

Data File : VU036059.D
Acq On : 09 Dec 2019 20:07
Operator : JC/MD
Sample : K6167-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQT5

Quant Time: Dec 10 01:52:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	205902	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219862	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77581	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100693	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.93	69	130231	6.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	135.20%#
11) 1,1-Dichloroethene-d2	2.59	63	107123	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.70	46	226252	72.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.70%#
24) Chloroform-d	5.11	84	171959	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.75	65	98081	6.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.20%
32) Benzene-d6	5.77	84	329262	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.40%
36) 1,2-Dichloropropane-d6	6.73	67	103906	6.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.80%
41) Toluene-d8	7.93	98	253630	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.22	79	31314	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.68	63	174662	69.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.02%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102375	6.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.60%#
64) 1,2-Dichlorobenzene-d4	12.22	152	93685	6.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.60%#

Target Compounds

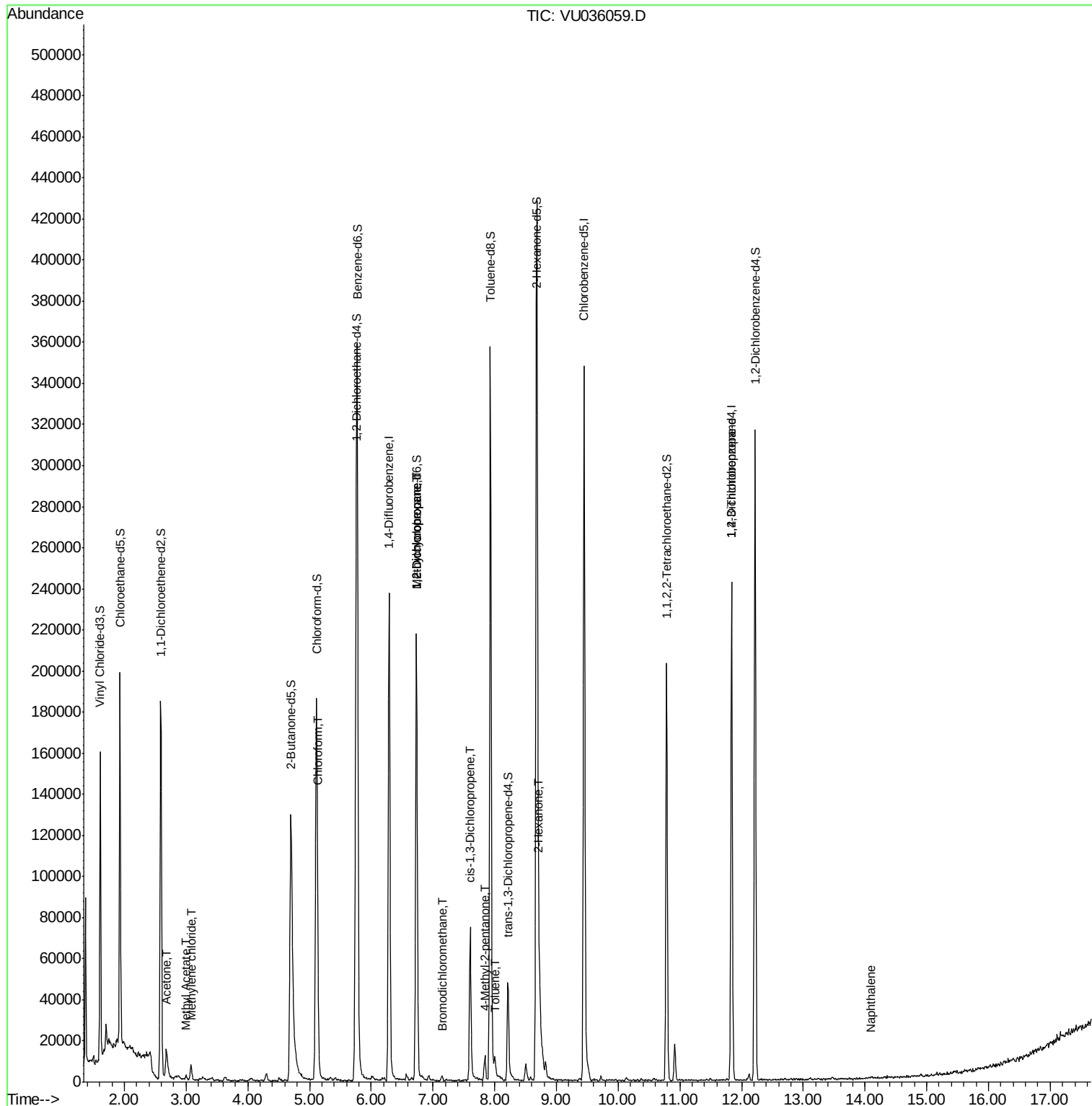
					Qvalue
13) Acetone	2.68	43	21007	5.292	ug/L 100
15) Methyl Acetate	3.00	43	2508	0.428	ug/L 97
16) Methylene chloride	3.08	84	3438	0.165	ug/L 86
25) Chloroform	5.14	83	21996	0.719	ug/L 84
35) Methylcyclohexane	6.73	83	26512	1.239	ug/L # 18
37) 1,2-Dichloropropane	6.73	63	11738	0.779	ug/L # 85
38) Bromodichloromethane	7.15	83	1449	0.072	ug/L # 90
39) cis-1,3-Dichloropropene	7.60	75	2212	0.108	ug/L # 65
40) 4-Methyl-2-pentanone	7.84	43	8482	1.077	ug/L # 86
42) Toluene	8.00	91	5883	0.091	ug/L 92
48) 2-Hexanone	8.72	43	8695	1.539	ug/L # 37
59) 1,2,3-Trichloropropane	11.84	75	7742	0.719	ug/L # 86
69) Naphthalene	14.10	128	1033	0.118	ug/L # 80

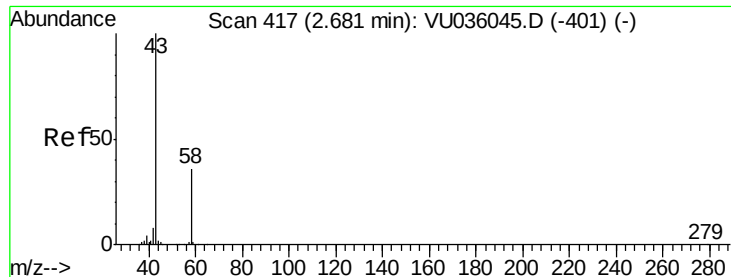
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.292 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036059.D

Acq: 09 Dec 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

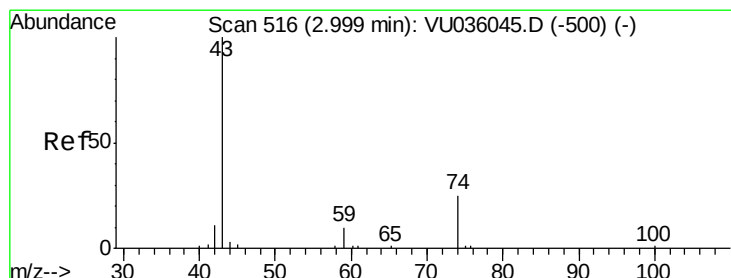
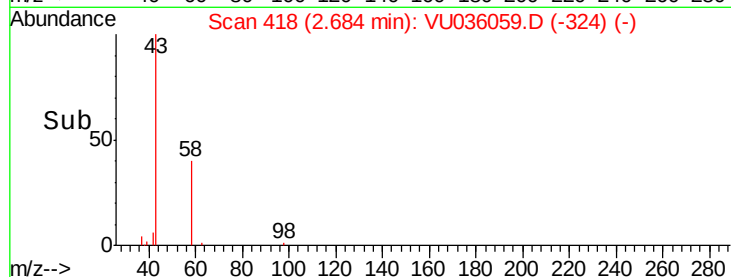
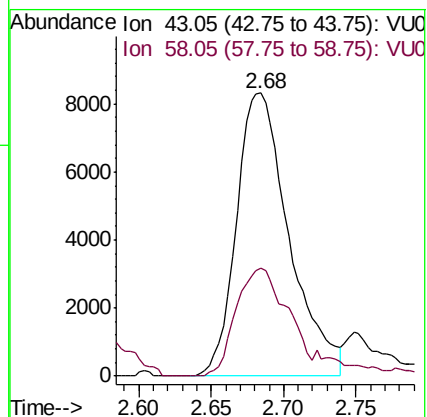
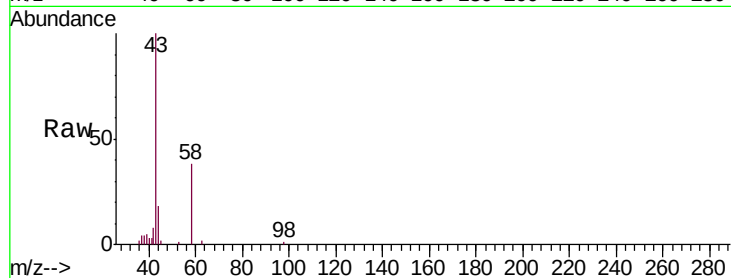
BFQT5

Tgt Ion: 43 Resp: 21007

Ion Ratio Lower Upper

43 100

58 37.3 0.0 74.2



#15

Methyl Acetate

Concen: 0.428 ug/L

RT: 3.00 min Scan# 516

Delta R.T. -0.00 min

Lab File: VU036059.D

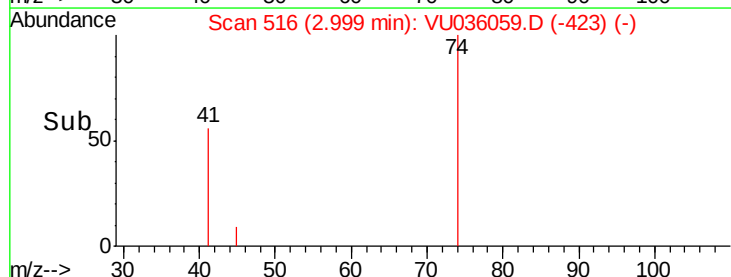
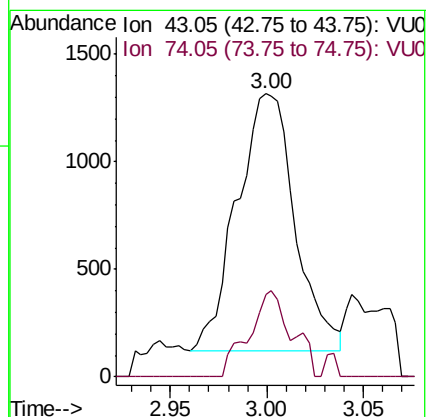
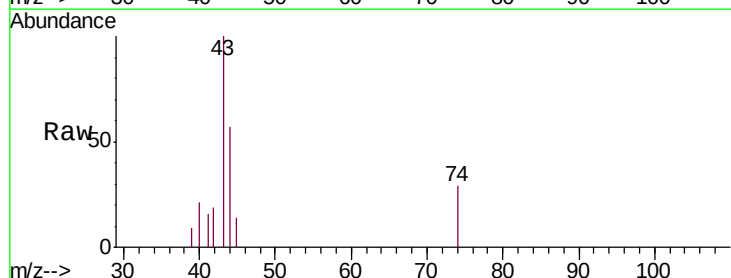
Acq: 09 Dec 2019 20:07

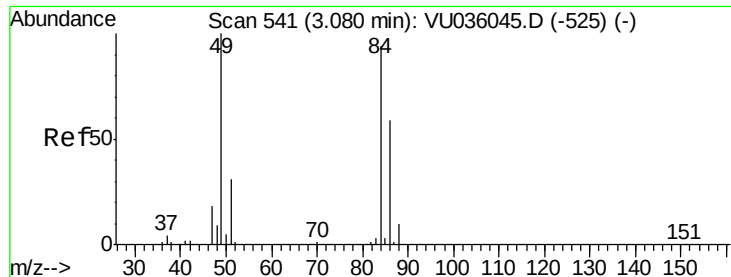
Tgt Ion: 43 Resp: 2508

Ion Ratio Lower Upper

43 100

74 24.5 21.0 31.4

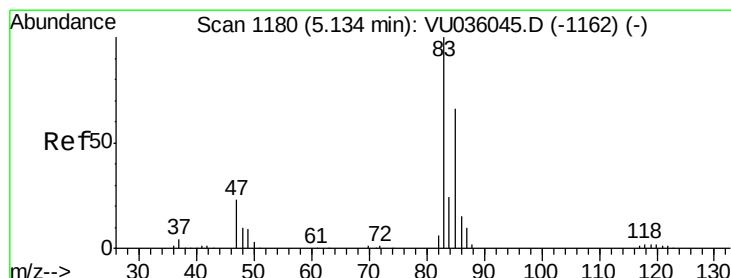
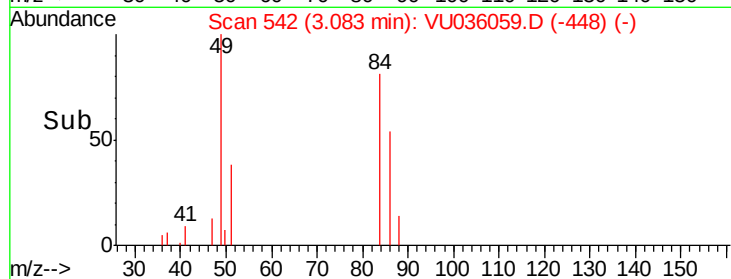
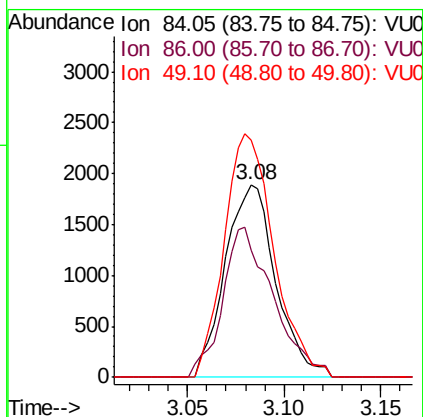
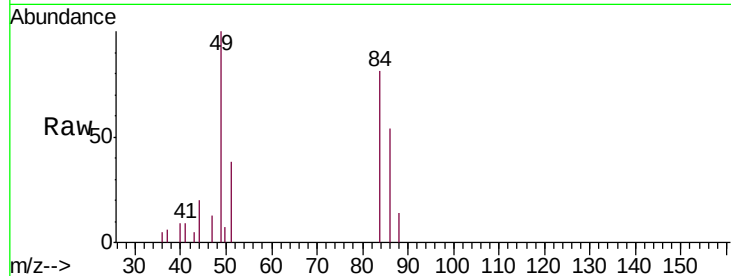




#16
Methylene chloride
Concen: 0.165 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036059.D
Acq: 09 Dec 2019 20:07

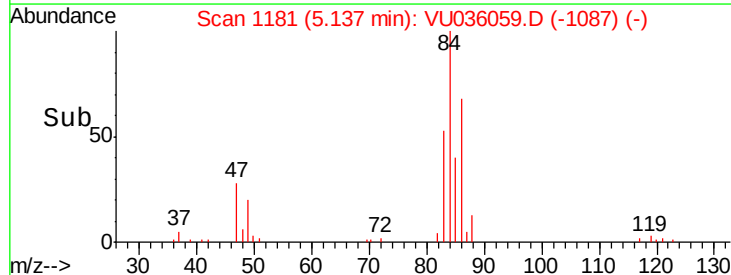
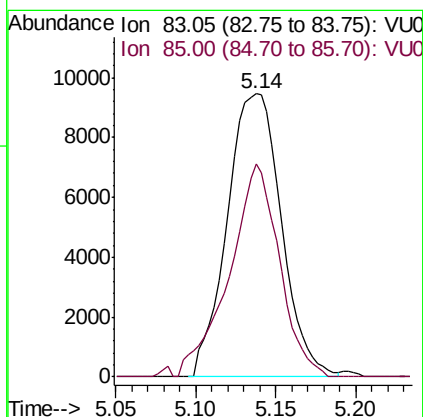
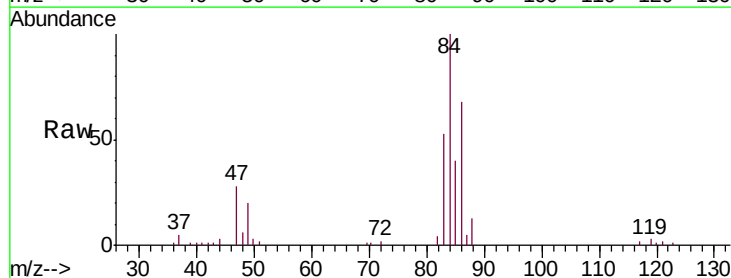
Instrument :
MSVOA_U
ClientSampleId :
BFQT5

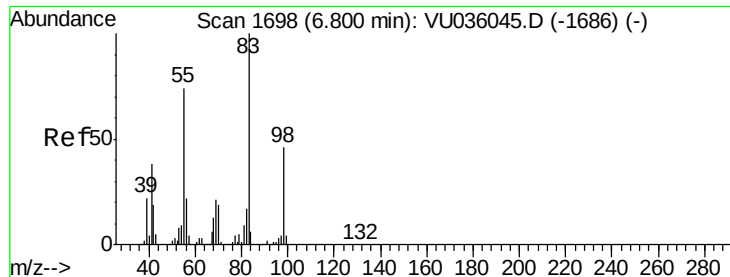
Tgt Ion: 84 Resp: 3438
Ion Ratio Lower Upper
84 100
86 66.1 47.5 88.3
49 131.7 76.9 142.9



#25
Chloroform
Concen: 0.719 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036059.D
Acq: 09 Dec 2019 20:07

Tgt Ion: 83 Resp: 21996
Ion Ratio Lower Upper
83 100
85 75.4 43.9 81.5

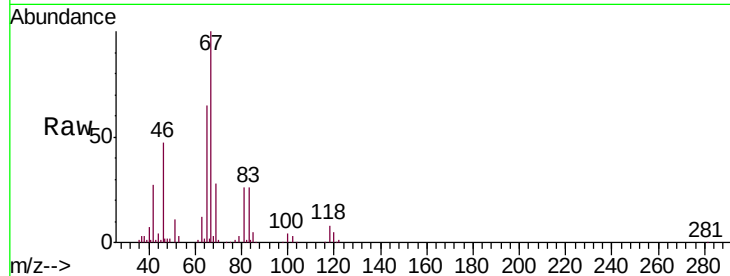




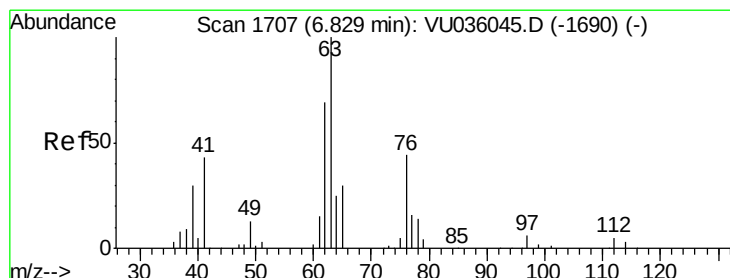
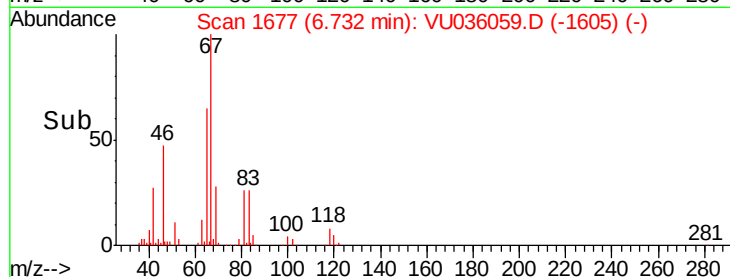
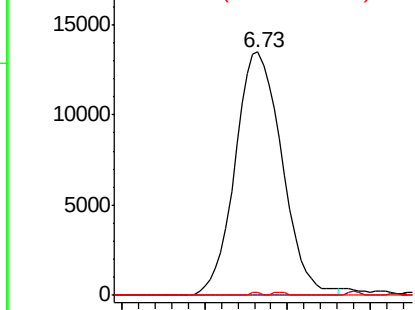
#35
Methylcyclohexane
Concen: 1.239 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036059.D
Acq: 09 Dec 2019 20:07

Instrument :
MSVOA_U
ClientSampleId :
BFQT5

Tgt Ion: 83 Resp: 26512
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 37.0 55.4#

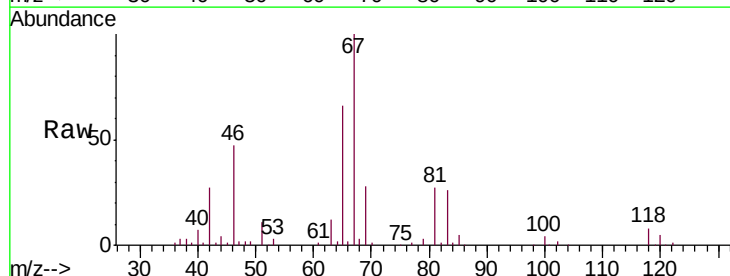


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

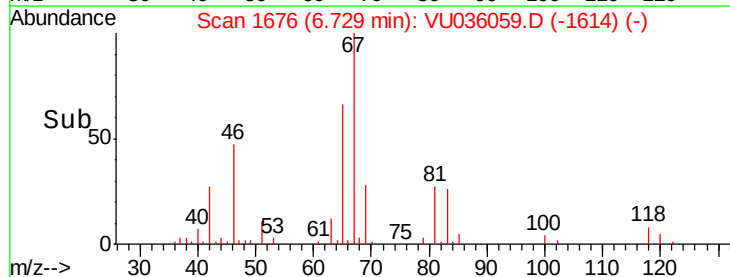
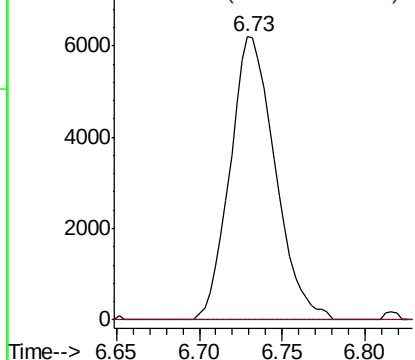


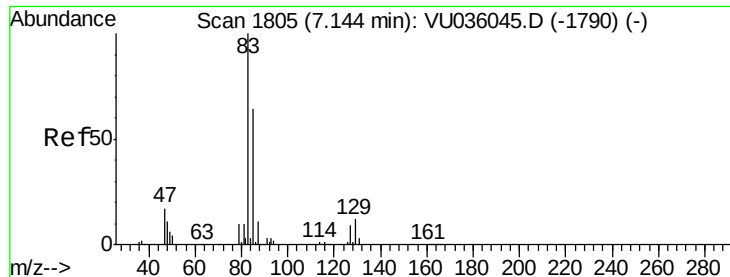
#37
1,2-Dichloropropane
Concen: 0.779 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036059.D
Acq: 09 Dec 2019 20:07

Tgt Ion: 63 Resp: 11738
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

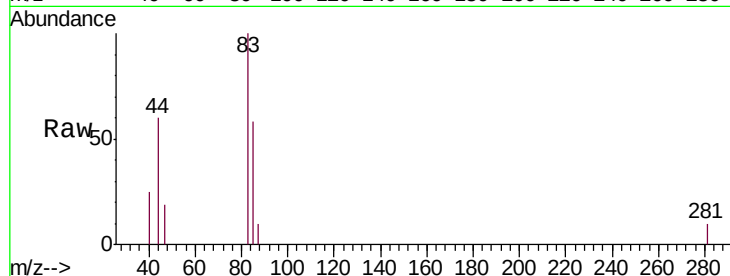




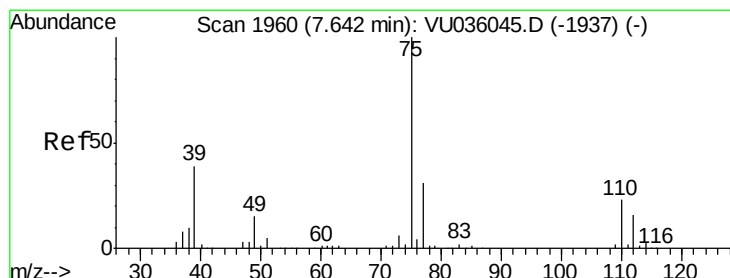
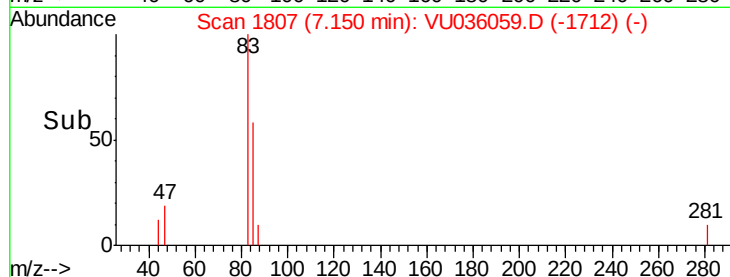
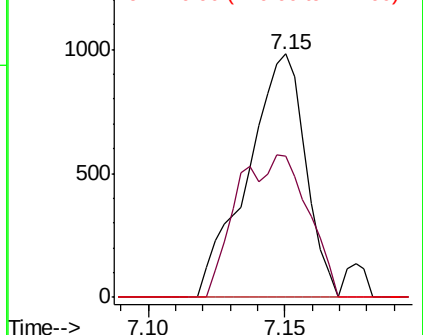
#38
 Bromodichloromethane
 Concen: 0.072 ug/L
 RT: 7.15 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: VU036059.D
 Acq: 09 Dec 2019 20:07

Instrument :
 MSVOA_U
 ClientSampled :
 BFQT5

Tgt Ion: 83 Resp: 1449
 Ion Ratio Lower Upper
 83 100
 85 58.2 45.2 84.0
 127 0.0 7.4 11.2#

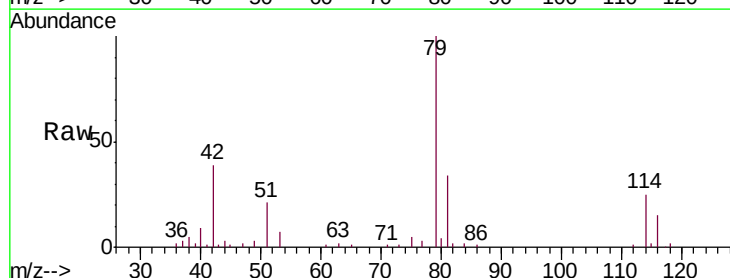


Abundance Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0
 Ion 126.90 (126.60 to 127.60): V

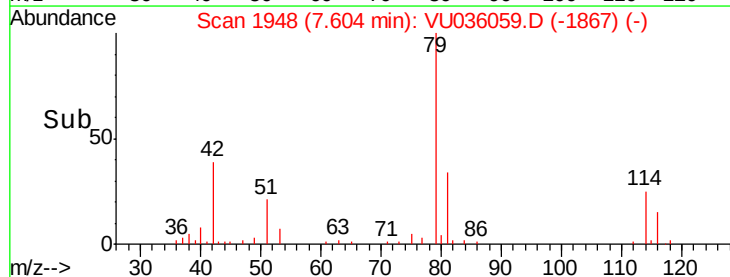
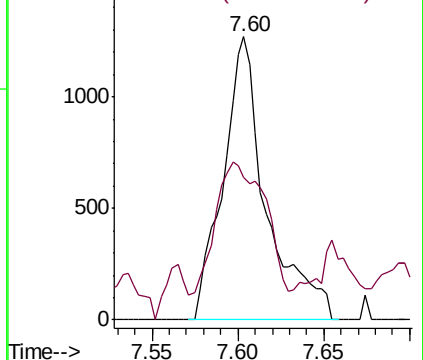


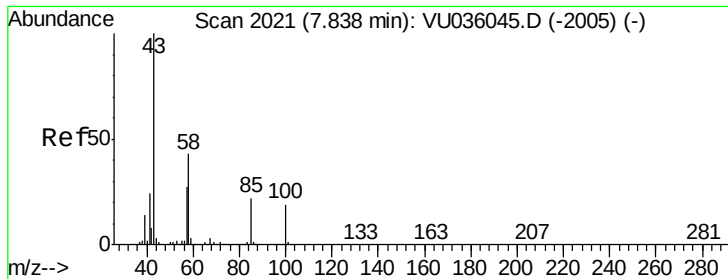
#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036059.D
 Acq: 09 Dec 2019 20:07

Tgt Ion: 75 Resp: 2212
 Ion Ratio Lower Upper
 75 100
 77 50.4 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

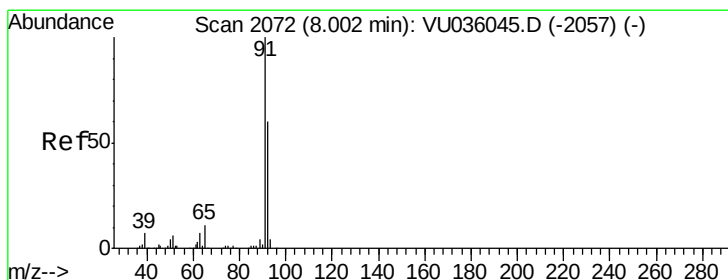
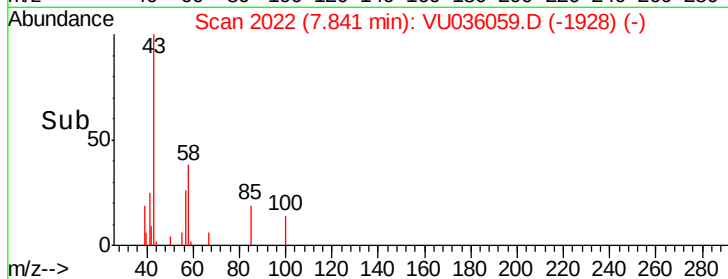
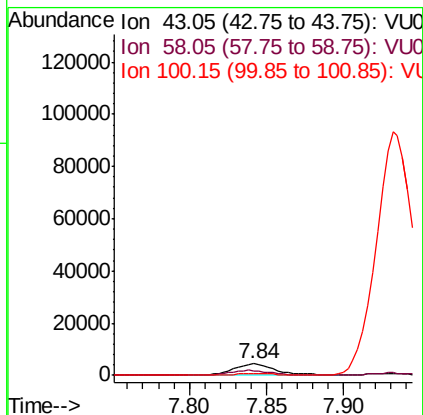
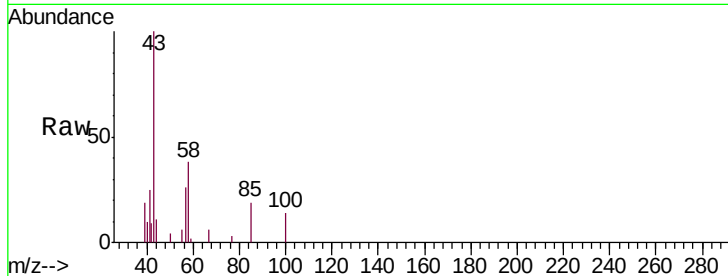




#40
4-Methyl-2-pentanone
Concen: 1.077 ug/L
RT: 7.84 min Scan# 2022
Delta R.T. 0.00 min
Lab File: VU036059.D
Acq: 09 Dec 2019 20:07

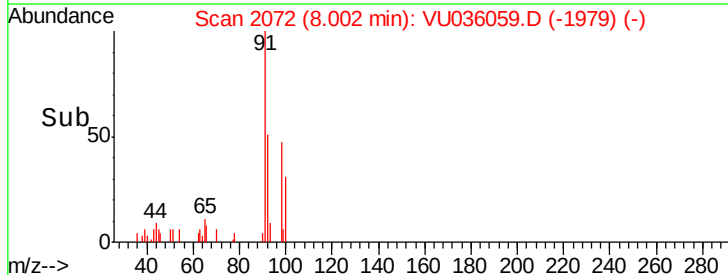
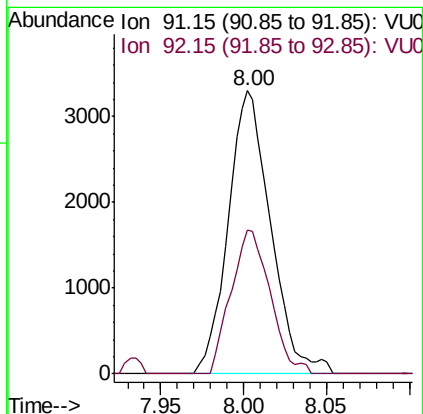
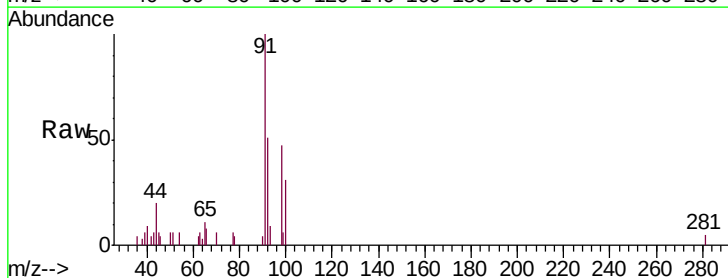
Instrument :
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ClientSampleId :
BFQT5

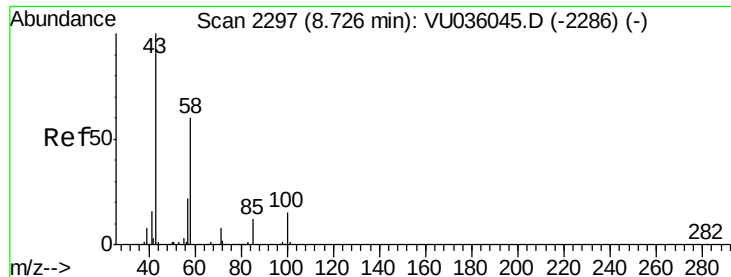
Tgt Ion: 43 Resp: 8482
Ion Ratio Lower Upper
43 100
58 41.0 34.5 51.7
100 0.0 14.3 21.5#



#42
Toluene
Concen: 0.091 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU036059.D
Acq: 09 Dec 2019 20:07

Tgt Ion: 91 Resp: 5883
Ion Ratio Lower Upper
91 100
92 51.0 40.0 74.4

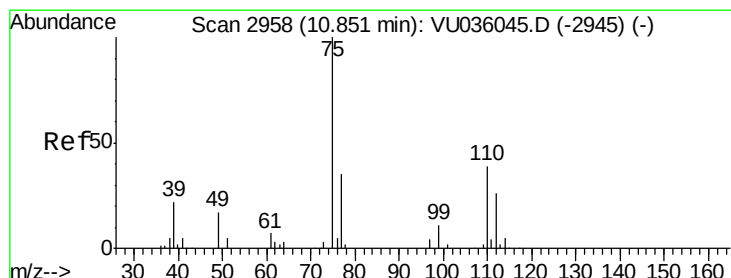
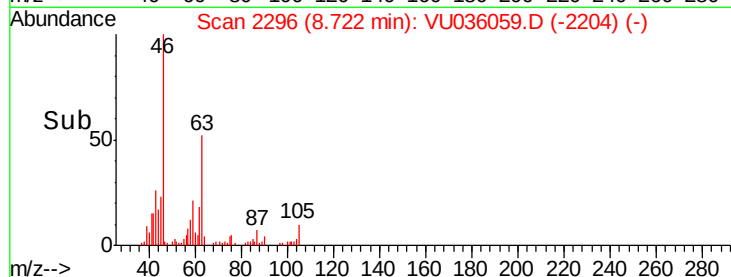
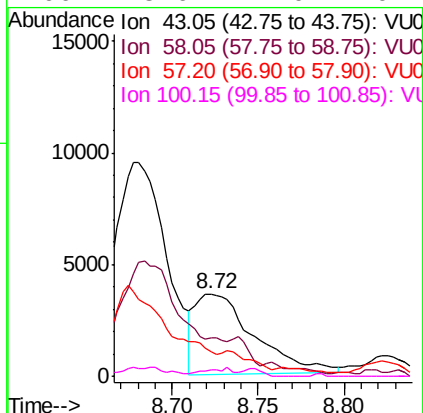
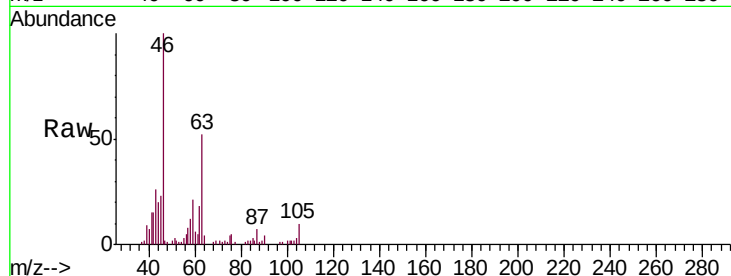




#48
 2-Hexanone
 Concen: 1.539 ug/L
 RT: 8.72 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU036059.D
 Acq: 09 Dec 2019 20:07

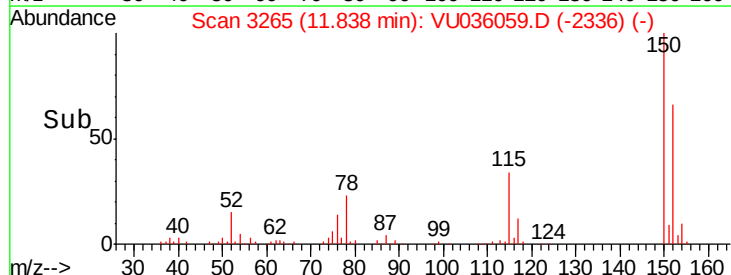
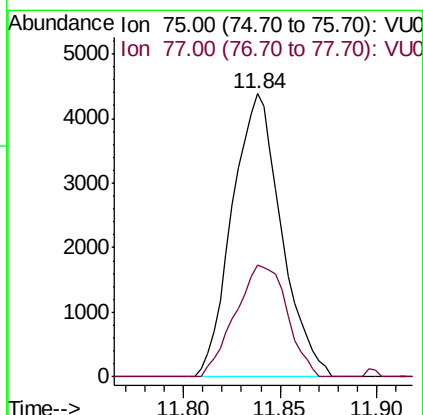
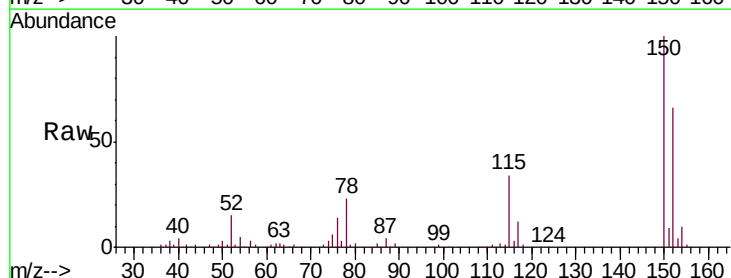
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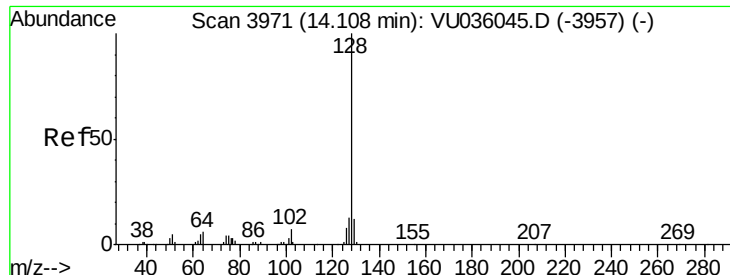
Tgt Ion:	43	Resp:	8695
Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.9	70.3#
57	0.0	16.4	24.6#
100	3.6	11.0	16.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.719 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036059.D
 Acq: 09 Dec 2019 20:07

Tgt Ion:	75	Resp:	7742
Ion	Ratio	Lower	Upper
75	100		
77	41.6	26.7	40.1#





#69

Naphthalene

Concen: 0.118 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036059.D

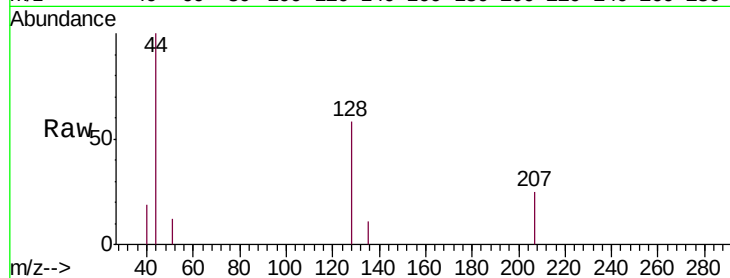
Acq: 09 Dec 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

BFQT5



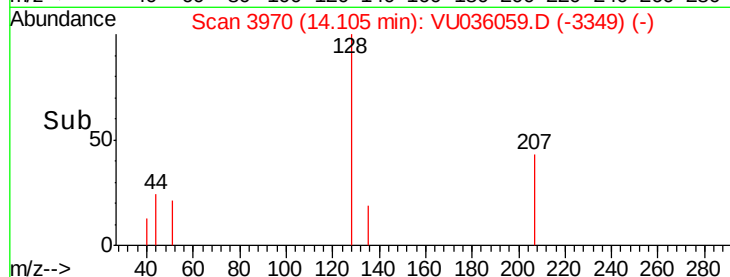
Tgt Ion:128 Resp: 1033

Ion Ratio Lower Upper

128 100

129 5.0 9.2 13.8#

127 4.9 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): V

800 Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

600

14.10

400

200

0

14.10

14.15

Time-->