

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035106.D
 Acq On : 11 Oct 2019 21:59
 Operator : JC/SP
 Sample : K5310-12DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-21D-001-01DL

Quant Time: Oct 12 04:32:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	173068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62340	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53829	5.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.60%
7) Chloroethane-d5	1.68	69	51246	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.26	63	80765	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.17	46	152807	52.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.68%
24) Chloroform-d	4.62	84	98829	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.29	65	57276	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.32	84	200171	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.31	67	70354	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.55	98	169698	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.84	79	20816	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.30	63	112978	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55796	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	57162	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

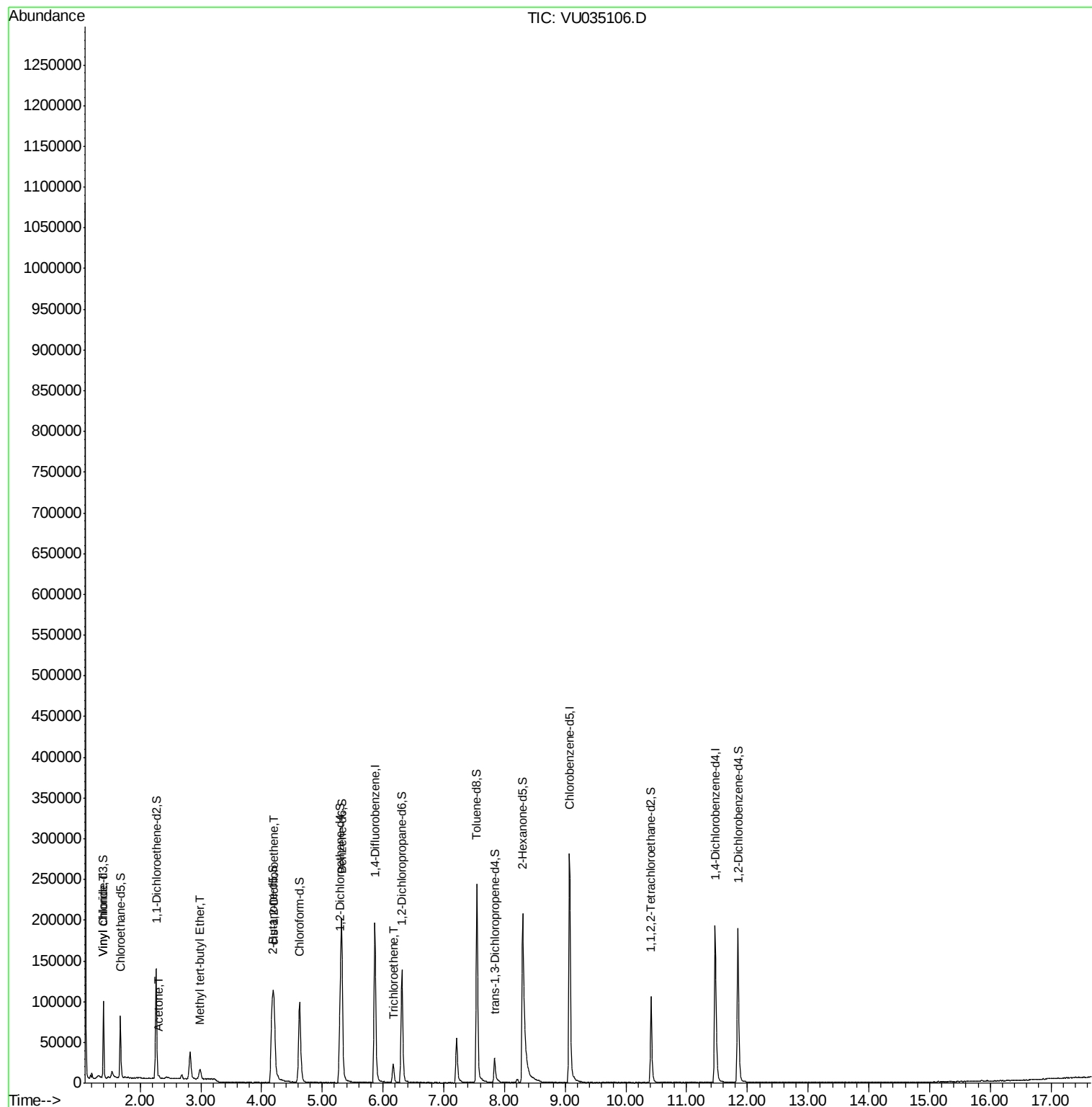
					Ovalue
5) Vinyl chloride	1.40	62	9165	0.560 ug/L #	66
13) Acetone	2.32	43	2407	1.016 ug/L	79
17) Methyl tert-butyl Ether	2.99	73	10478	0.360 ug/L #	87
22) cis-1,2-Dichloroethene	4.20	96	43639	3.424 ug/L	87
34) Trichloroethene	6.17	95	8352	0.621 ug/L	94

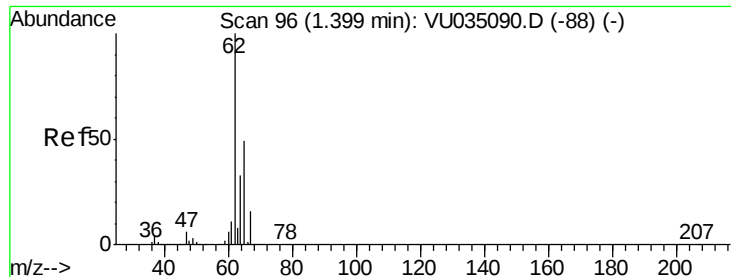
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.560 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

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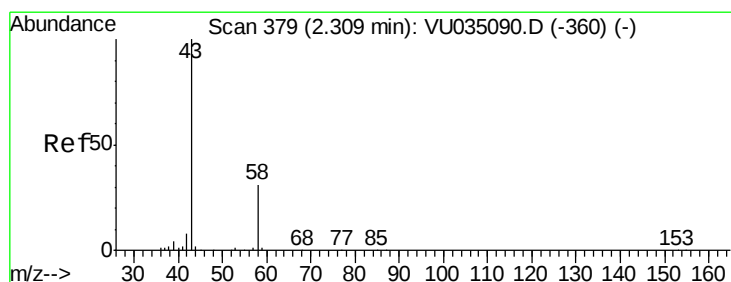
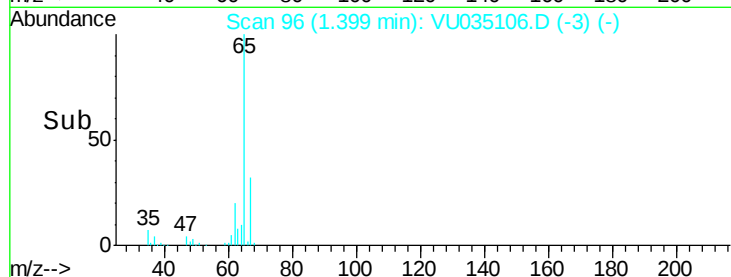
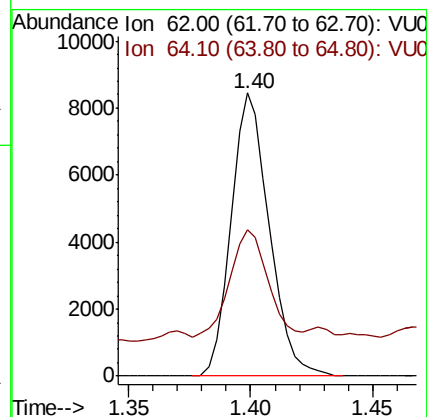
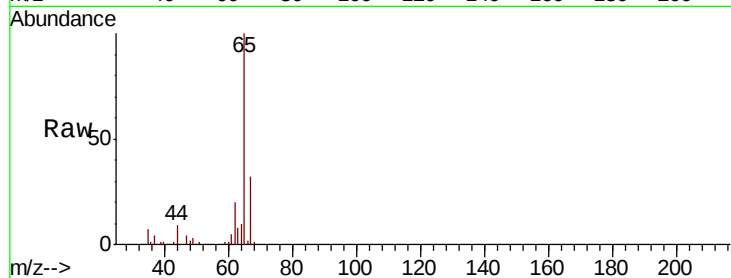
MW-21D-001-01DL

Tot Ion: 62 Resp: 9165

Ion Ratio Lower Upper

62 100

64 51.8 22.8 42.4#



#13

Acetone

Concen: 1.016 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU035106.D

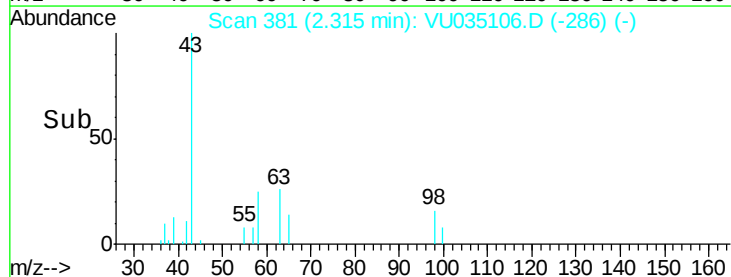
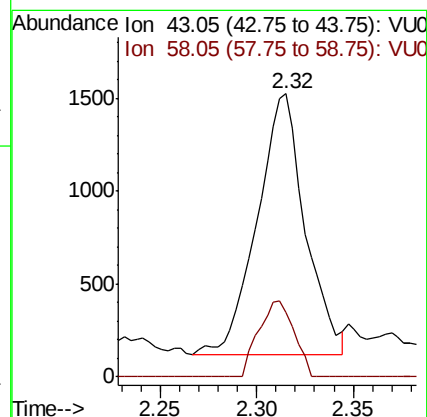
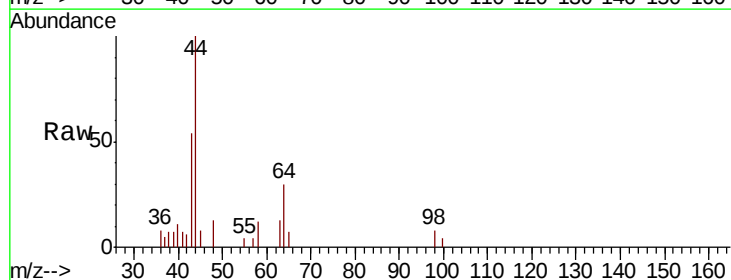
Acq: 11 Oct 2019 21:59

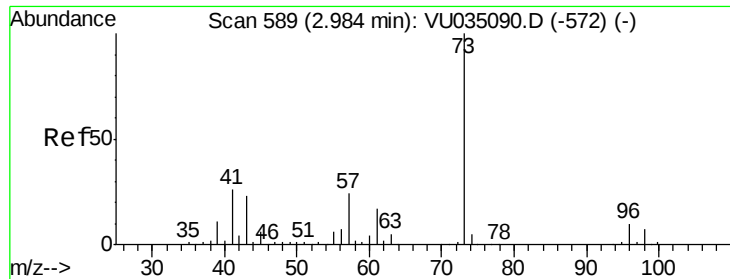
Tgt Ion: 43 Resp: 2407

Ion Ratio Lower Upper

43 100

58 21.5 0.0 66.6

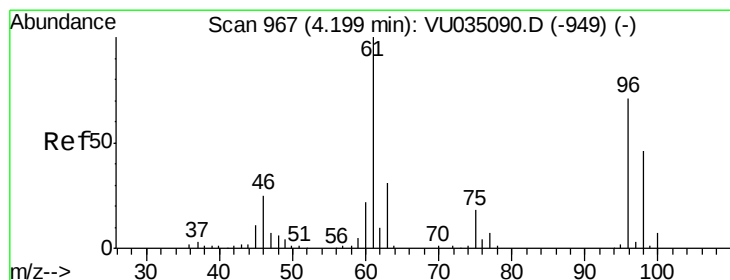
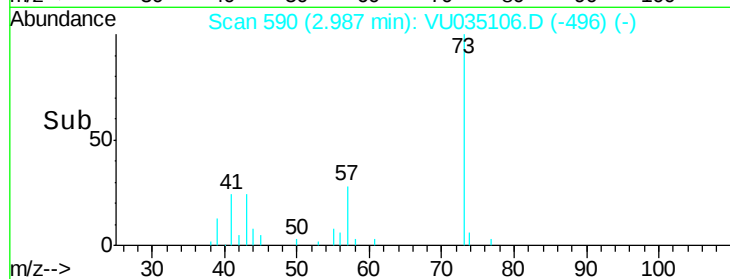
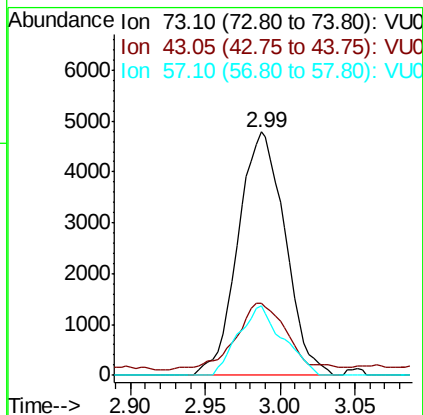
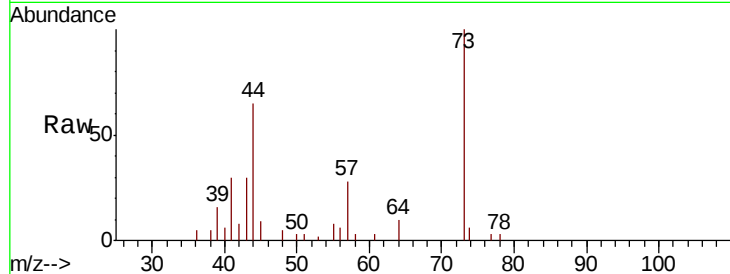




#17
Methvl tert-butvl Ether
Concen: 0.360 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU035106.D
Acq: 11 Oct 2019 21:59

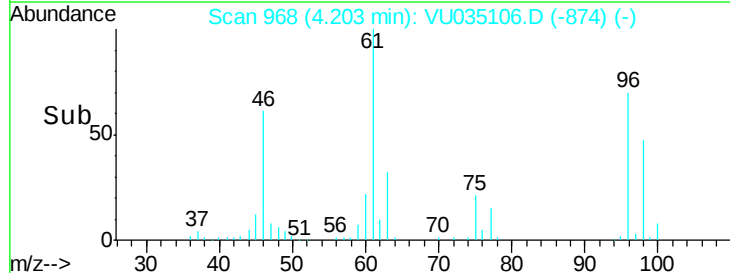
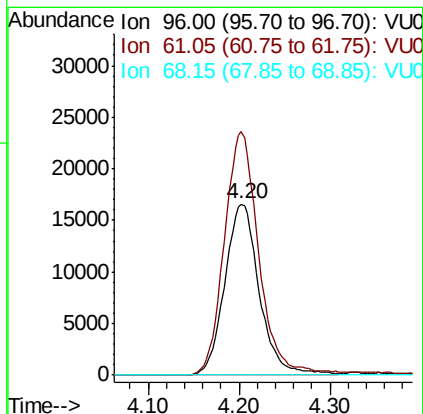
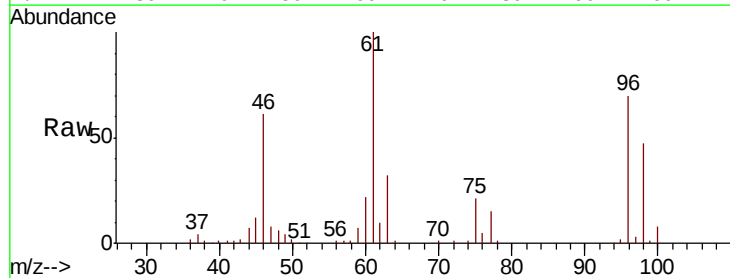
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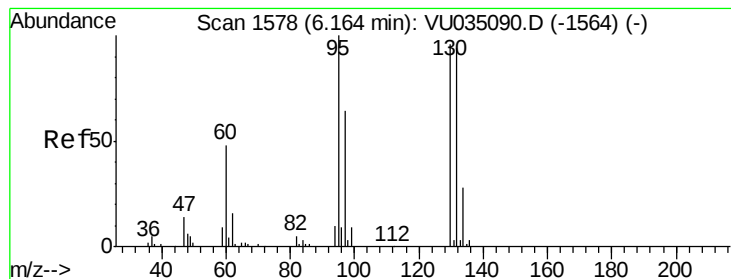
Tot Ion: 73 Resp: 10478
Ion Ratio Lower Upper
73 100
43 28.8 16.3 24.5#
57 27.0 18.6 28.0



#22
cis-1,2-Dichloroethene
Concen: 3.424 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035106.D
Acq: 11 Oct 2019 21:59

Tgt Ion: 96 Resp: 43639
Ion Ratio Lower Upper
96 100
61 142.6 89.2 165.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.621 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035106.D

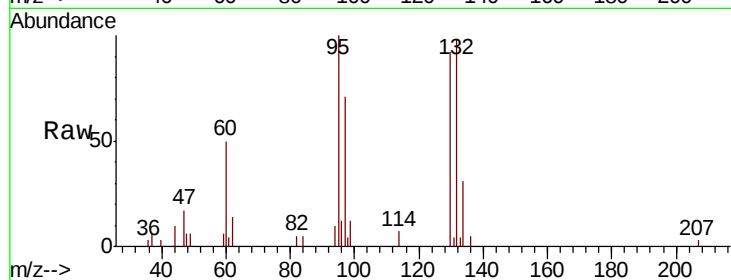
Acq: 11 Oct 2019 21:59

Instrument :

MSVOA_U

ClientSampleId :

MW-21D-001-01DL



Tot Ion: 95 Resp: 8352

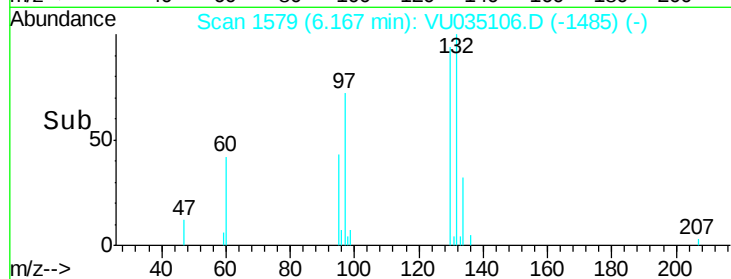
Ion Ratio Lower Upper

95 100

97 71.0 44.5 82.7

132 97.9 66.6 123.8

130 92.3 68.9 127.9



Time-->