

Data File : VU029729.D
Acq On : 28 Feb 2019 11:43
Operator : JC/SP
Sample : K1577-19RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK08

Quant Time: Mar 01 00:22:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	257176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	244186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	125614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73008	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.68	69	70941	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.27	63	114429	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.19	46	212181	55.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.76%
24) Chloroform-d	4.65	84	149926	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.31	65	81589	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.34	84	324784	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.33	67	99230	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.56	98	294996	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	37345	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.31	63	203796	55.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	82287	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	125230	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

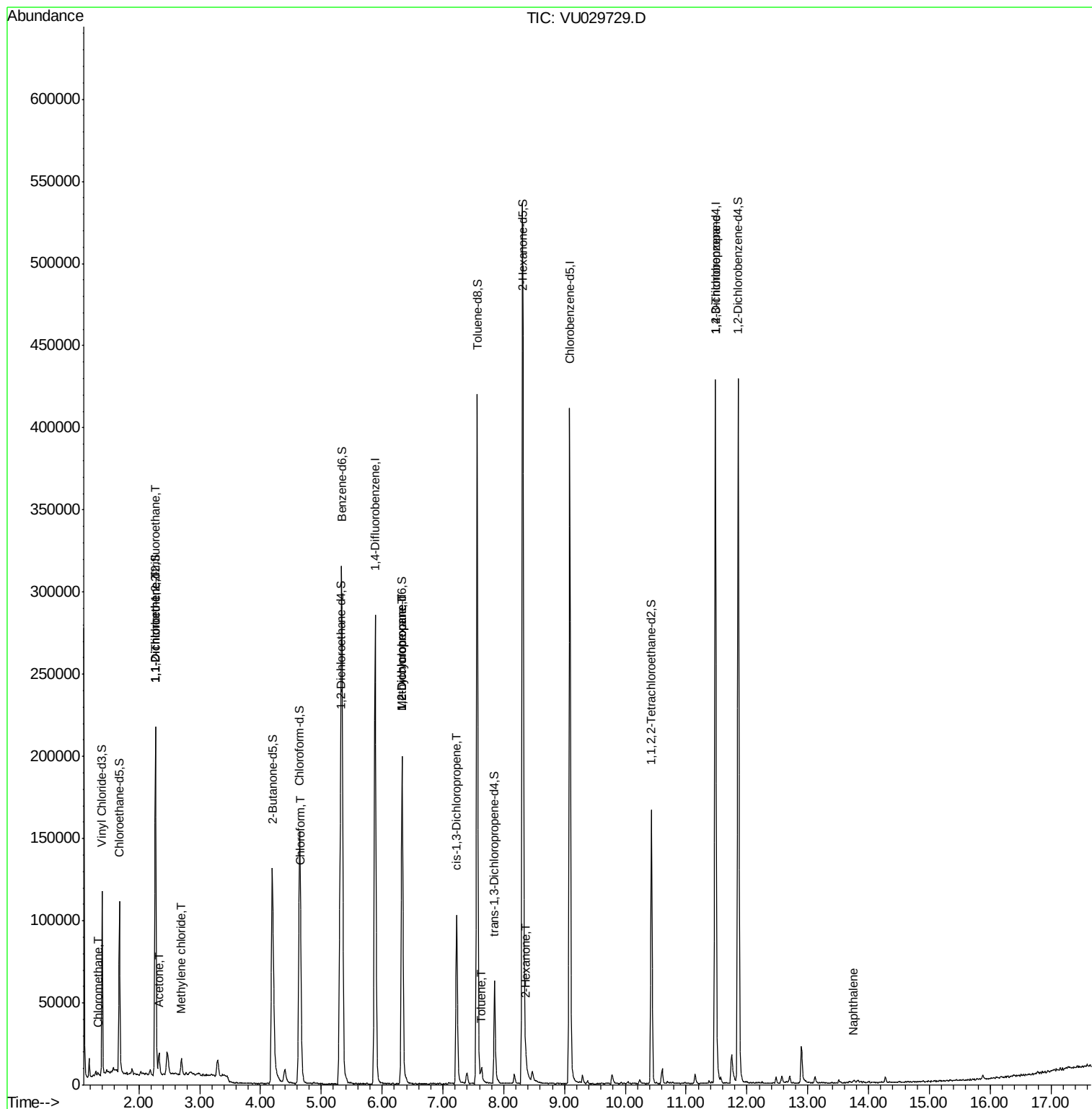
					Qvalue
3) Chloromethane	1.32	50	1441	0.083 ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1160	0.058 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1141	0.060 ug/L #	1
13) Acetone	2.33	43	13386	4.907 ug/L	97
16) Methylene chloride	2.69	84	4585	0.203 ug/L	91
25) Chloroform	4.67	83	7384	0.228 ug/L	93
35) Methylcyclohexane	6.33	83	23335	0.799 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	10507	0.646 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2353	0.099 ug/L #	50
42) Toluene	7.64	91	6804	0.093 ug/L	99
48) 2-Hexanone	8.37	43	2773	0.415 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	13248	1.220 ug/L	92
69) Naphthalene	13.76	128	1734	0.041 ug/L #	70

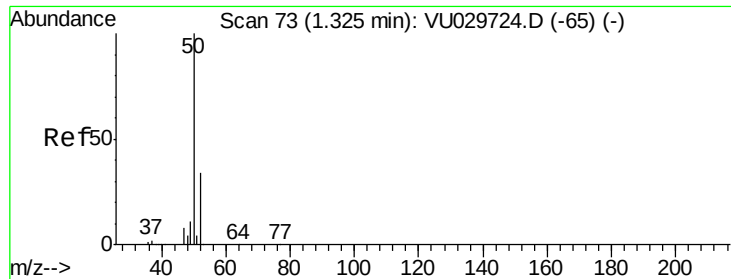
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.083 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU029729.D

Acq: 28 Feb 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

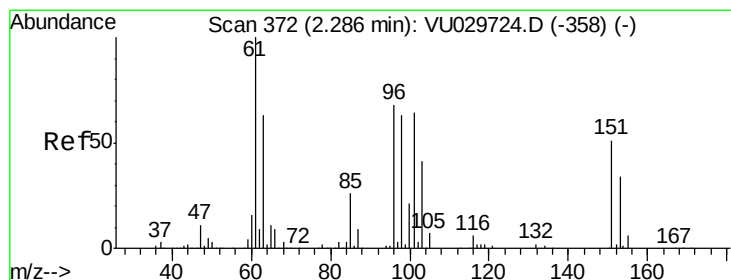
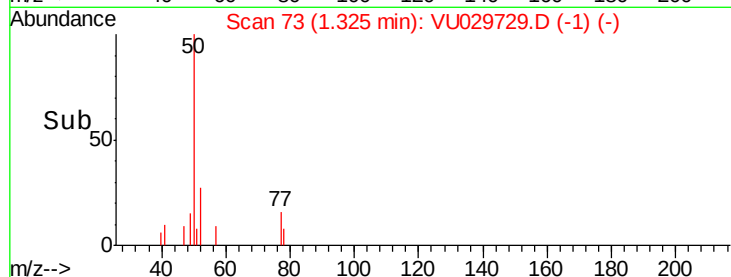
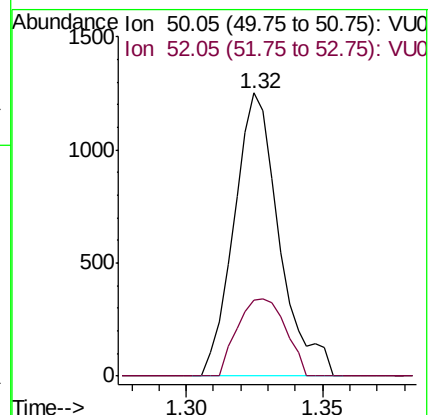
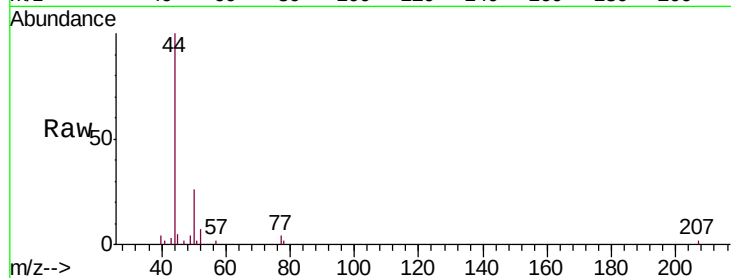
CWK08

Tgt Ion: 50 Resp: 1441

Ion Ratio Lower Upper

50 100

52 26.8 23.5 43.7



#10

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

Concen: 0.058 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029729.D

Acq: 28 Feb 2019 11:43

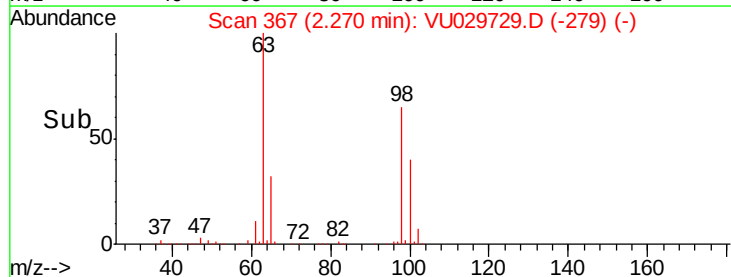
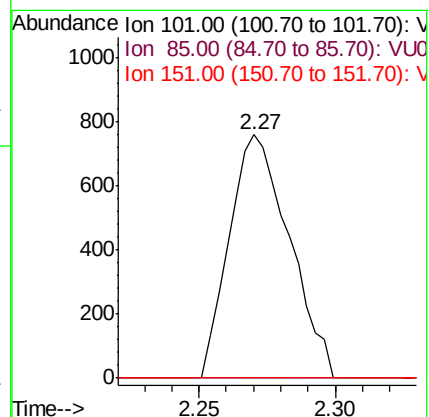
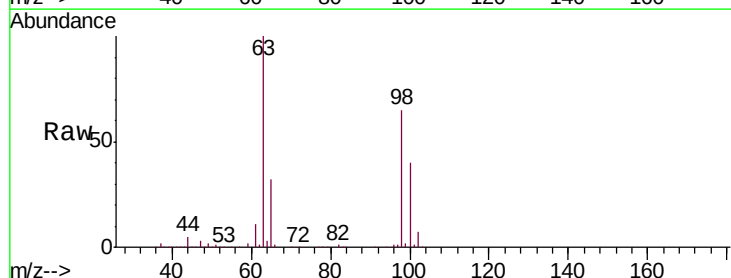
Tgt Ion: 101 Resp: 1160

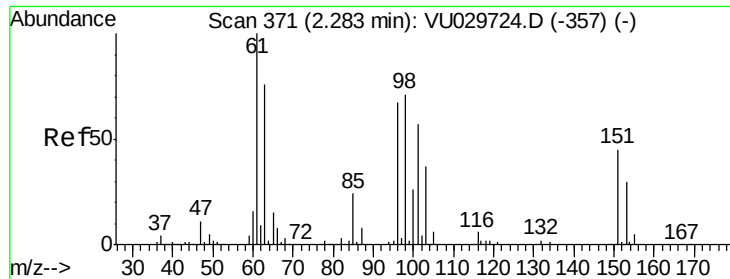
Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 65.9 98.9#

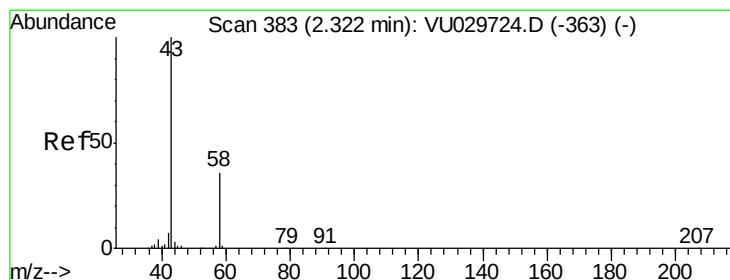
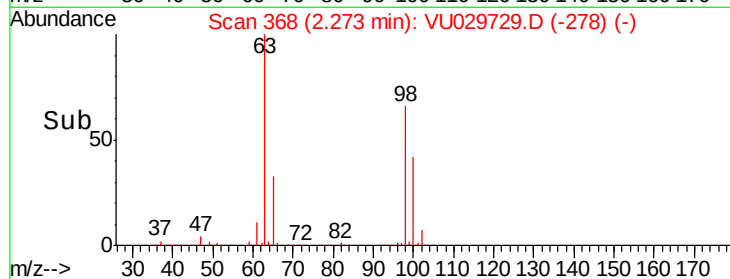
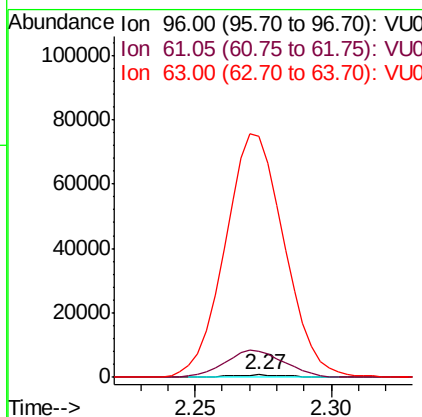
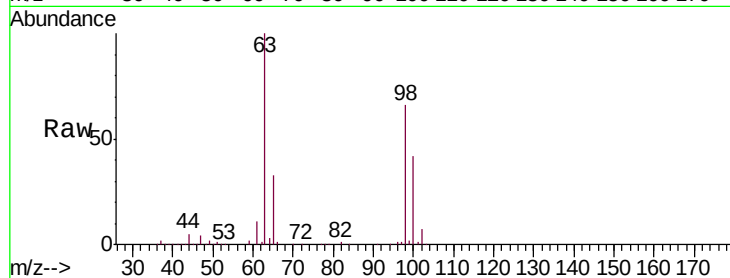




#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU029729.D
 Acq: 28 Feb 2019 11:43

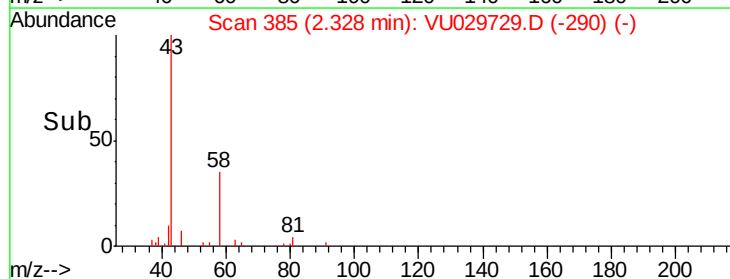
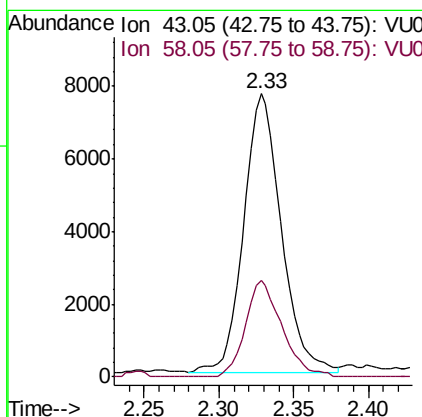
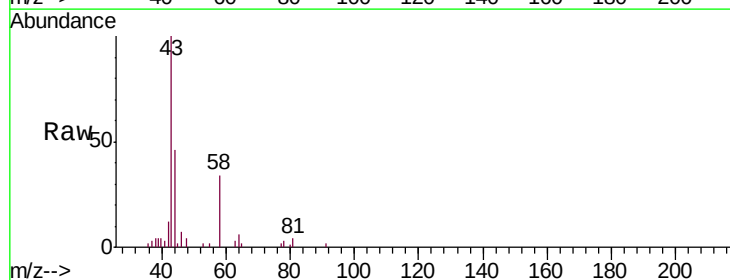
Instrument :
 MSVOA_U
 ClientSampleId :
 CWK08

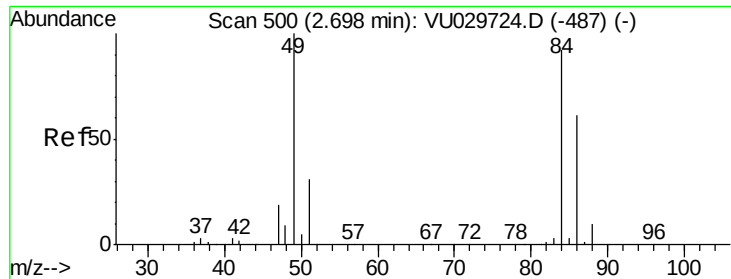
Tgt Ion: 96 Resp: 1141
 Ion Ratio Lower Upper
 96 100
 61 1021.8 111.3 206.7#
 63 9428.7 88.5 164.3#



#13
 Acetone
 Concen: 4.907 ug/L
 RT: 2.33 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: VU029729.D
 Acq: 28 Feb 2019 11:43

Tgt Ion: 43 Resp: 13386
 Ion Ratio Lower Upper
 43 100
 58 33.6 0.0 70.2

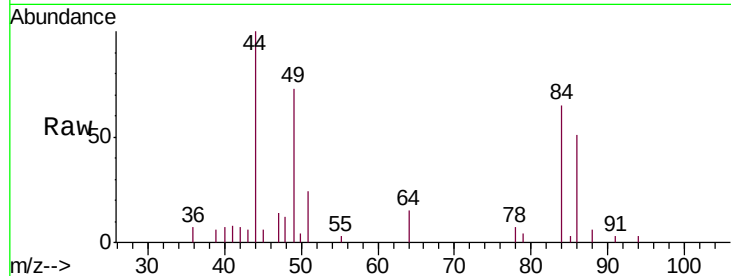




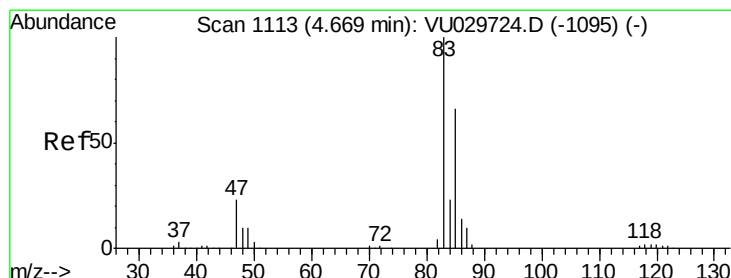
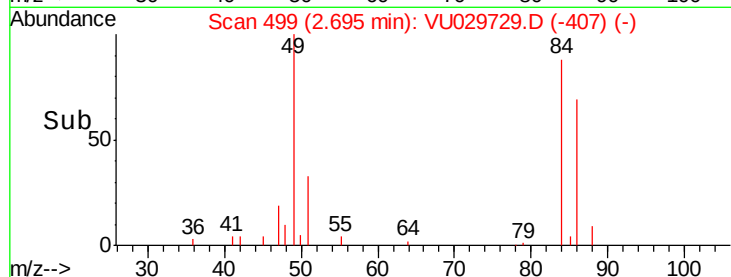
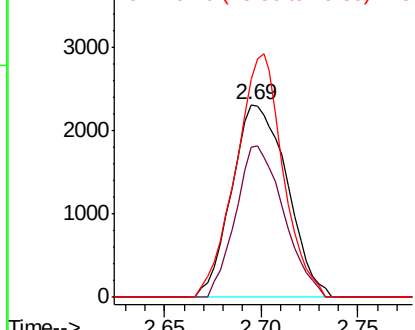
#16
Methylene chloride
Concen: 0.203 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU029729.D
Acq: 28 Feb 2019 11:43

Instrument :
MSVOA_U
ClientSampleId :
CWK08

Tgt Ion: 84 Resp: 4585
Ion Ratio Lower Upper
84 100
86 77.9 44.2 82.0
49 113.1 77.3 143.5

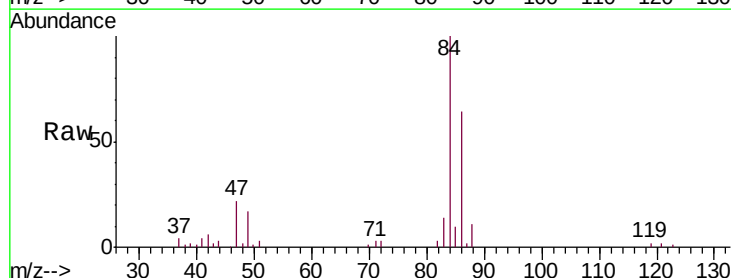


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

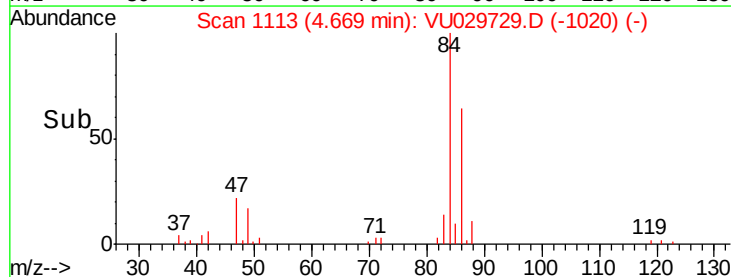
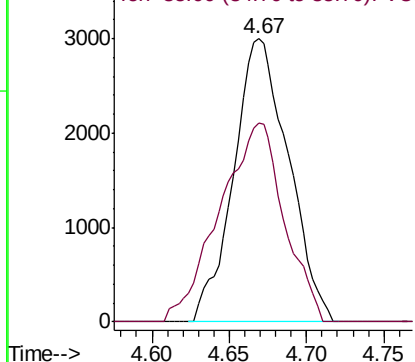


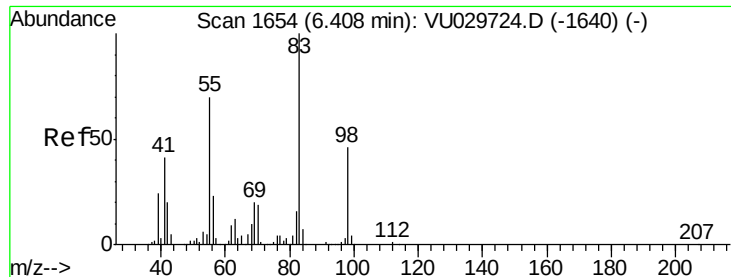
#25
Chloroform
Concen: 0.228 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU029729.D
Acq: 28 Feb 2019 11:43

Tgt Ion: 83 Resp: 7384
Ion Ratio Lower Upper
83 100
85 70.4 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

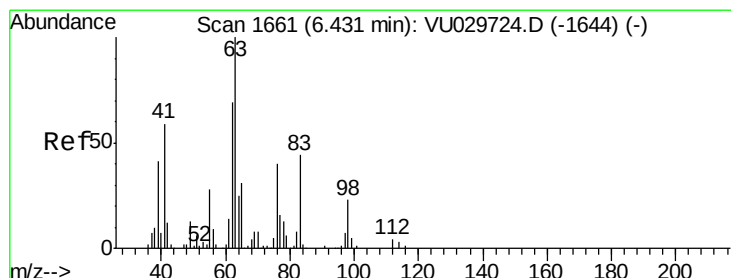
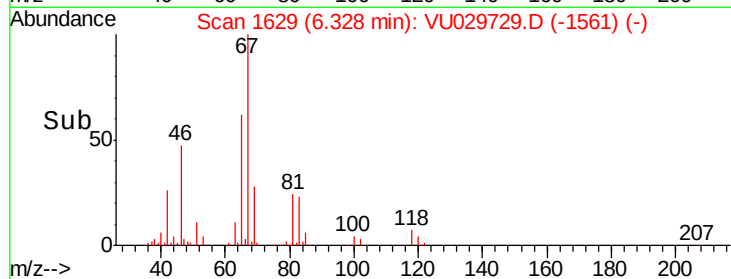
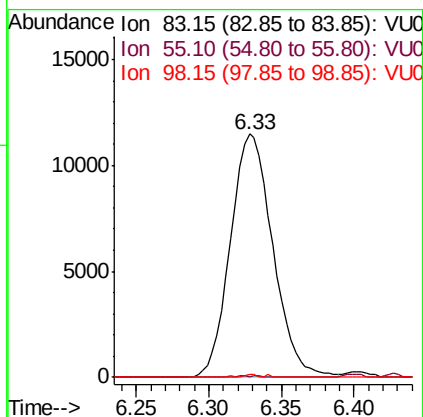
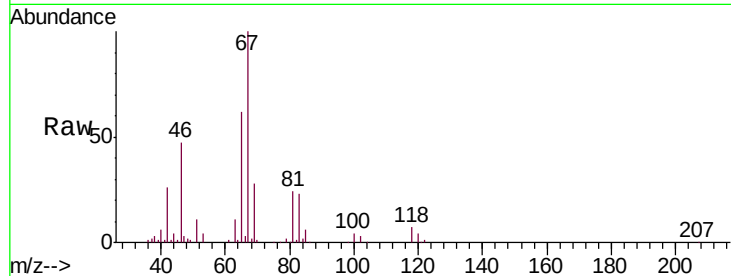




#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029729.D
Acq: 28 Feb 2019 11:43

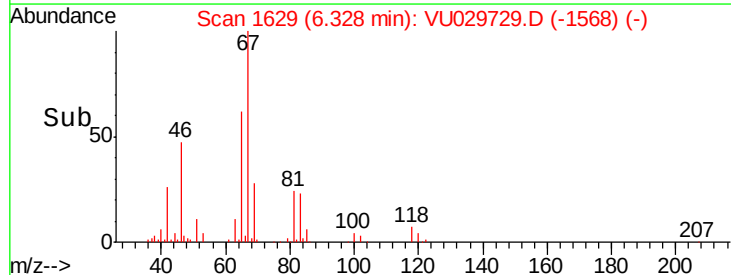
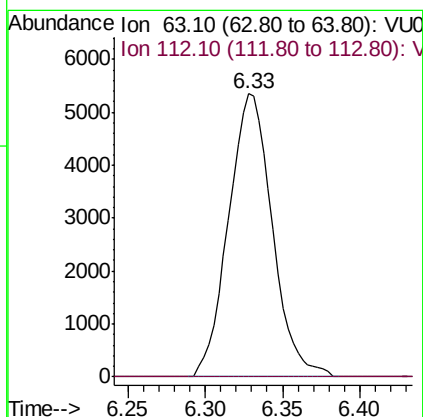
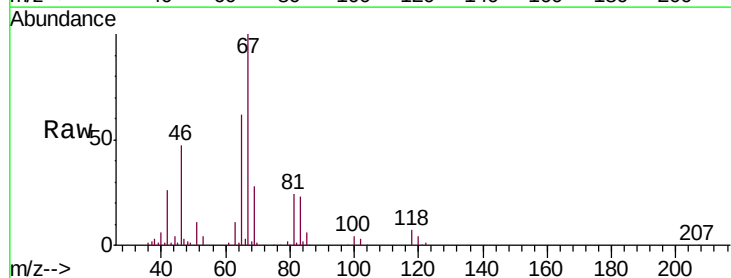
Instrument :
MSVOA_U
ClientSampleId :
CWK08

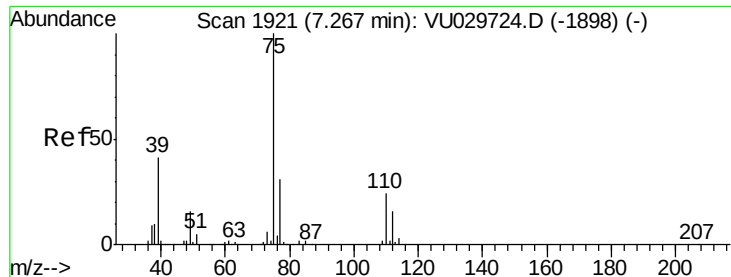
Tgt Ion: 83 Resp: 23335
Ion Ratio Lower Upper
83 100
55 0.2 56.5 84.7#
98 0.3 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029729.D
Acq: 28 Feb 2019 11:43

Tgt Ion: 63 Resp: 10507
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029729.D

Acq: 28 Feb 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

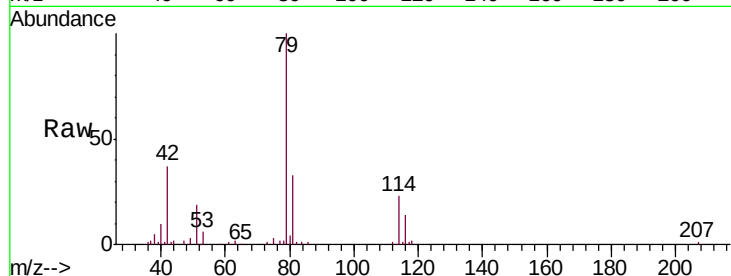
CWK08

Tgt Ion: 75 Resp: 2353

Ion Ratio Lower Upper

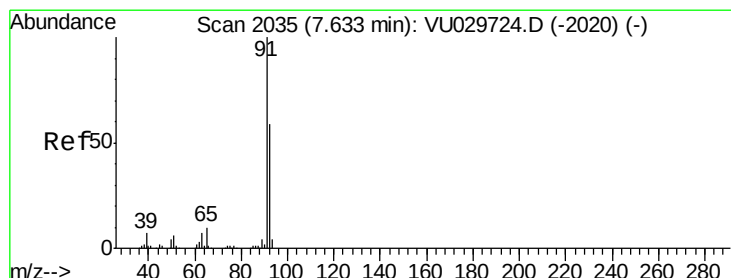
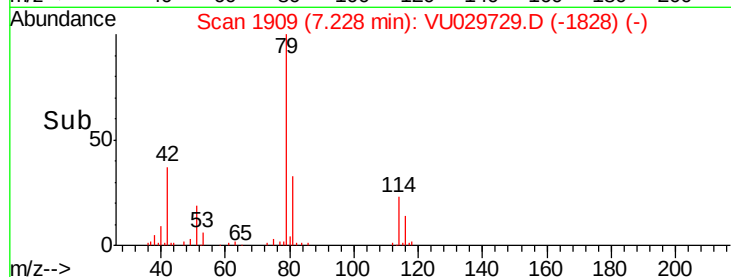
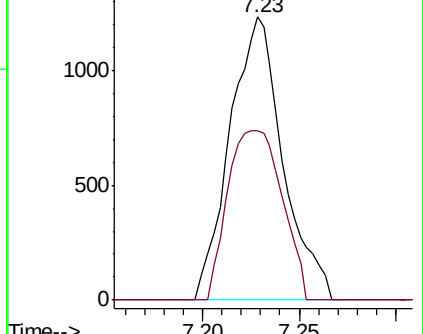
75 100

77 59.8 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#42

Toluene

Concen: 0.093 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029729.D

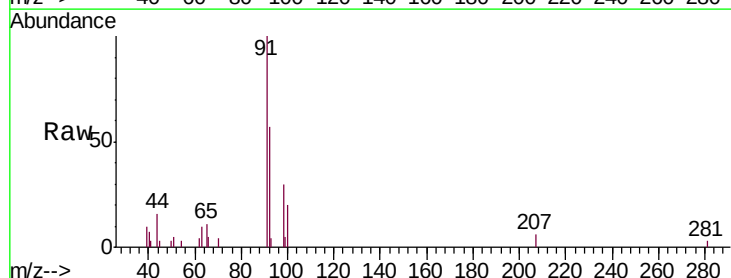
Acq: 28 Feb 2019 11:43

Tgt Ion: 91 Resp: 6804

Ion Ratio Lower Upper

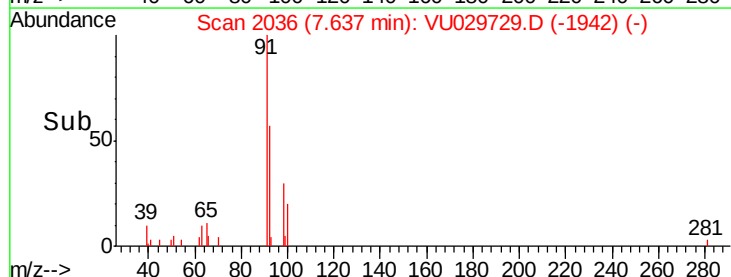
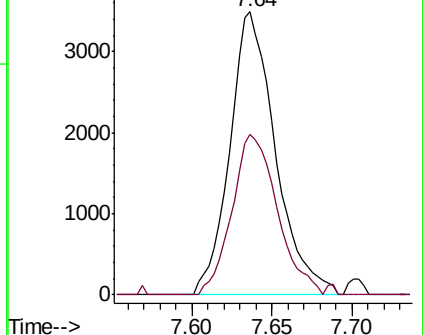
91 100

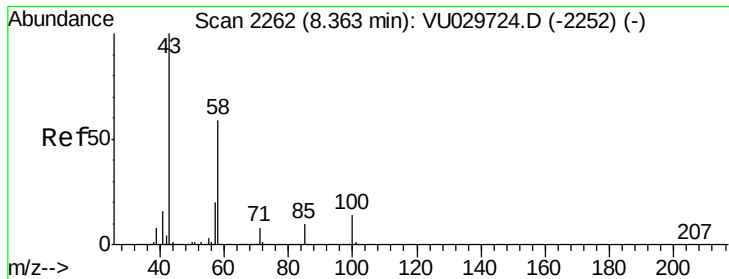
92 56.7 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

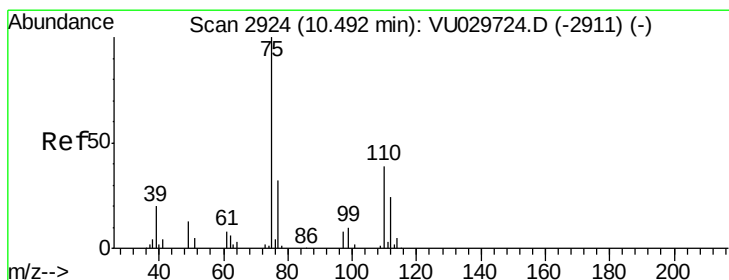
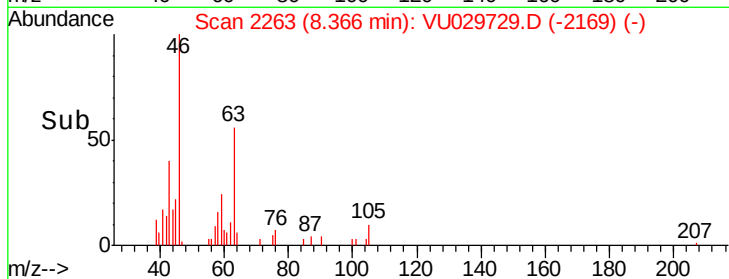
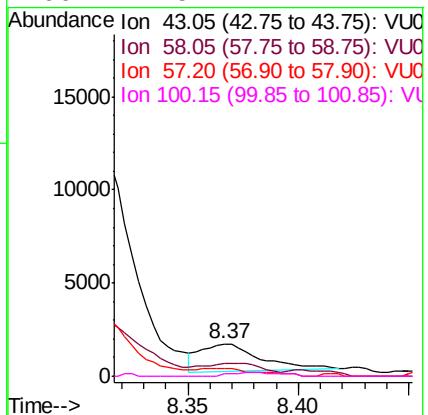
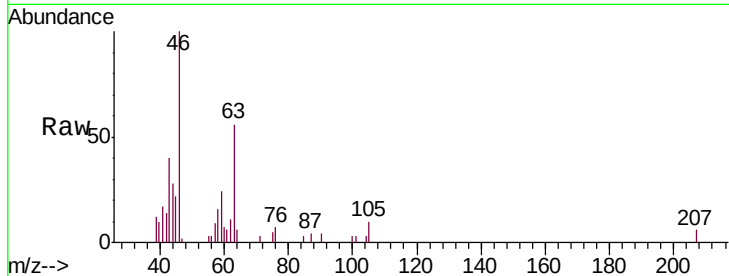




#48
 2-Hexanone
 Concen: 0.415 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029729.D
 Acq: 28 Feb 2019 11:43

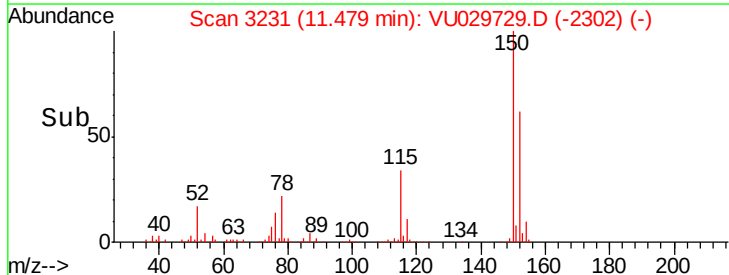
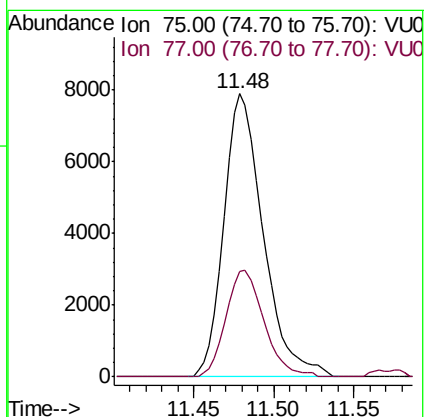
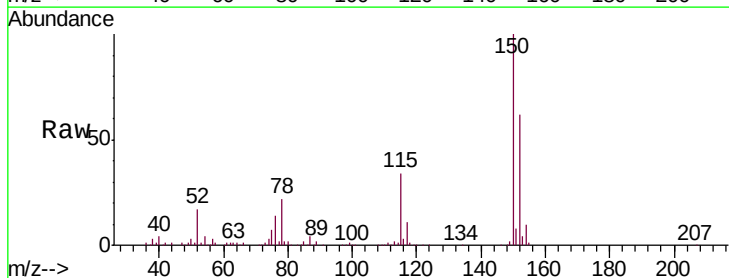
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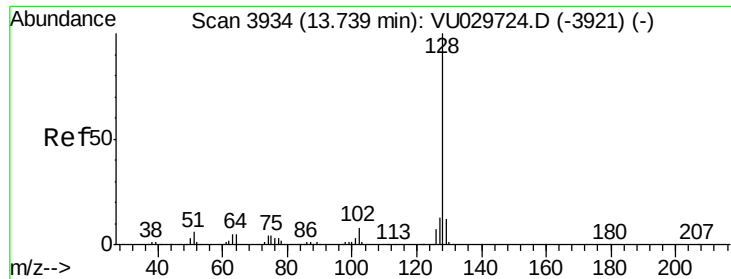
Tgt Ion: 43 Resp: 2773
 Ion Ratio Lower Upper
 43 100
 58 48.6 46.6 69.8
 57 10.8 15.9 23.9#
 100 11.5 11.4 17.2



#59
 1,2,3-Trichloropropane
 Concen: 1.220 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029729.D
 Acq: 28 Feb 2019 11:43

Tgt Ion: 75 Resp: 13248
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.6 38.4





#69

Naphthalene

Concen: 0.041 ug/L

RT: 13.76 min Scan# 3940

Delta R.T. 0.02 min

Lab File: VU029729.D

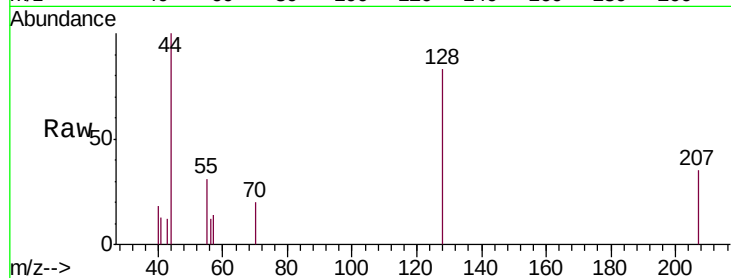
Acq: 28 Feb 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

CWK08



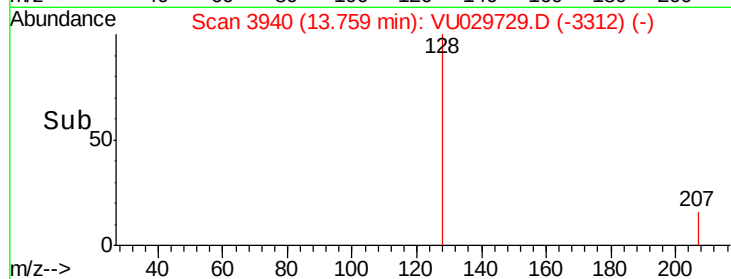
Tgt Ion:128 Resp: 1734

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.0 15.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

