

Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40G2ME

Quant Time: Oct 27 01:45:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	107962	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	107621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61617	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26416	31.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.90%
7) Chloroethane-d5	1.72	69	17	0.03	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.23	63	38319	25.33	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.66%#
21) 2-Butanone-d5	4.20	46	56646	79.13	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.13%
24) Chloroform-d	4.65	84	52824	34.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.96%#
26) 1,2-Dichloroethane-d4	5.30	65	40061	38.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.62%
32) Benzene-d6	5.33	84	100987	32.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.90%#
36) 1,2-Dichloropropane-d6	6.33	67	37186	33.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	67.96%#
41) Toluene-d8	7.57	98	94884	33.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.12%#
43) trans-1,3-Dichloropropene-	7.85	79	18434	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.38%
47) 2-Hexanone-d5	8.33	63	45721	81.65	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.65%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	56878	40.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	43836	34.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.46%#

Target Compounds

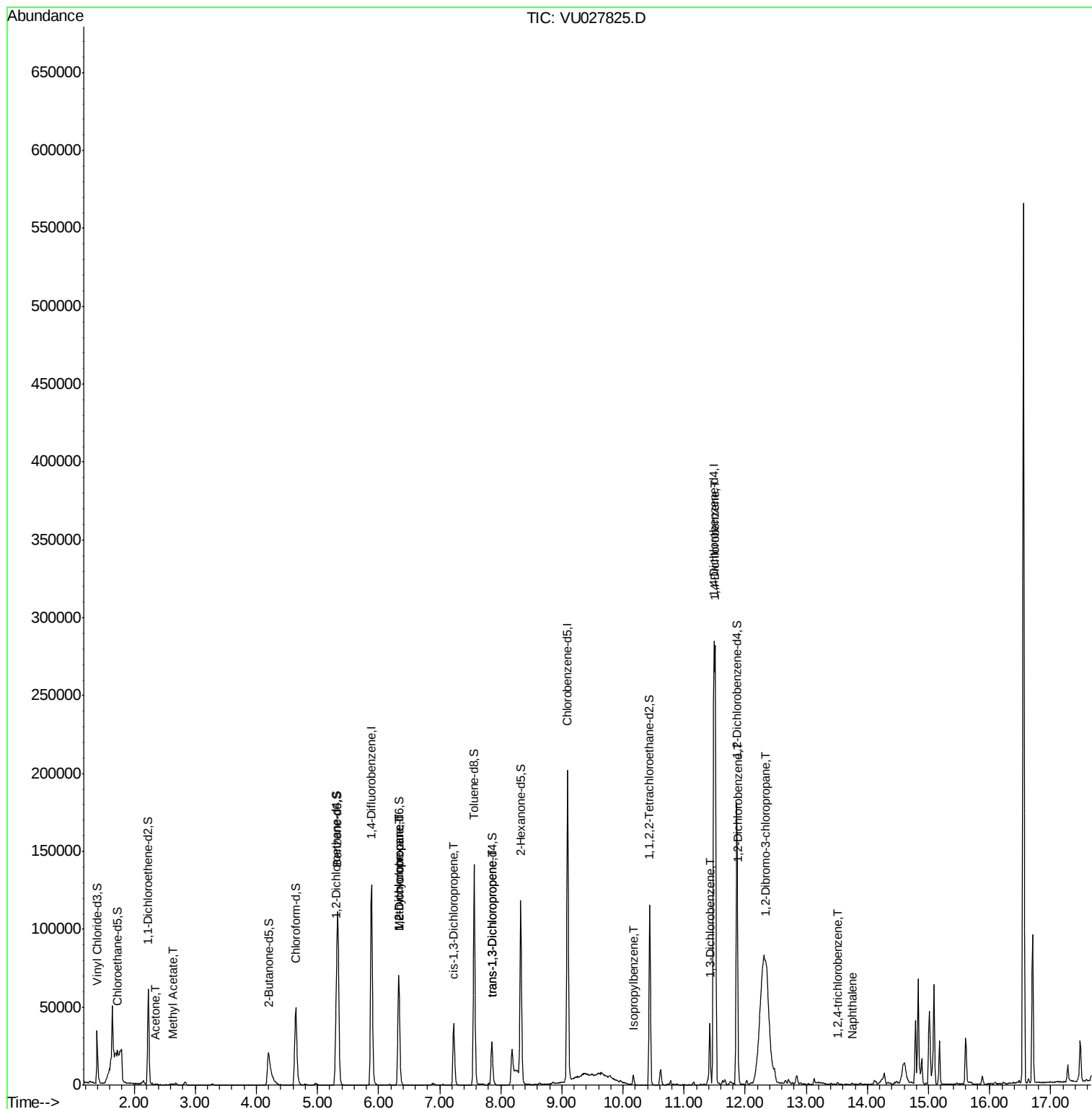
					Qvalue	
13) Acetone	2.35	43	570	1.143	ug/L #	46
15) Methyl Acetate	2.63	43	1323	1.261	ug/L #	58
35) Methylcyclohexane	6.33	83	8400	6.060	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	3963	4.189	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1040	0.714	ug/L #	82
44) trans-1,3-Dichloropropene	7.85	75	776	0.563	ug/L	96
56) Isopropylbenzene	10.17	105	4462	1.234	ug/L	95
62) 1,3-Dichlorobenzene	11.42	146	15113	8.180	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	97279	51.635	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	4030	2.121	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.34	75	2345	5.922	ug/L #	30
68) 1,2,4-trichlorobenzene	13.51	180	572	0.451	ug/L #	67
69) Naphthalene	13.75	128	1395	0.340	ug/L #	68

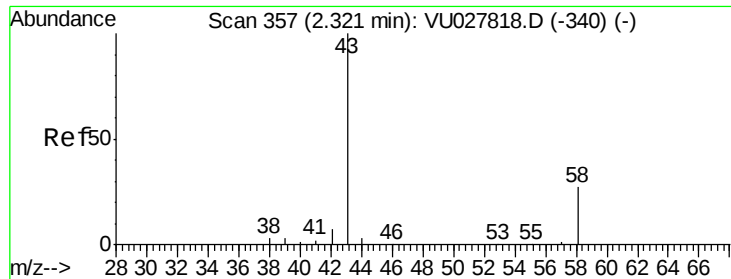
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.143 ug/L

RT: 2.35 min Scan# 366

Delta R.T. 0.03 min

Lab File: VU027825.D

Acq: 26 Oct 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

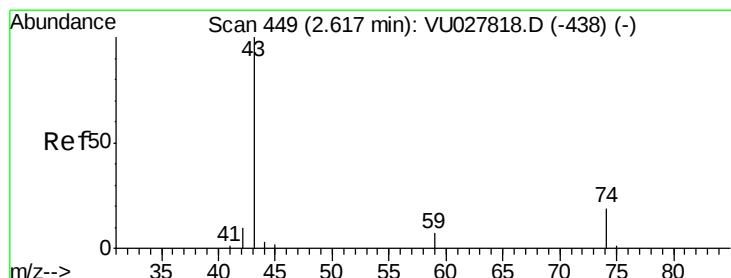
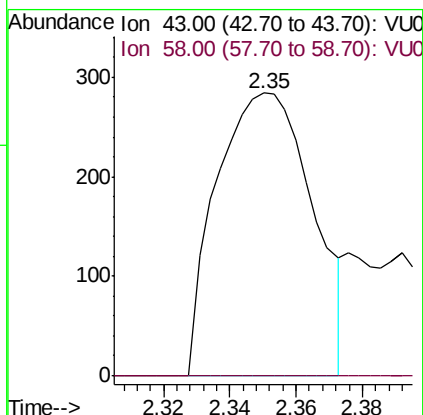
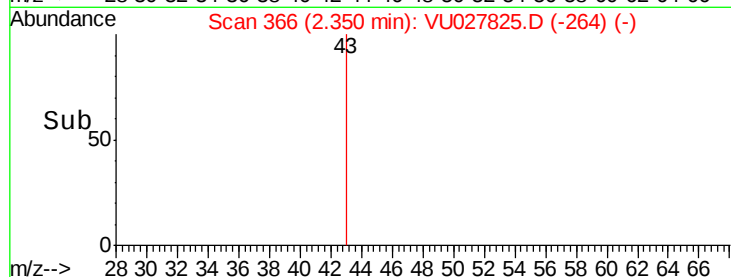
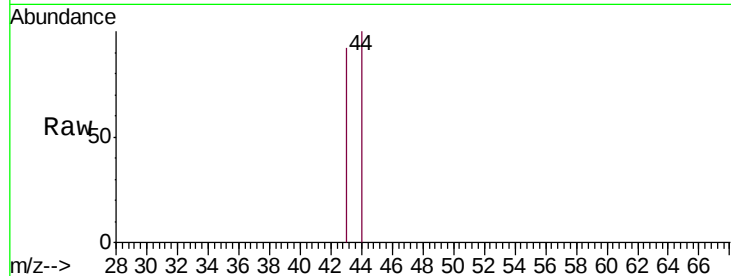
A40G2ME

Tgt Ion: 43 Resp: 570

Ion Ratio Lower Upper

43 100

58 0.0 0.0 57.4



#15

Methyl Acetate

Concen: 1.261 ug/L

RT: 2.63 min Scan# 453

Delta R.T. 0.01 min

Lab File: VU027825.D

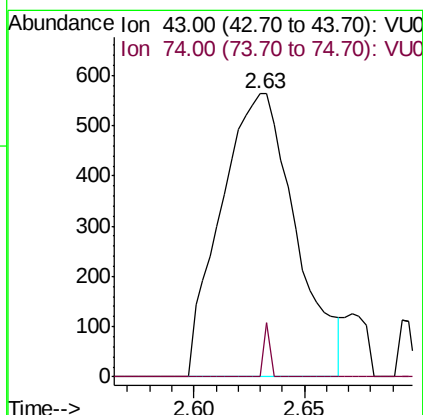
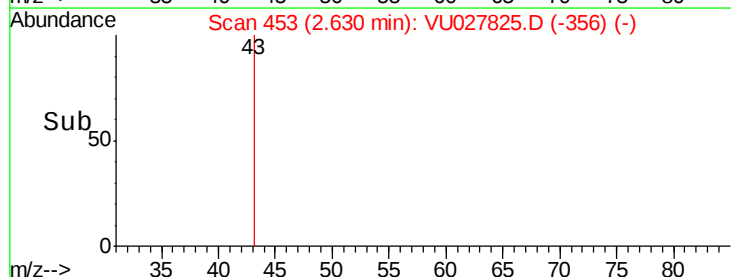
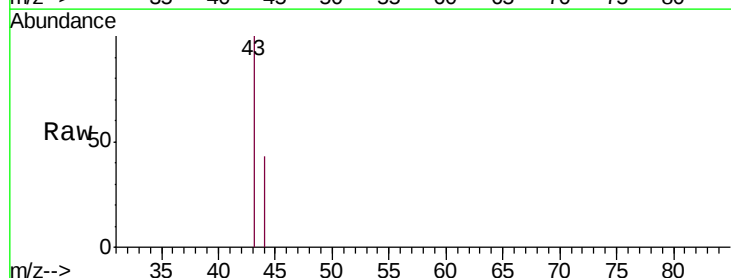
Acq: 26 Oct 2018 12:00

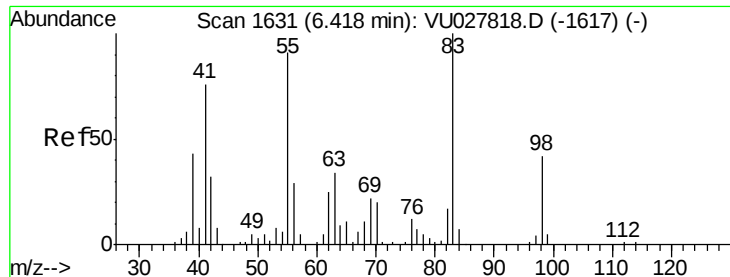
Tgt Ion: 43 Resp: 1323

Ion Ratio Lower Upper

43 100

74 0.0 15.1 22.7#

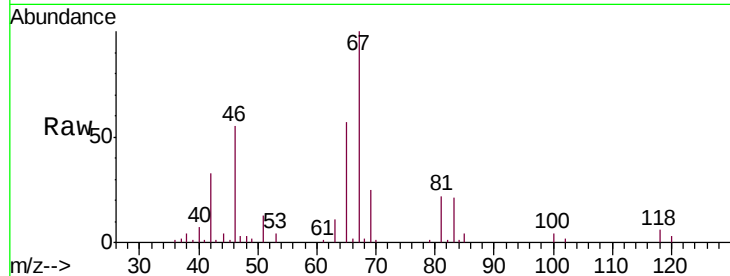




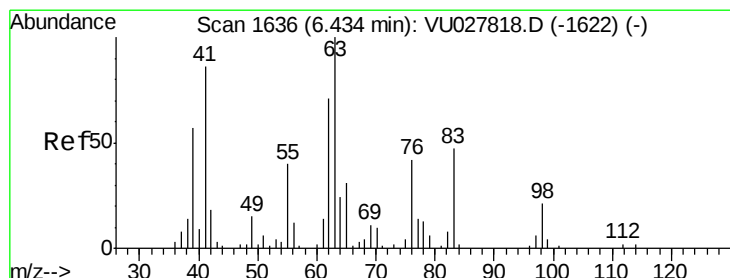
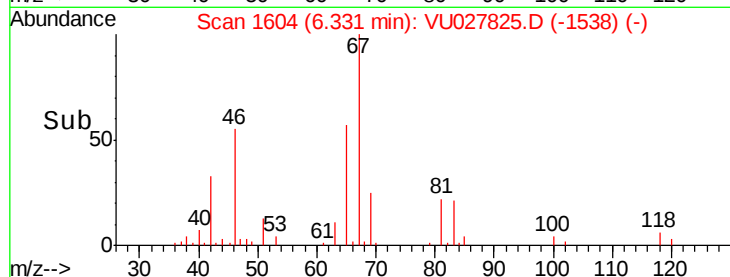
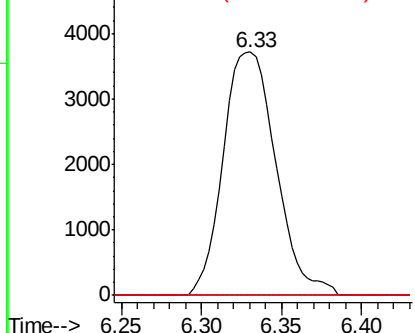
#35
Methylcyclohexane
Concen: 6.060 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU027825.D
Acq: 26 Oct 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
A40G2ME

Tgt Ion: 83 Resp: 8400
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.0 34.6 52.0#

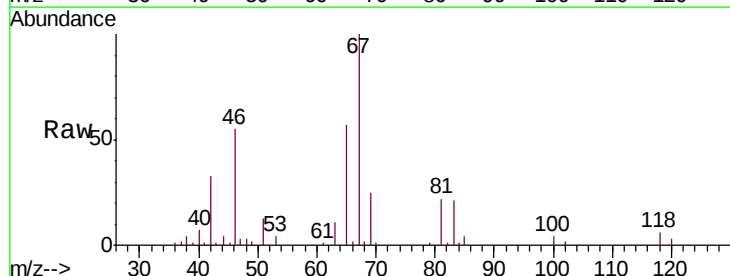


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

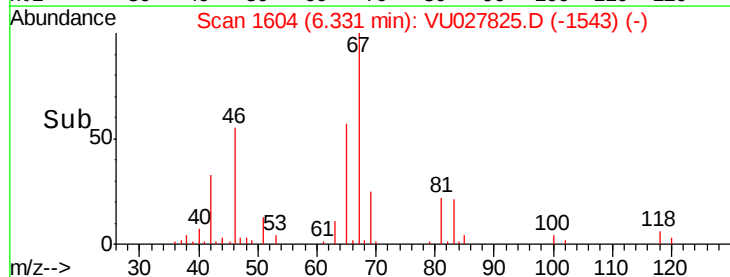
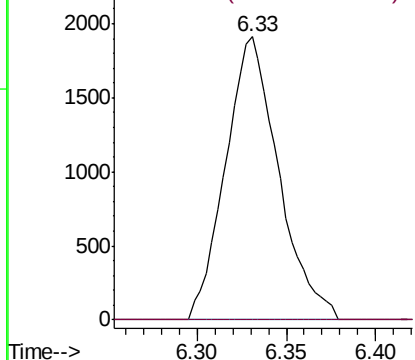


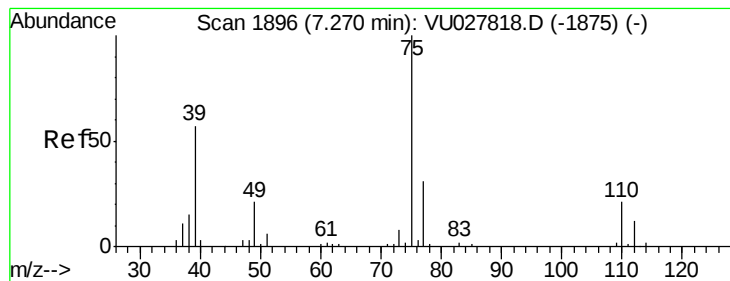
#37
1,2-Dichloropropane
Concen: 4.189 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027825.D
Acq: 26 Oct 2018 12:00

Tgt Ion: 63 Resp: 3963
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



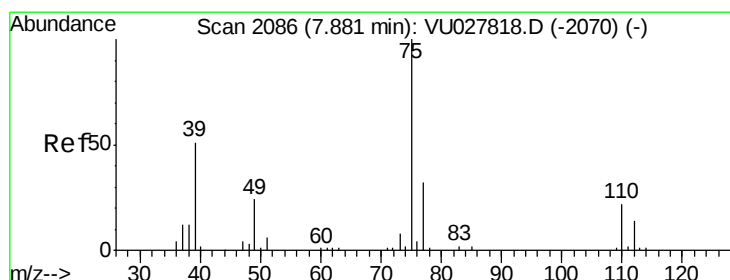
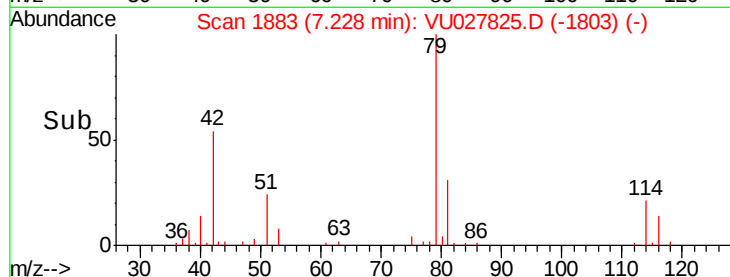
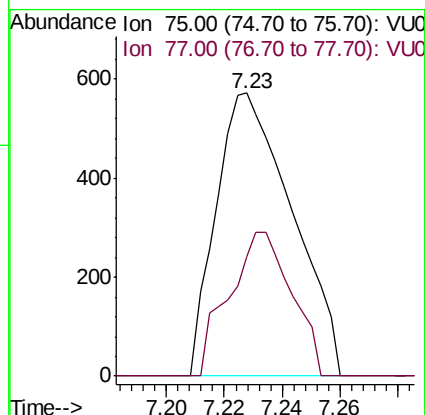
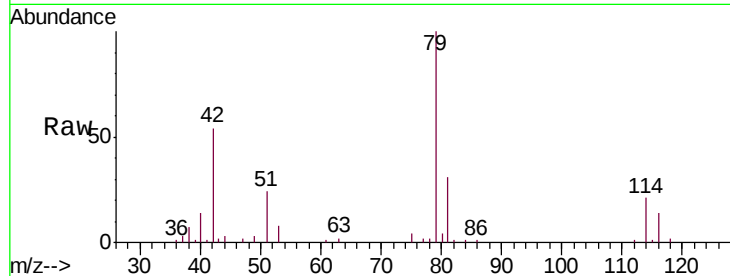


#39

cis-1,3-Dichloropropene
Concen: 0.714 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027825.D
Acq: 26 Oct 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
A40G2ME

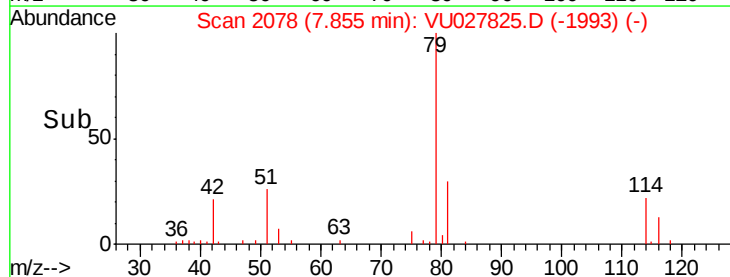
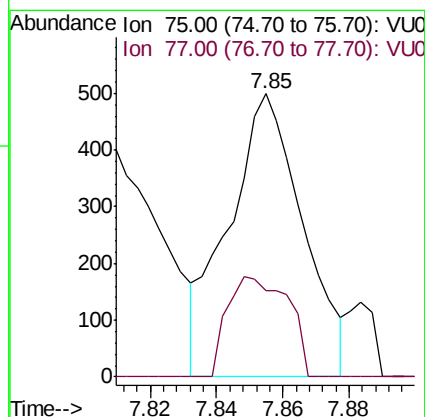
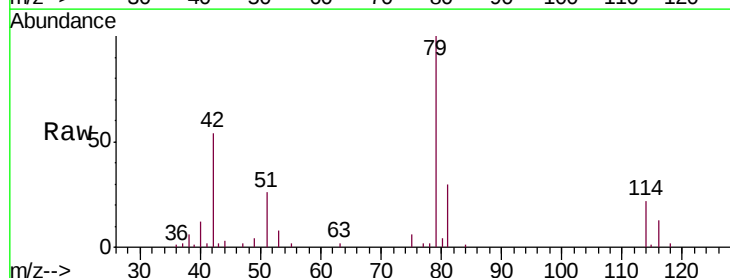
Tgt Ion: 75 Resp: 1040
Ion Ratio Lower Upper
75 100
77 42.1 22.5 41.7#

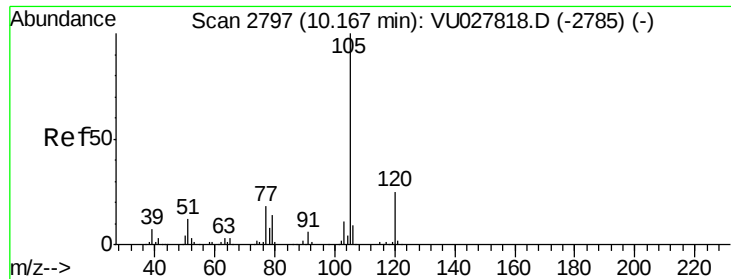


#44

trans-1,3-Dichloropropene
Concen: 0.563 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU027825.D
Acq: 26 Oct 2018 12:00

Tgt Ion: 75 Resp: 776
Ion Ratio Lower Upper
75 100
77 30.5 22.8 42.4





#56

Isopropylbenzene

Concen: 1.234 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027825.D

Acq: 26 Oct 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

A40G2ME

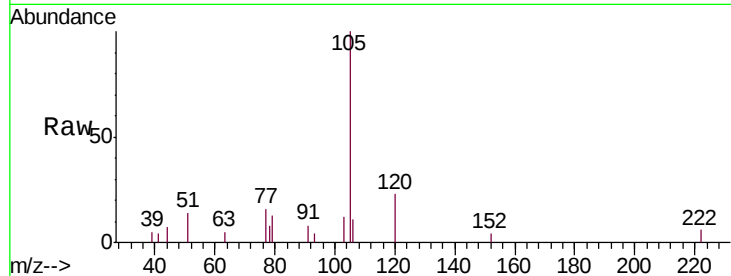
Tgt Ion:105 Resp: 4462

Ion Ratio Lower Upper

105 100

120 24.4 21.0 31.6

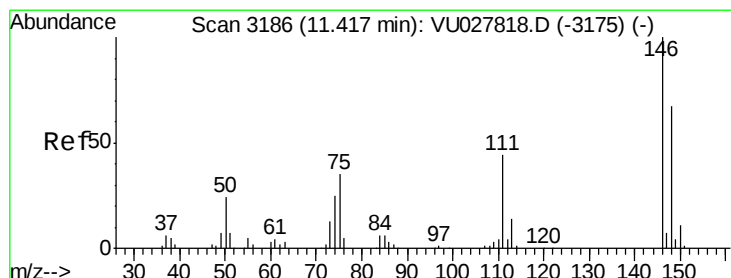
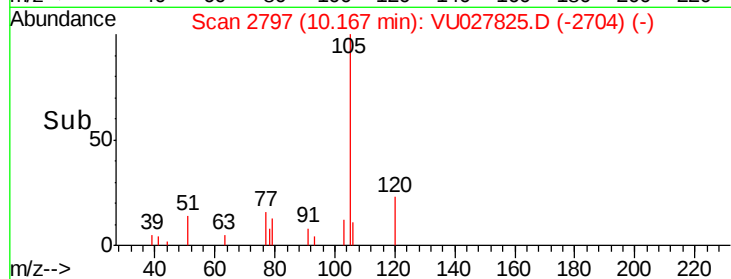
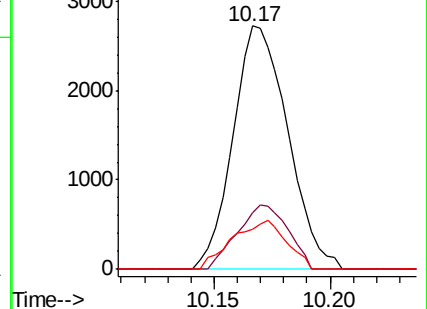
77 19.9 13.7 20.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0



#62

1,3-Dichlorobenzene

Concen: 8.180 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU027825.D

Acq: 26 Oct 2018 12:00

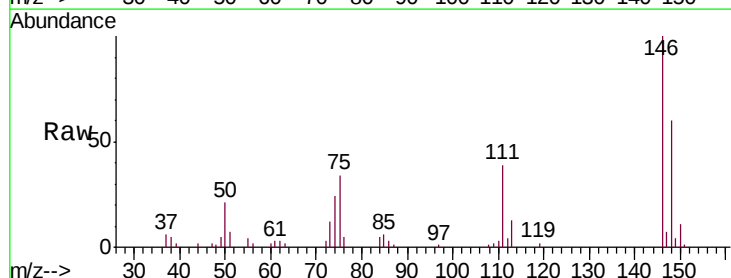
Tgt Ion:146 Resp: 15113

Ion Ratio Lower Upper

146 100

111 38.9 28.1 52.3

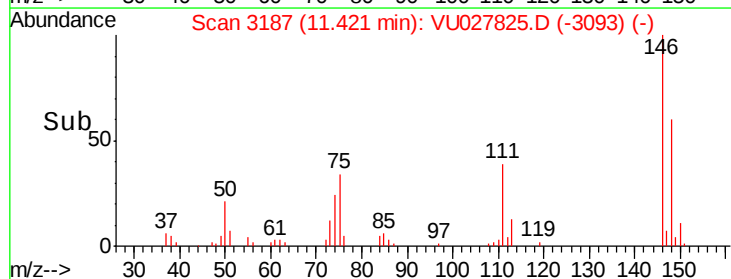
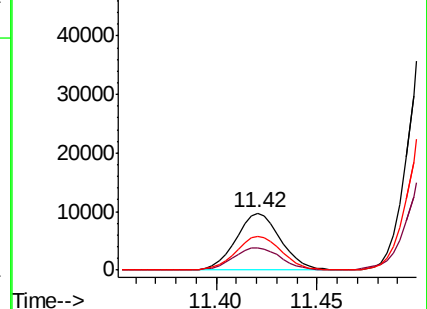
148 60.0 43.7 81.1

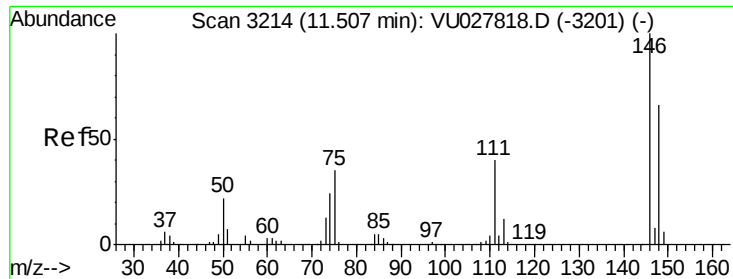


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 51.635 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU027825.D

Acq: 26 Oct 2018 12:00

Instrument :

MSVOA_U

ClientSampleId :

A40G2ME

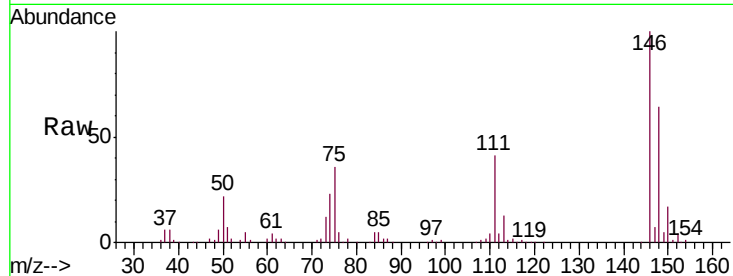
Tgt Ion:146 Resp: 97279

Ion Ratio Lower Upper

146 100

111 41.1 27.5 51.1

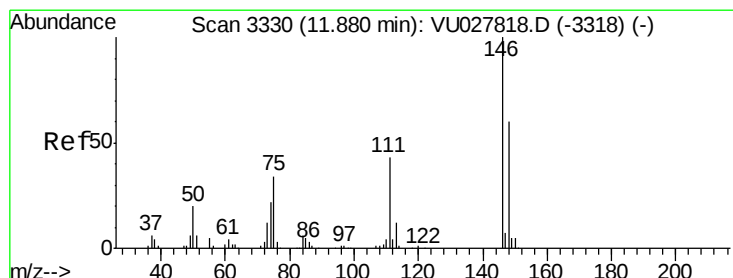
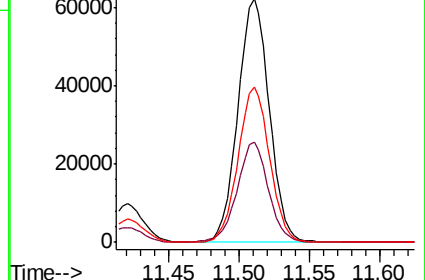
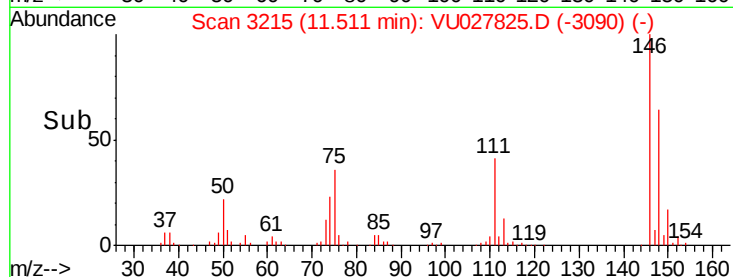
148 63.9 44.1 81.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 2.121 ug/L

RT: 11.88 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VU027825.D

Acq: 26 Oct 2018 12:00

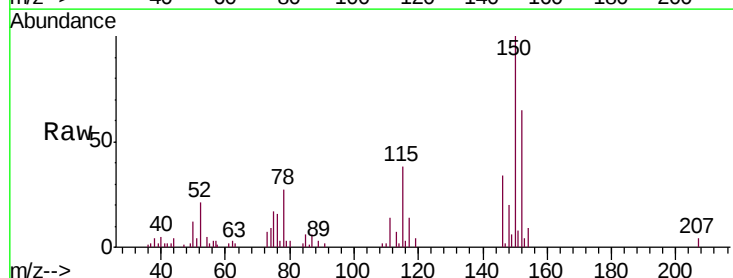
Tgt Ion:146 Resp: 4030

Ion Ratio Lower Upper

146 100

111 42.3 33.8 50.8

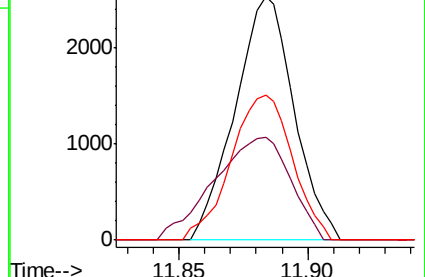
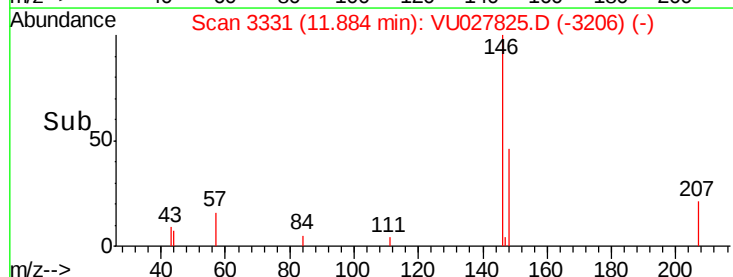
148 59.6 51.5 77.3

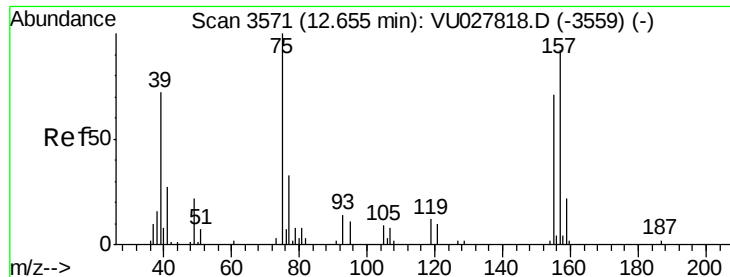


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

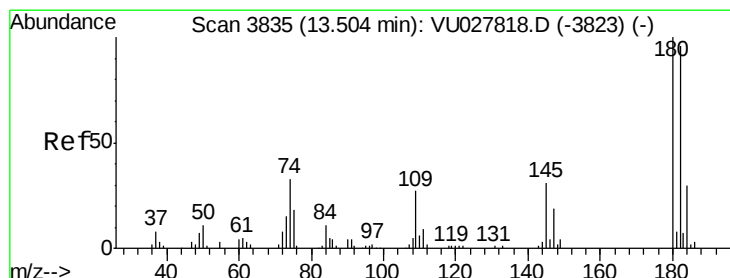
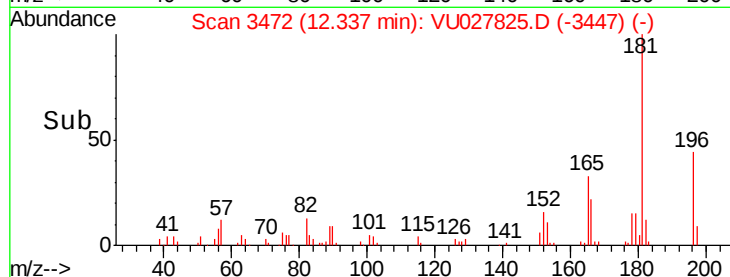
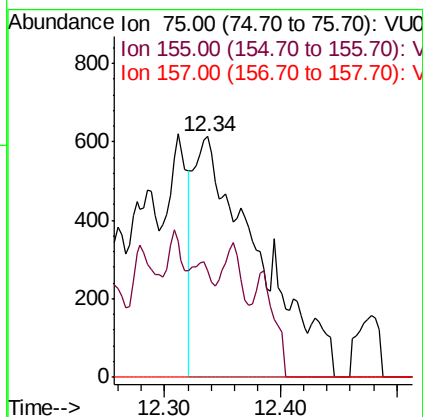
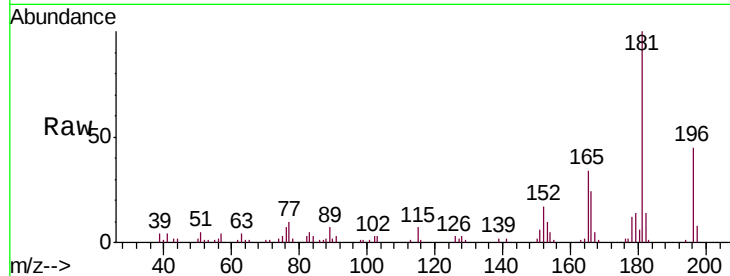




#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.922 ug/L
 RT: 12.34 min Scan# 3472
 Delta R.T. -0.32 min
 Lab File: VU027825.D
 Acq: 26 Oct 2018 12:00

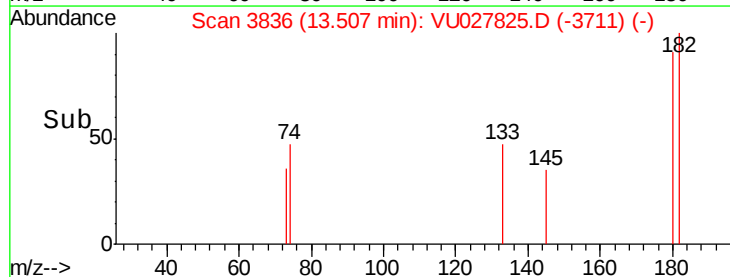
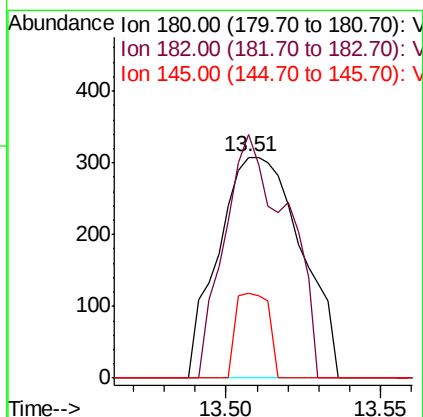
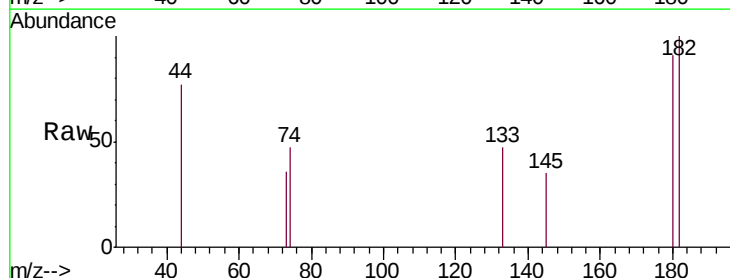
Instrument :
 MSVOA_U
 ClientSampleId :
 A40G2ME

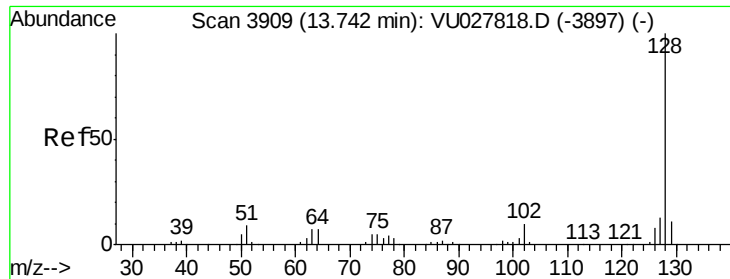
Tgt Ion: 75 Resp: 2345
 Ion Ratio Lower Upper
 75 100
 155 44.1 57.4 86.2#
 157 0.0 75.9 113.9#



#68
 1,2,4-trichlorobenzene
 Concen: 0.451 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027825.D
 Acq: 26 Oct 2018 12:00

Tgt Ion: 180 Resp: 572
 Ion Ratio Lower Upper
 180 100
 182 63.6 77.1 115.7#
 145 11.7 23.4 35.0#





#69

Naphthalene

Concen: 0.340 ug/L

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027825.D

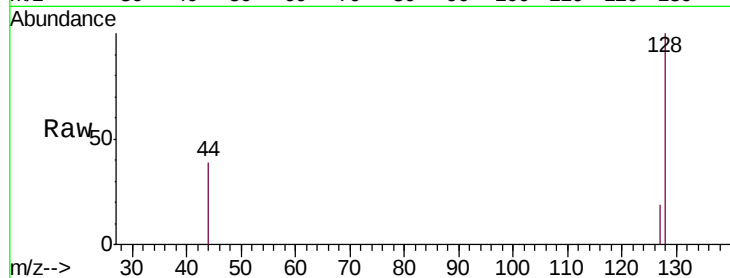
Acq: 26 Oct 2018 12:00

Instrument :

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ClientSampleId :

A40G2ME



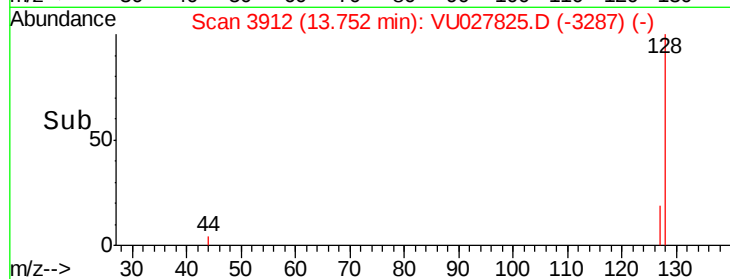
Tgt Ion:128 Resp: 1395

Ion Ratio Lower Upper

128 100

127 0.0 10.9 16.3#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

