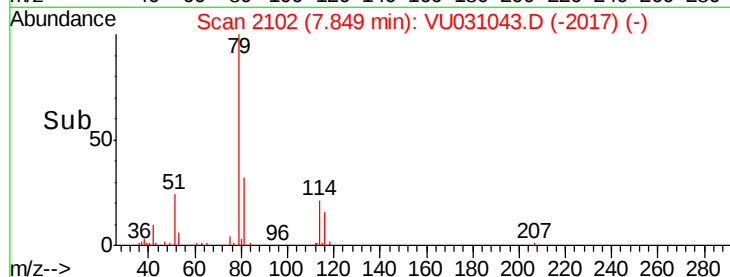
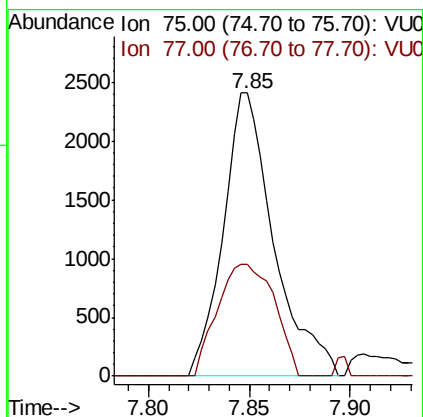
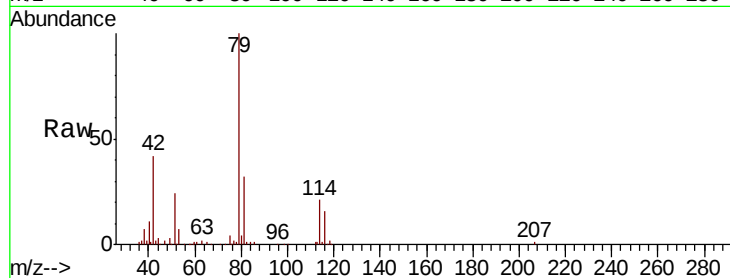
DB721

Tot Ion: 75 Resp: 4221

Ion Ratio Lower Upper

75 100

77 39.3 21.6 40.0



#48

2-Hexanone

Concen: 1.944 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU031043.D

Acq: 11 Apr 2019 05:00

Tgt Ion: 43 Resp: 11169

Ion Ratio Lower Upper

43 100

58 24.8 41.9 62.9#

57 27.7 14.3 21.5#

100 3.3 7.1 10.7#

