

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027116.D
 Acq On : 24 Sep 2018 18:04
 Operator : MD/SY
 Sample : J4973-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

Quant Time: Sep 25 01:36:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

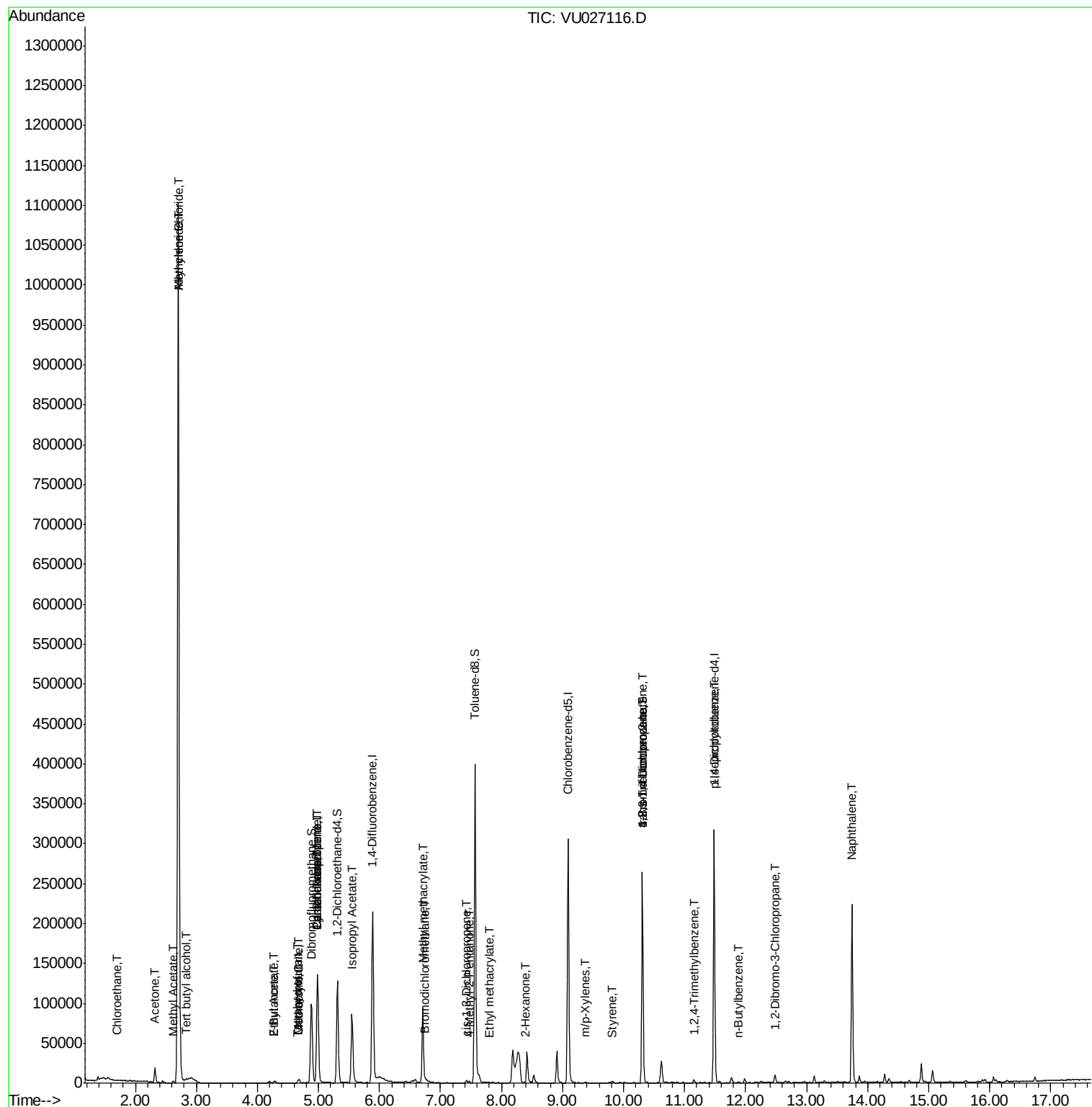
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	92762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	162007	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97489	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
35) Dibromofluoromethane	4.88	113	67208	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	7.57	98	260553	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	10.31	95	85898	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.70	64	324	0.260	ug/l #	43
11) Tert butyl alcohol	2.83	59	811	1.895	ug/l #	72
14) Allyl chloride	2.70	41	23548	9.062	ug/l #	24
16) Acetone	2.32	43	19656	3.459	ug/l	97
18) Methyl Acetate	2.62	43	3199	1.204	ug/l #	89
20) Methylene Chloride	2.70	84	452956	270.902	ug/l	96
25) 2-Butanone	4.27	43	4924	3.138	ug/l #	84
29) Tetrahydrofuran	4.65	42	371	0.391	ug/l #	53
30) Chloroform	4.67	83	3527	1.241	ug/l	98
31) Cyclohexane	4.99	56	2520	0.334	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9092	4.205	ug/l #	50
37) Ethyl Acetate	4.27	43	4924	1.682	ug/l #	70
38) Carbon Tetrachloride	4.99	117	10118	4.917	ug/l #	18
41) Methacrylonitrile	4.66	41	430	0.283	ug/l #	43
43) Isopropyl Acetate	5.55	43	101025	23.667	ug/l	97
47) Bromodichloromethane	6.76	83	885	0.387	ug/l #	87
48) Methyl methacrylate	6.71	41	9792	5.141	ug/l #	46
51) 4-Methyl-2-Pentanone	7.47	43	1359	0.473	ug/l #	87
54) cis-1,3-Dichloropropene	7.43	75	543	0.201	ug/l #	59
56) Ethyl methacrylate	7.81	69	149	2.245	ug/l #	80
59) 2-Hexanone	8.38	43	734	0.327	ug/l	85
68) m/p-Xylenes	9.38	106	467	1.667	ug/l	95
70) Styrene	9.80	104	21	1.814	ug/l #	24
76) 1,2,3-Trichloropropane	10.31	75	46576	20.628	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	46576	66.012	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	2036	0.429	ug/l	96
86) p-Isopropyltoluene	11.47	119	99	0.946	ug/l #	1
89) n-Butylbenzene	11.90	91	416	2.470	ug/l #	43
92) 1,2-Dibromo-3-Chloropropan	12.48	75	298	0.562	ug/l #	7
95) Naphthalene	13.74	128	162721	27.240	ug/l	100

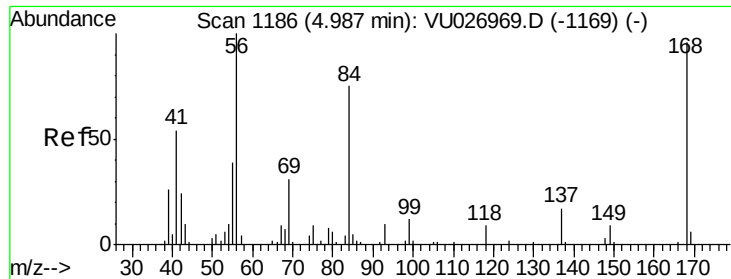
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

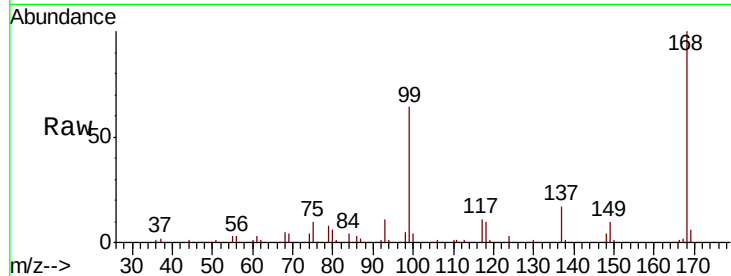
CB-0918-S-TCLP-GRID56-3

Tgt Ion:168 Resp: 92762

Ion Ratio Lower Upper

168 100

99 63.9 48.1 72.1



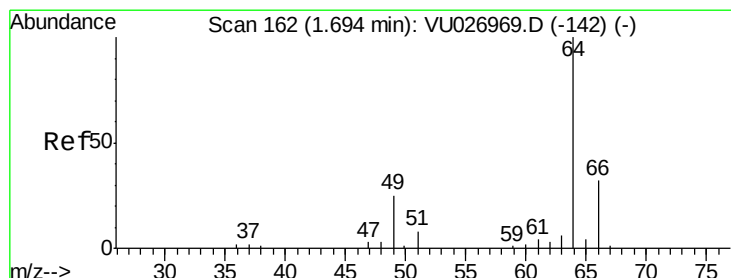
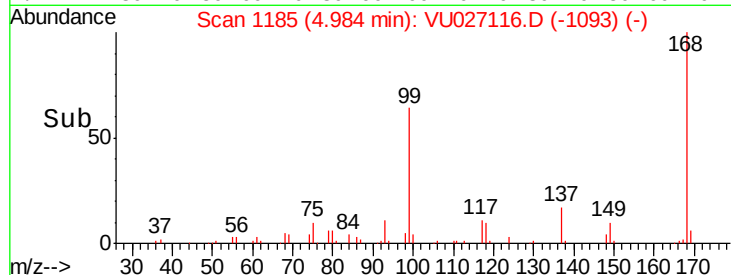
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.98

4.90 4.95 5.00 5.05 5.10

Time-->



#6

Chloroethane

Concen: 0.260 ug/l

RT: 1.70 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU027116.D

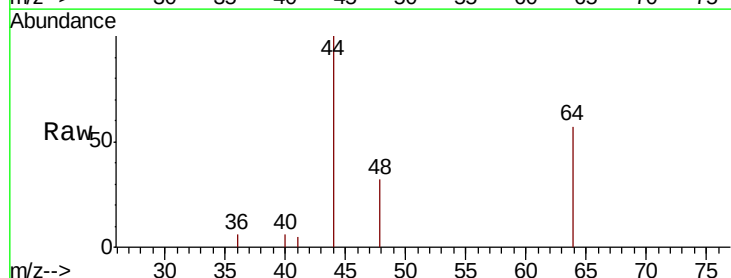
Acq: 24 Sep 2018 18:04

Tgt Ion: 64 Resp: 324

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



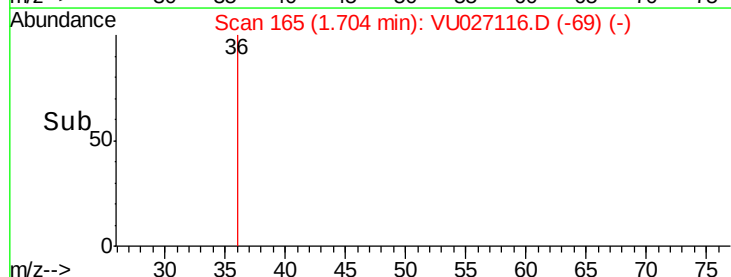
Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

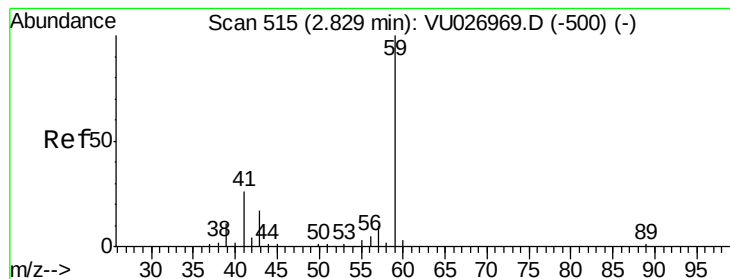
Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.70

1.68 1.70 1.72

Time-->



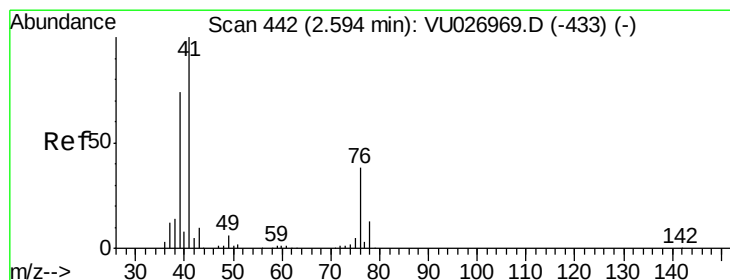
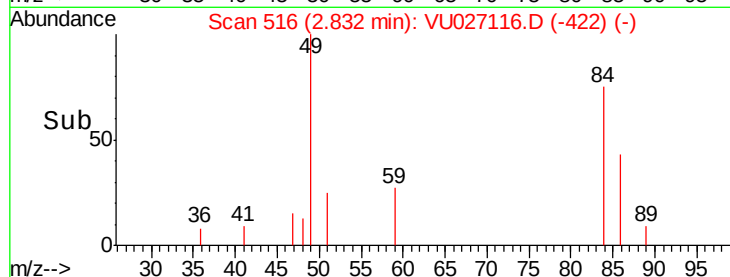
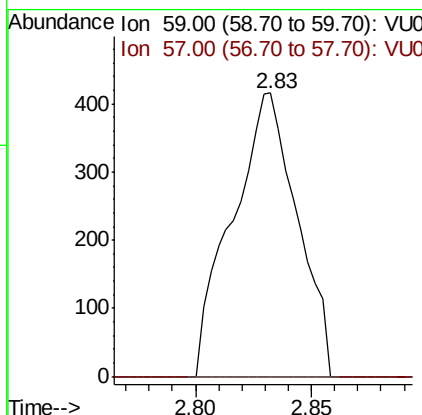
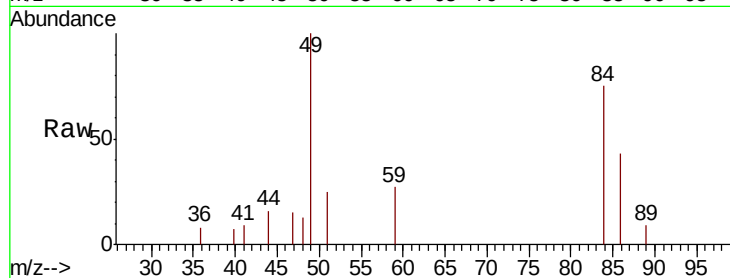


#11

Tert butyl alcohol
 Concen: 1.895 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

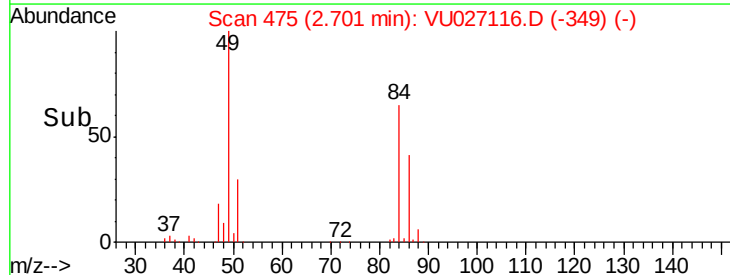
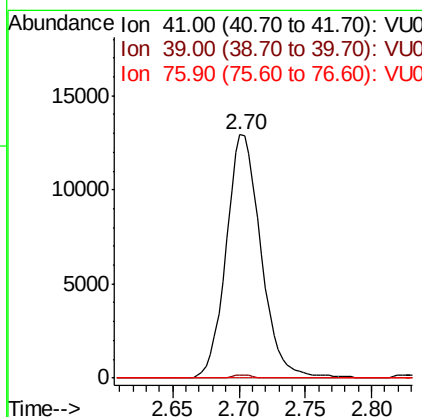
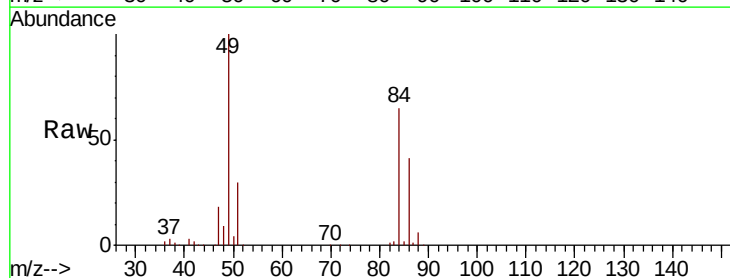
Tgt Ion: 59 Resp: 811
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

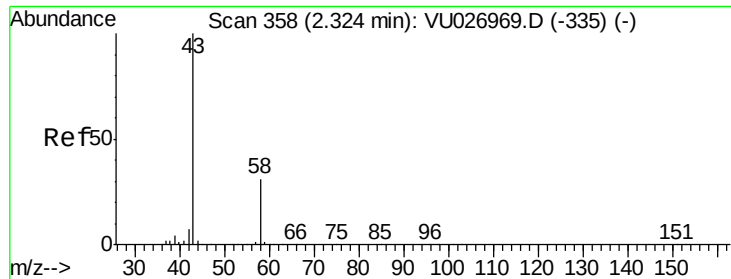


#14

Allyl chloride
 Concen: 9.062 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. 0.11 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

Tgt Ion: 41 Resp: 23548
 Ion Ratio Lower Upper
 41 100
 39 0.6 55.7 83.5#
 76 0.0 26.5 39.7#





#16

Acetone

Concen: 3.459 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

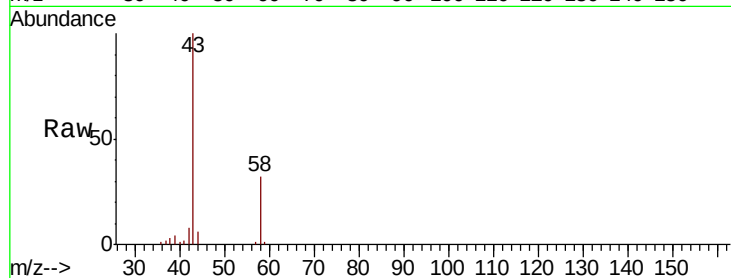
CB-0918-S-TCLP-GRID56-3

Tgt Ion: 43 Resp: 19656

Ion Ratio Lower Upper

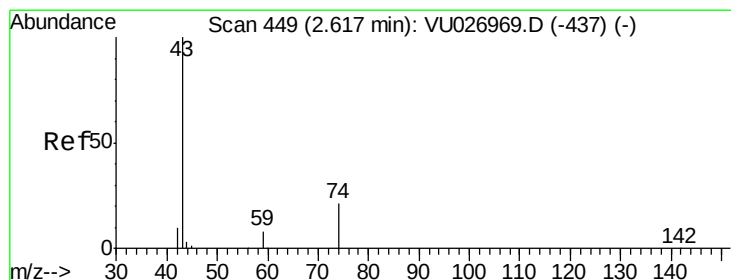
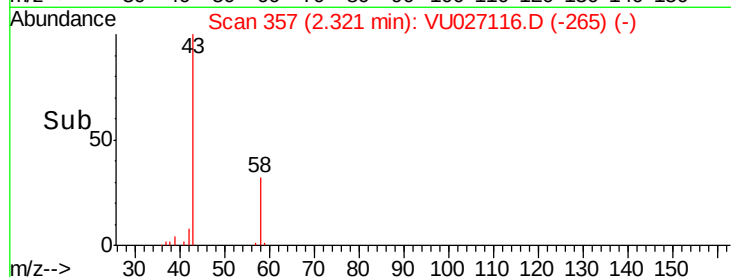
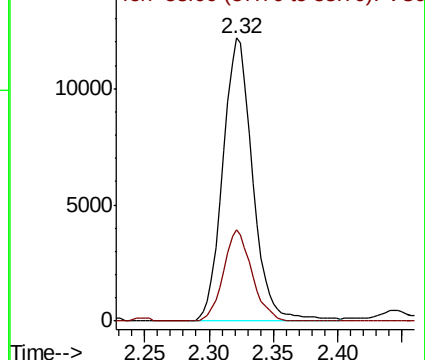
43 100

58 32.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 1.204 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027116.D

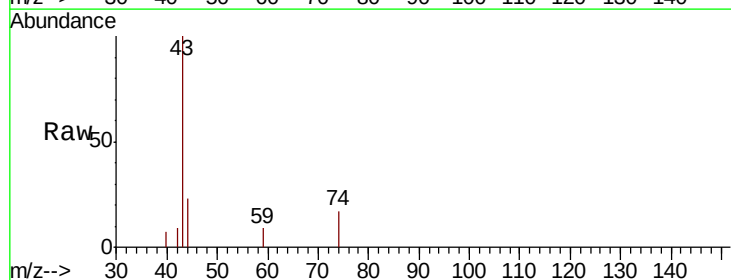
Acq: 24 Sep 2018 18:04

Tgt Ion: 43 Resp: 3199

Ion Ratio Lower Upper

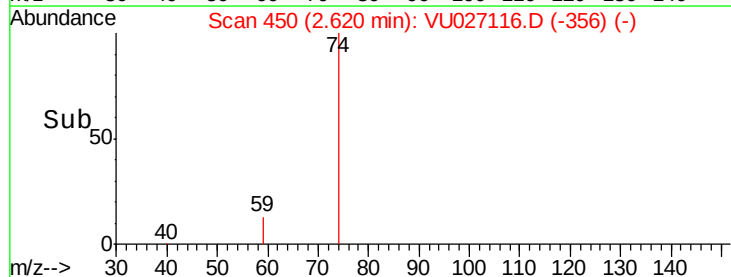
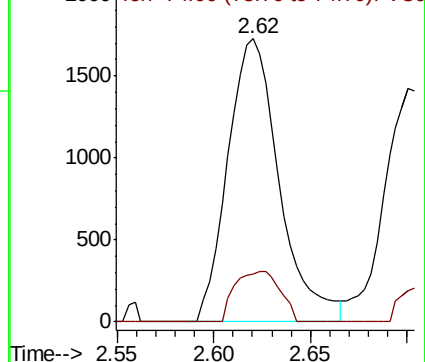
43 100

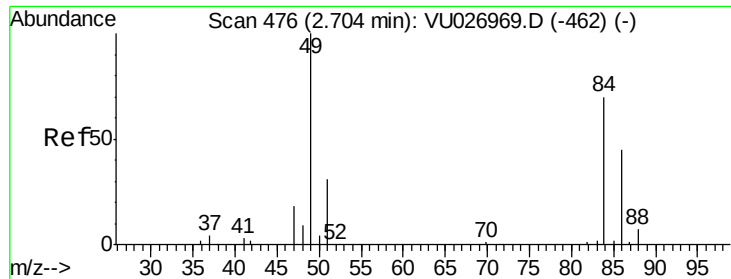
74 15.6 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

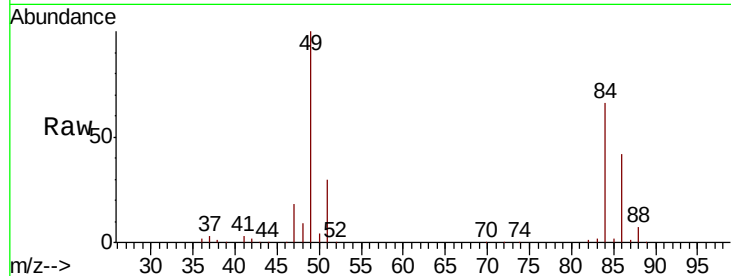




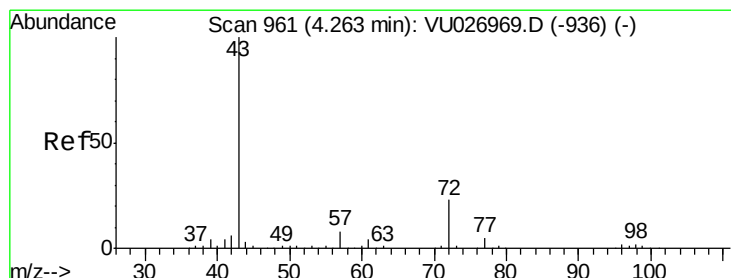
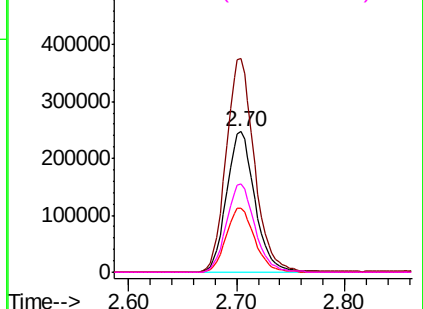
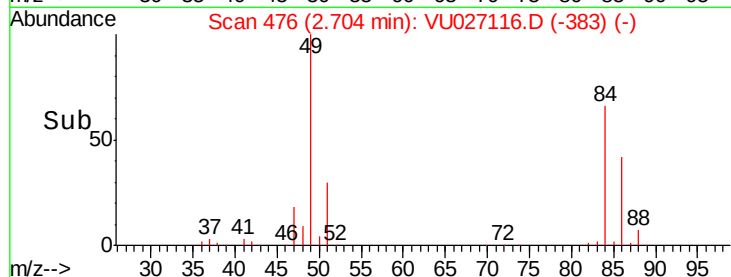
#20
Methylene Chloride
Concen: 270.902 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

Instrument :
MSVOA_U
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tgt Ion:	84	Resp:	452956
Ion	Ratio	Lower	Upper
84	100		
49	151.7	114.9	172.3
51	45.4	35.8	53.8
86	63.1	51.3	76.9

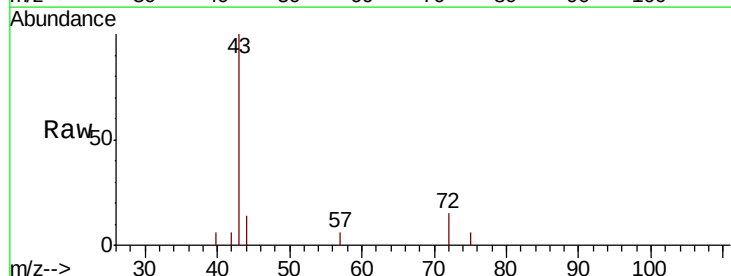


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

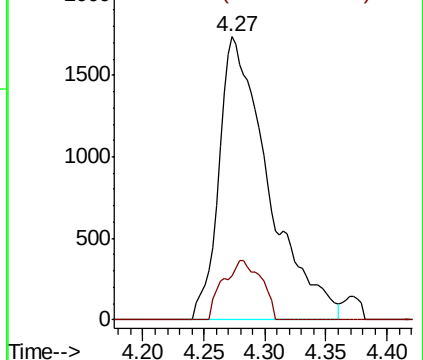
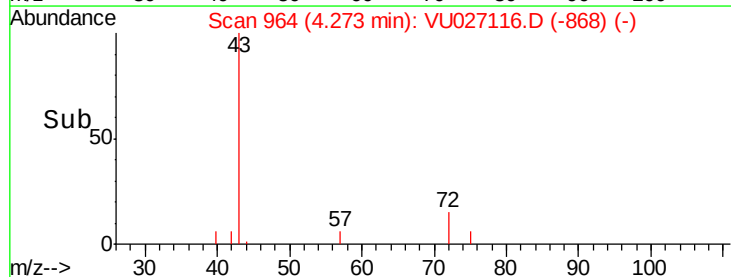


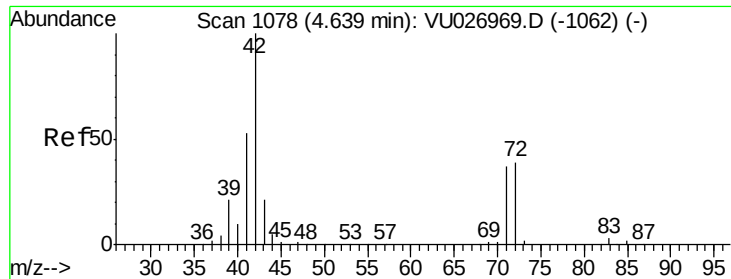
#25
2-Butanone
Concen: 3.138 ug/l
RT: 4.27 min Scan# 964
Delta R.T. 0.01 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

Tgt Ion:	43	Resp:	4924
Ion	Ratio	Lower	Upper
43	100		
72	15.4	18.4	27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0





#29

Tetrahydrofuran

Concen: 0.391 ug/l

RT: 4.65 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

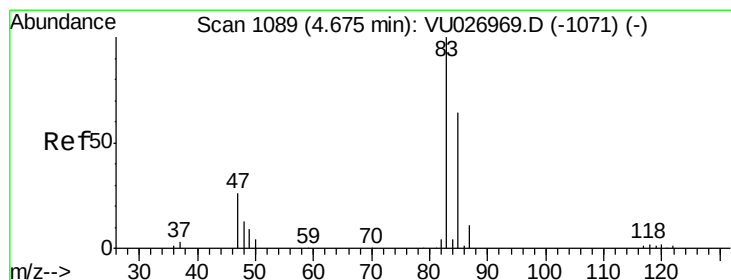
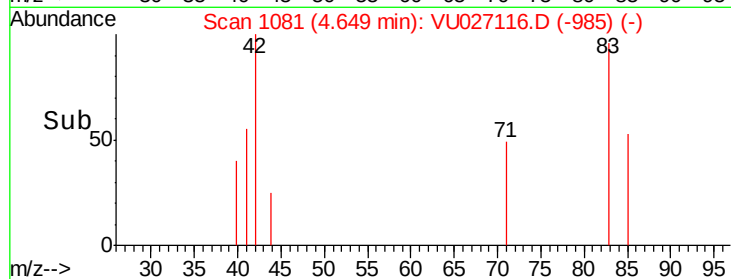
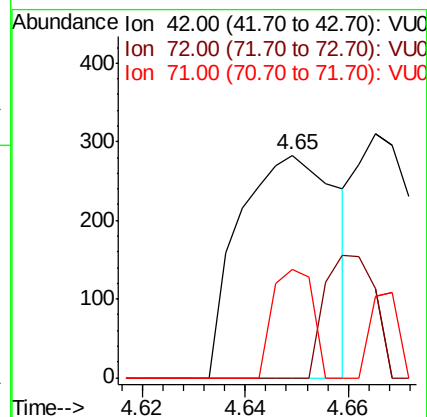
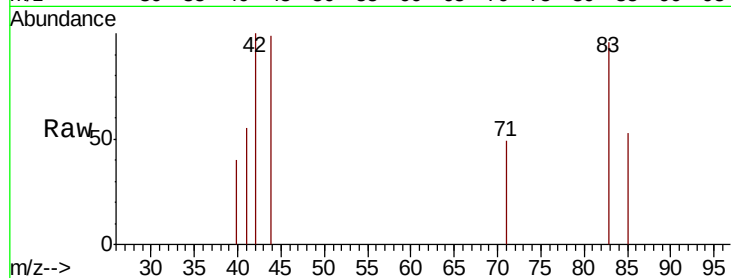
Tgt Ion: 42 Resp: 371

Ion Ratio Lower Upper

42 100

72 0.0 31.7 47.5#

71 19.9 29.6 44.4#



#30

Chloroform

Concen: 1.241 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027116.D

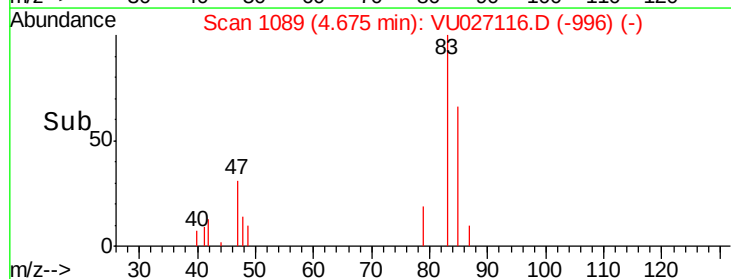
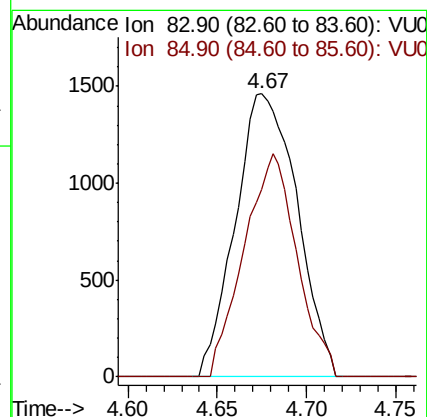
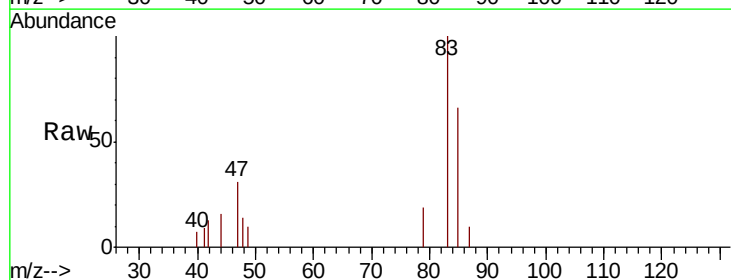
Acq: 24 Sep 2018 18:04

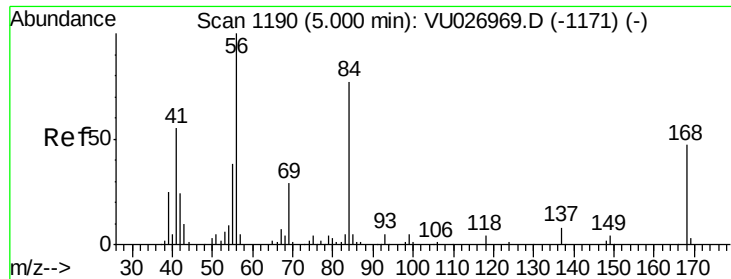
Tgt Ion: 83 Resp: 3527

Ion Ratio Lower Upper

83 100

85 66.2 51.5 77.3

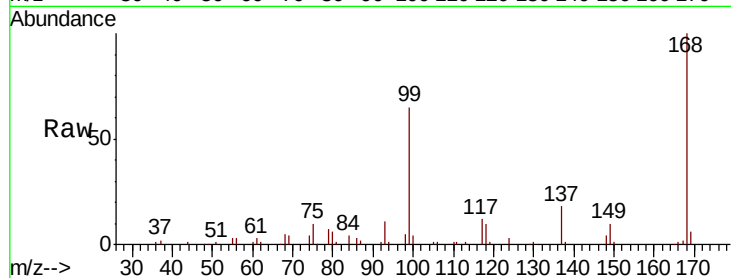




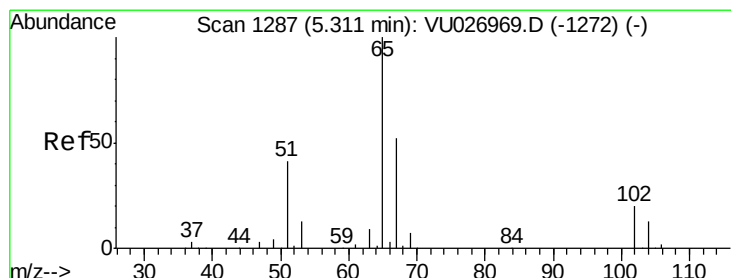
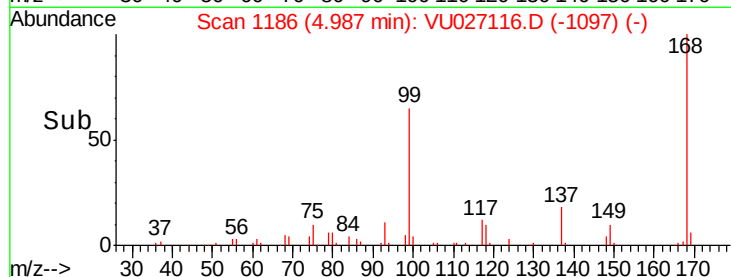
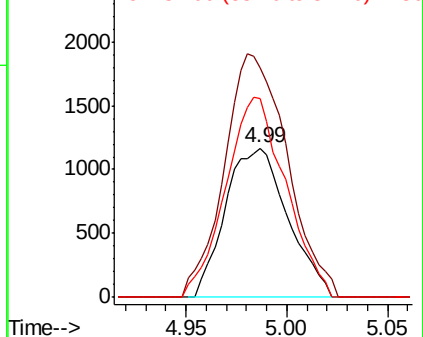
#31
Cyclohexane
Concen: 0.334 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

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Tgt Ion: 56 Resp: 2520
Ion Ratio Lower Upper
56 100
69 153.4 23.0 34.4#
84 133.4 61.4 92.2#

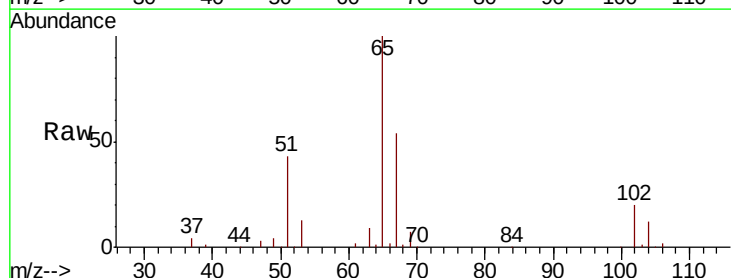


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

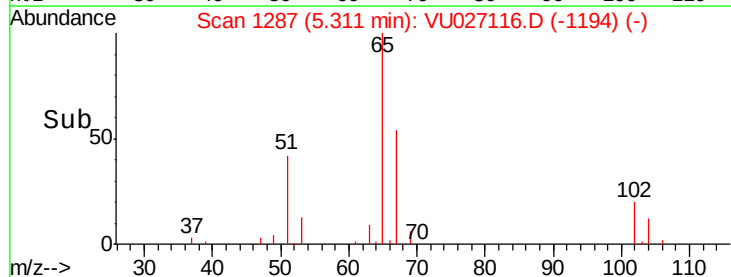
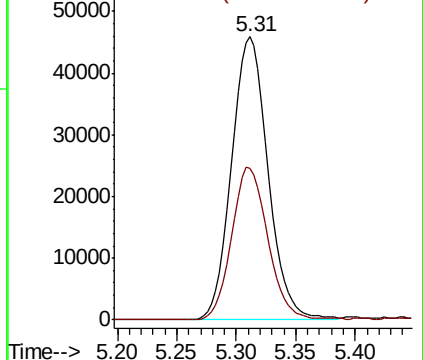


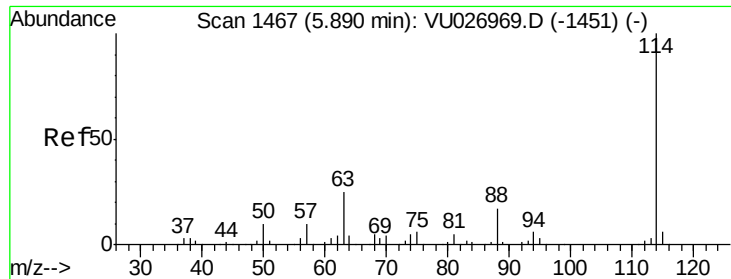
#33
1,2-Dichloroethane-d4
Concen: 52.217 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

Tgt Ion: 65 Resp: 97489
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

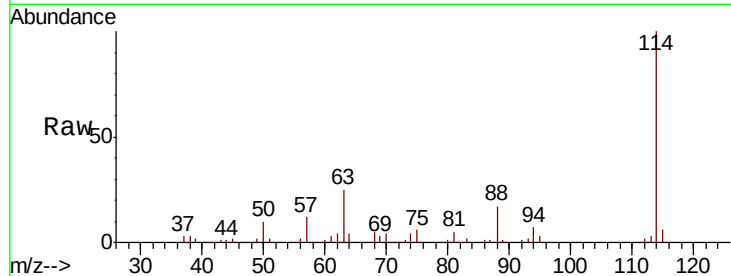




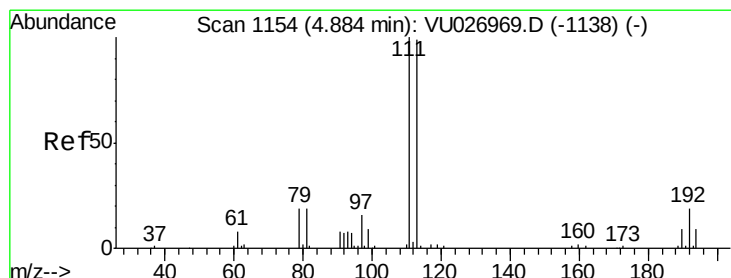
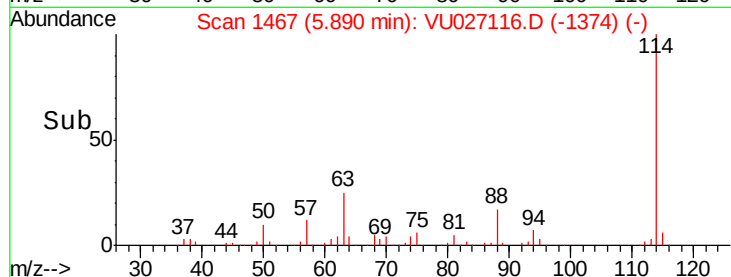
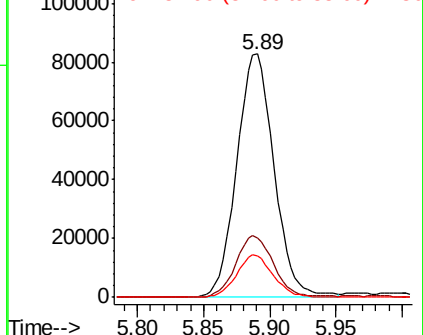
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

Tgt Ion:114 Resp: 162007
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 17.2 0.0 33.8

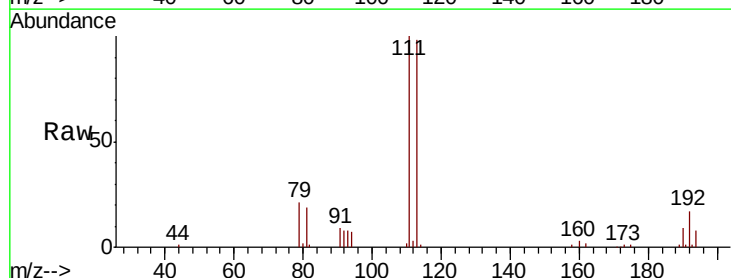


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

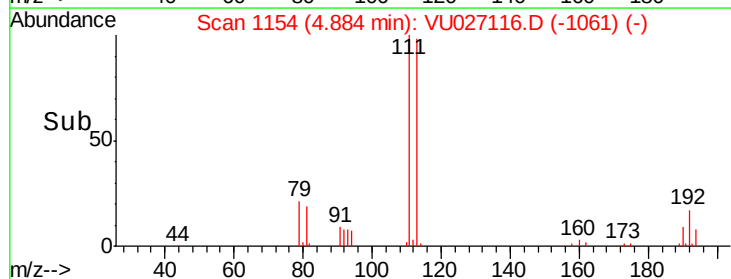
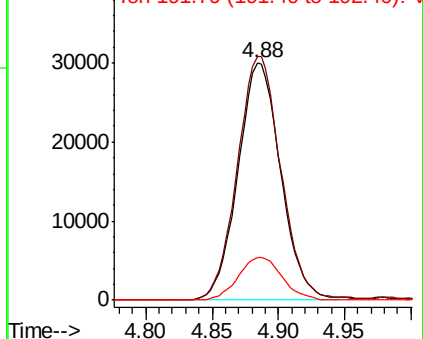


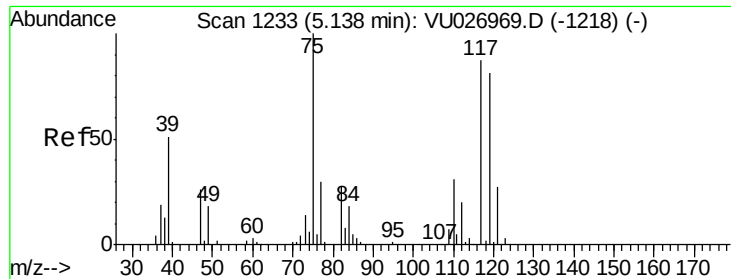
#35
 Dibromofluoromethane
 Concen: 47.859 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

Tgt Ion:113 Resp: 67208
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.2 123.4
 192 18.3 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

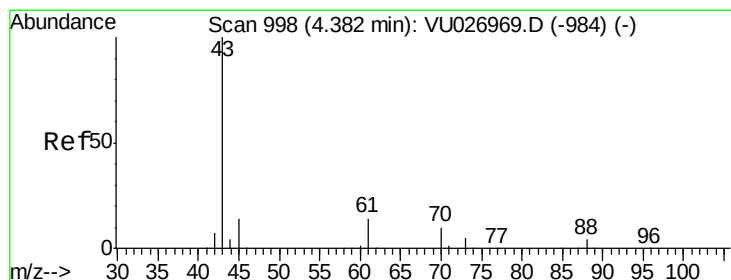
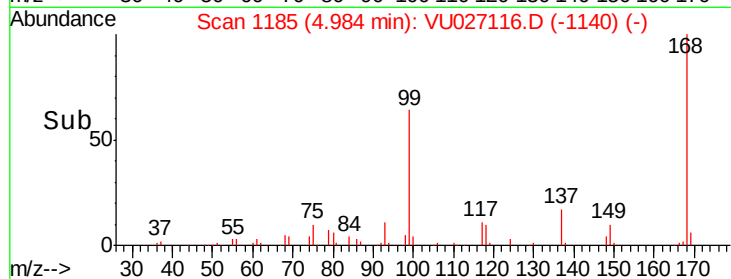
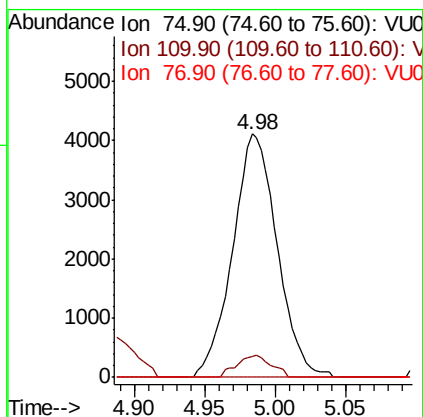
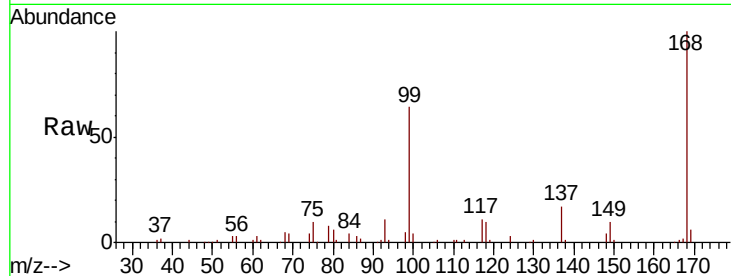




#36
 1,1-Dichloropropene
 Concen: 4.205 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

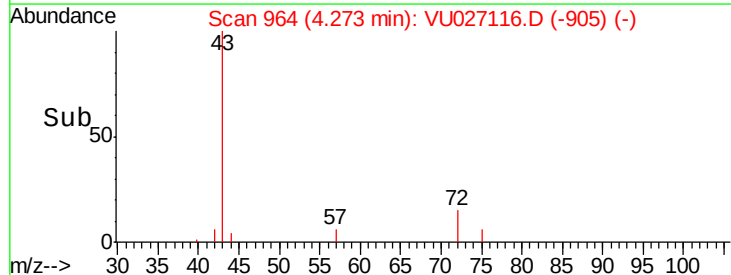
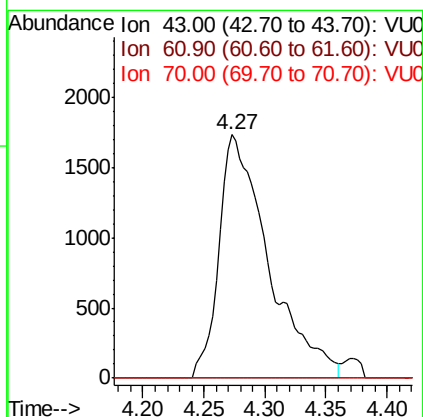
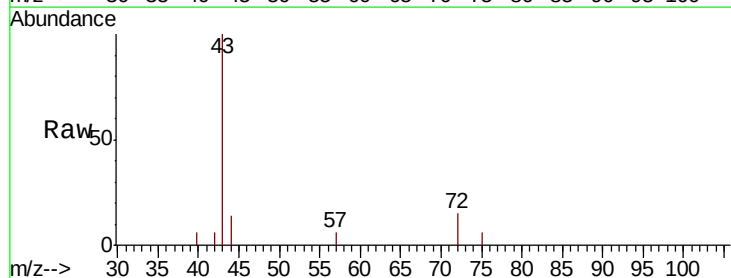
Instrument :
 MSVOA_U
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

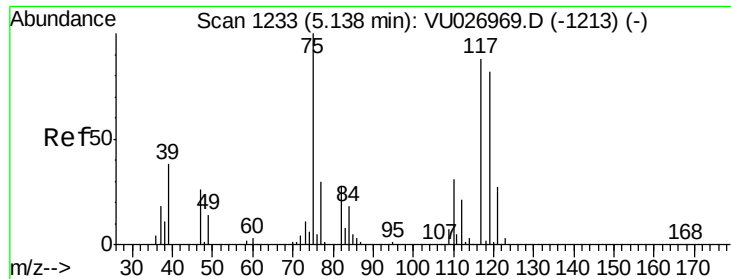
Tgt Ion: 75 Resp: 9092
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.1 48.2#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 1.682 ug/l
 RT: 4.27 min Scan# 964
 Delta R.T. -0.11 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

Tgt Ion: 43 Resp: 4924
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.5 15.7#
 70 0.0 7.4 11.0#





#38

Carbon Tetrachloride

Concen: 4.917 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

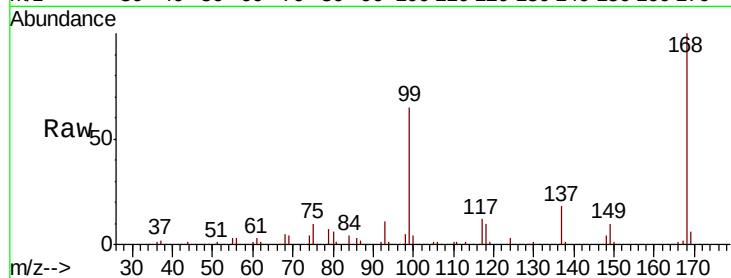
Tgt Ion:117 Resp: 10118

Ion Ratio Lower Upper

117 100

119 5.8 74.4 111.6#

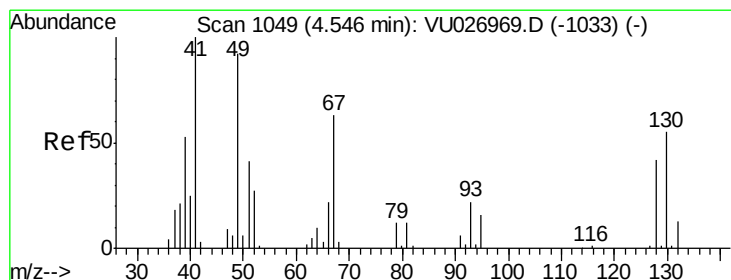
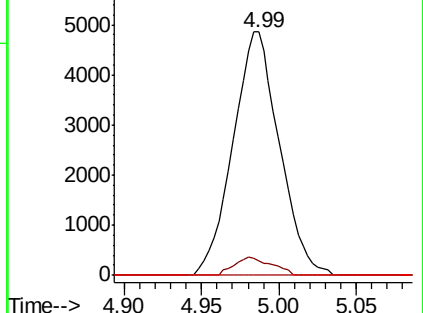
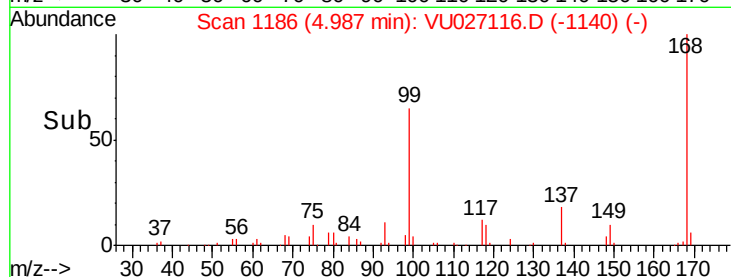
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.283 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. 0.12 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

Tgt Ion: 41 Resp: 430

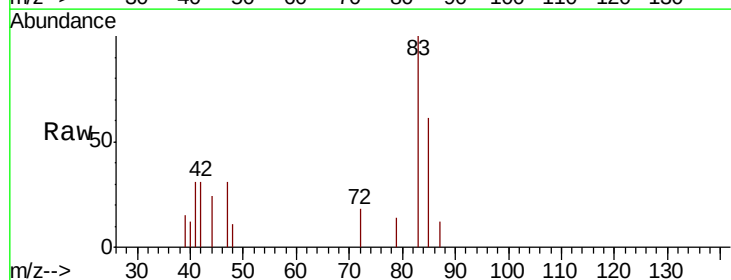
Ion Ratio Lower Upper

41 100

39 34.4 42.9 64.3#

67 0.0 52.4 78.6#

52 0.0 21.3 31.9#

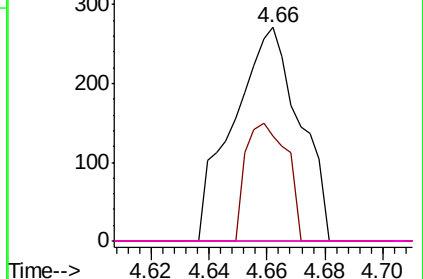
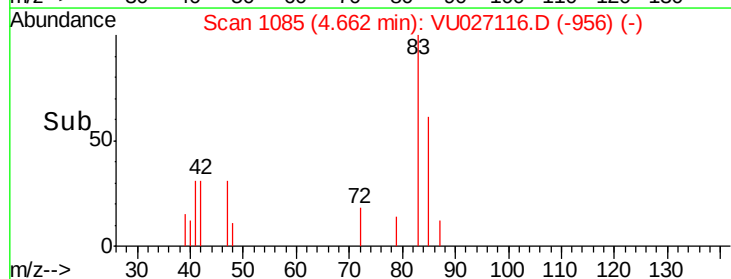


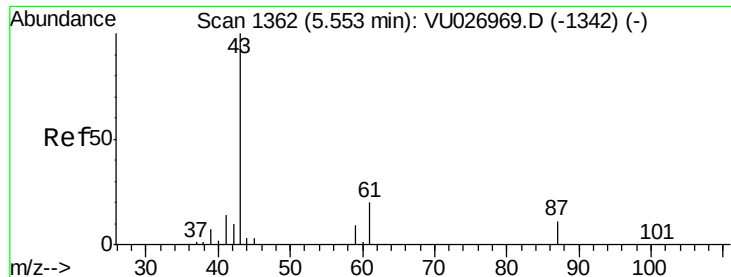
Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#43

Isopropyl Acetate

Concen: 23.667 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

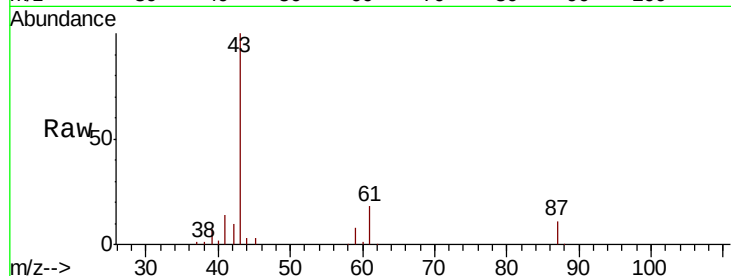
Tgt Ion: 43 Resp: 101025

Ion Ratio Lower Upper

43 100

61 18.2 15.7 23.5

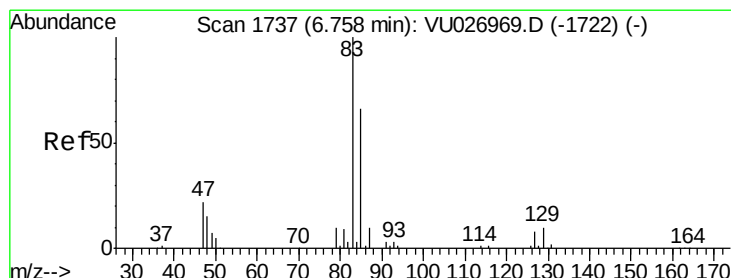
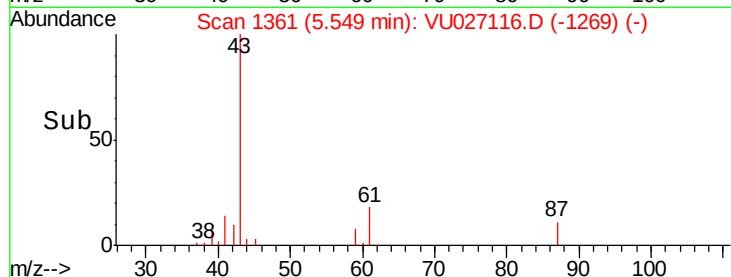
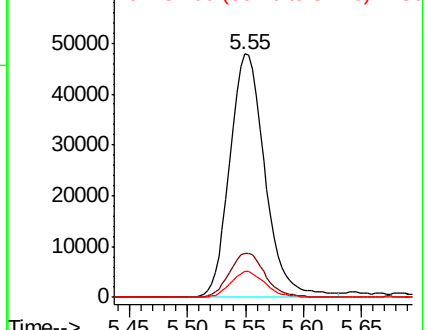
87 10.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#47

Bromodichloromethane

Concen: 0.387 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

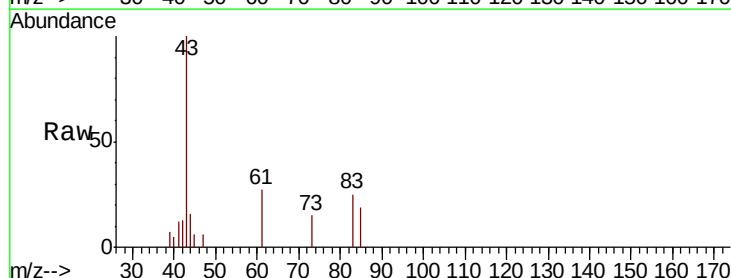
Tgt Ion: 83 Resp: 885

Ion Ratio Lower Upper

83 100

85 75.4 52.5 78.7

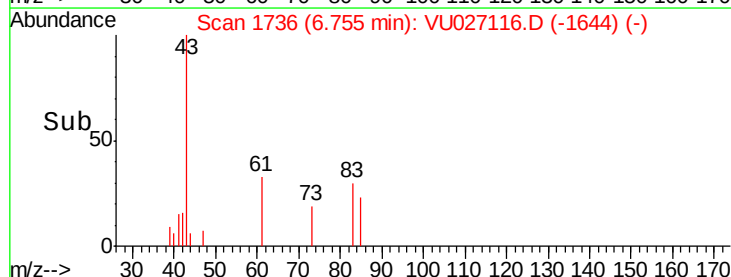
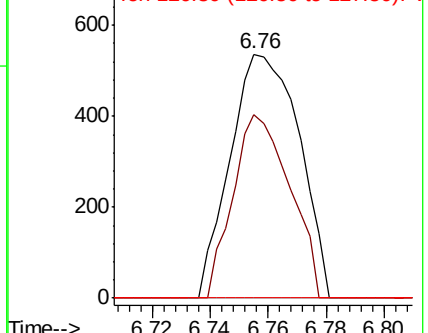
127 0.0 6.3 9.5#

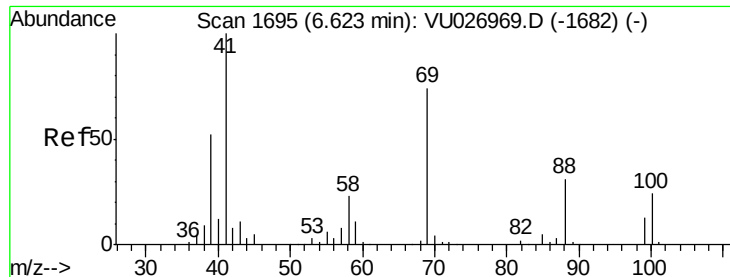


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V

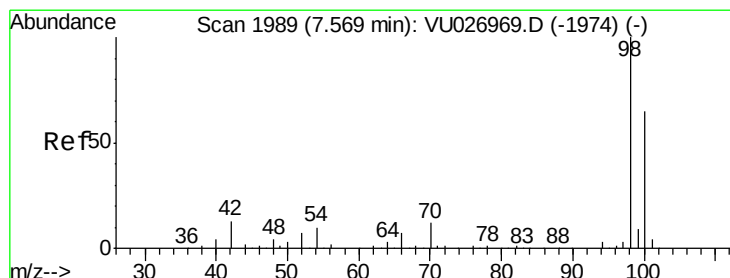
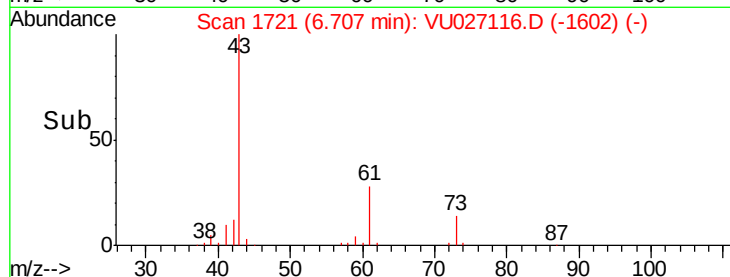
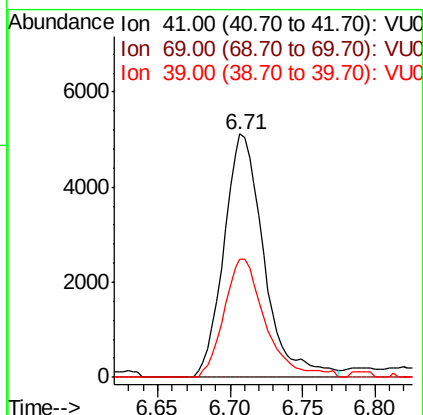
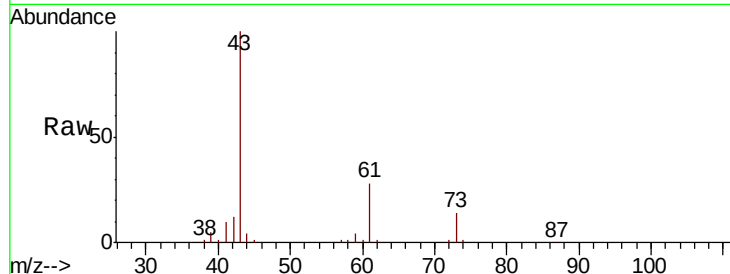




#48
Methyl methacrylate
Concen: 5.141 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.08 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

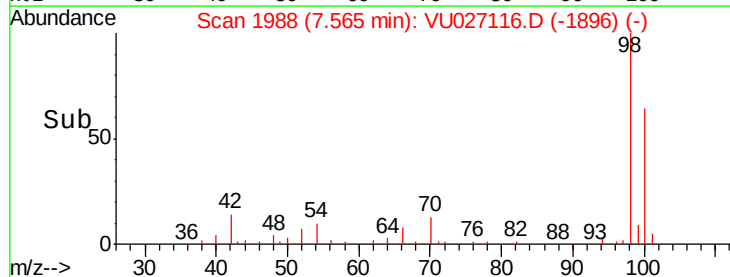
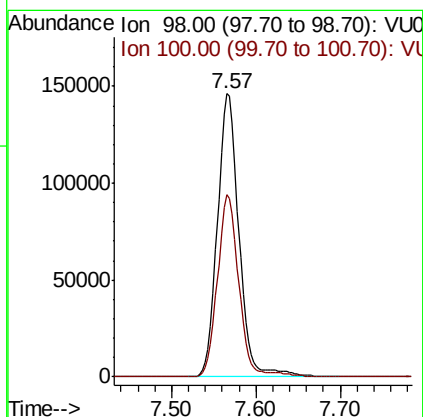
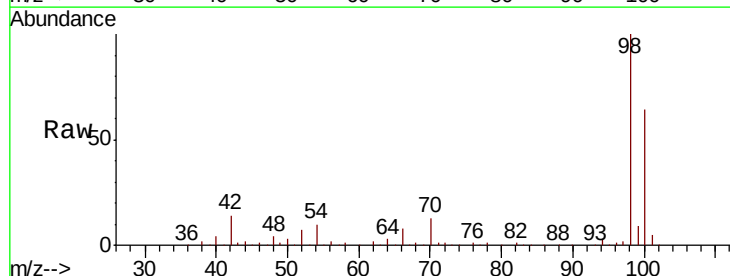
Instrument :
MSVOA_U
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

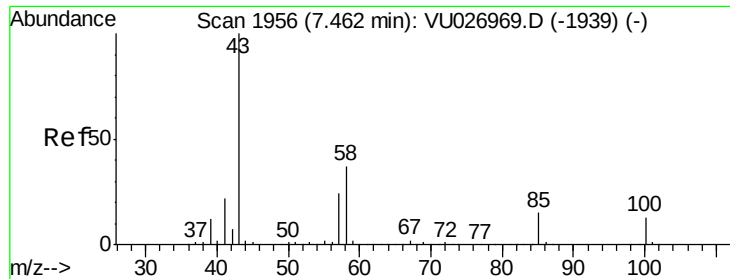
Tgt Ion: 41 Resp: 9792
Ion Ratio Lower Upper
41 100
69 0.0 60.6 90.8#
39 49.9 42.8 64.2



#50
Toluene-d8
Concen: 48.685 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

Tgt Ion: 98 Resp: 260553
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

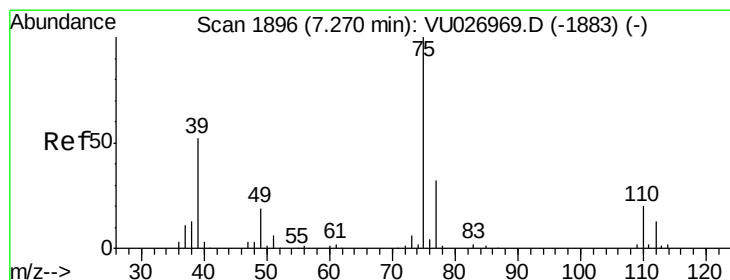
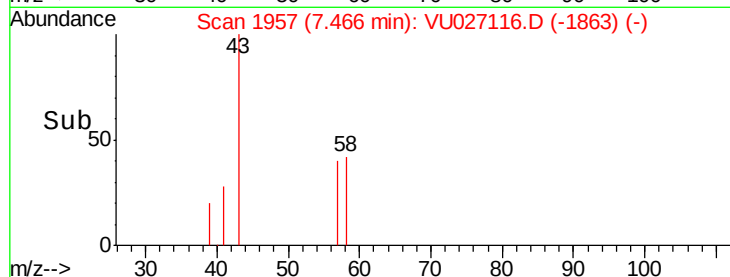
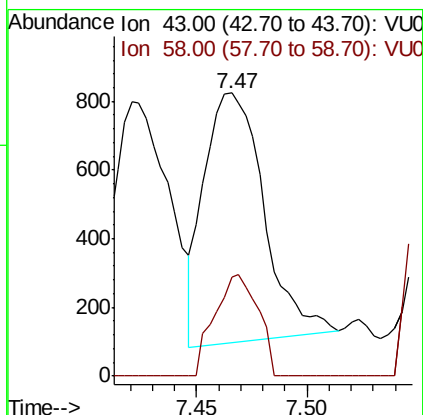
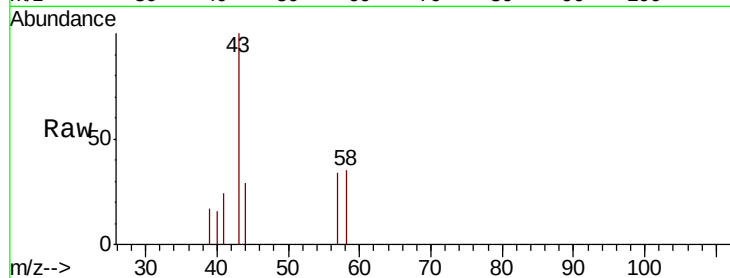




#51
 4-Methyl-2-Pentanone
 Concen: 0.473 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

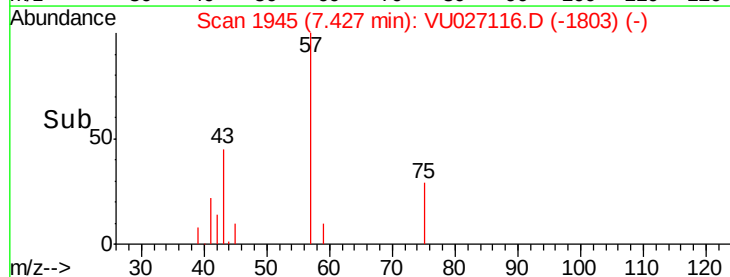
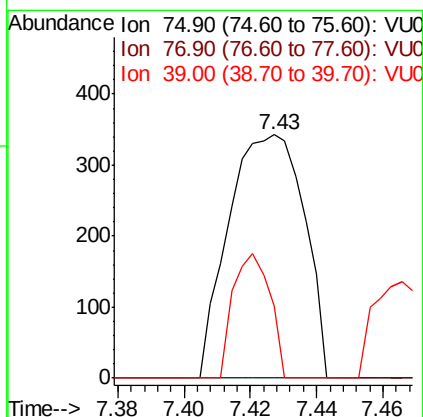
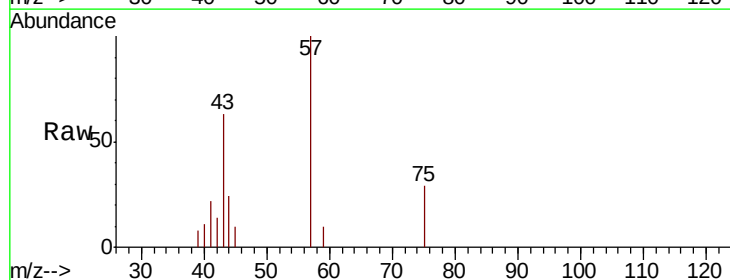
Instrument :
 MSVOA_U
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

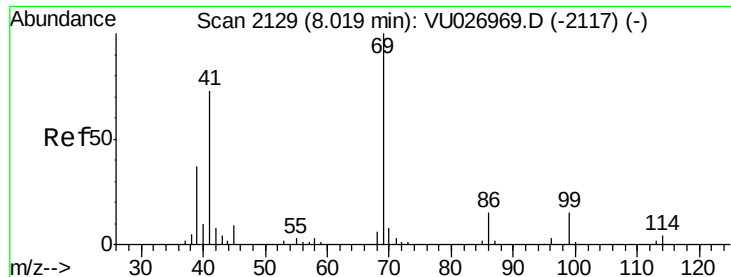
Tgt Ion: 43 Resp: 1359
 Ion Ratio Lower Upper
 43 100
 58 29.7 29.8 44.6#



#54
 cis-1,3-Dichloropropene
 Concen: 0.201 ug/l
 RT: 7.43 min Scan# 1945
 Delta R.T. 0.16 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

Tgt Ion: 75 Resp: 543
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 29.7 41.6 62.4#





#56

Ethyl methacrylate

Concen: 2.245 ug/l

RT: 7.81 min Scan# 2064

Delta R.T. -0.21 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

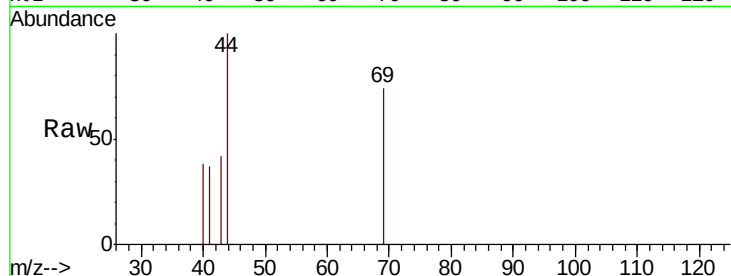
Tgt Ion: 69 Resp: 149

Ion Ratio Lower Upper

69 100

41 56.4 59.0 88.4#

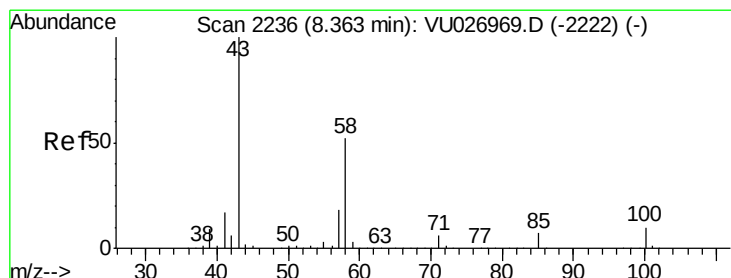
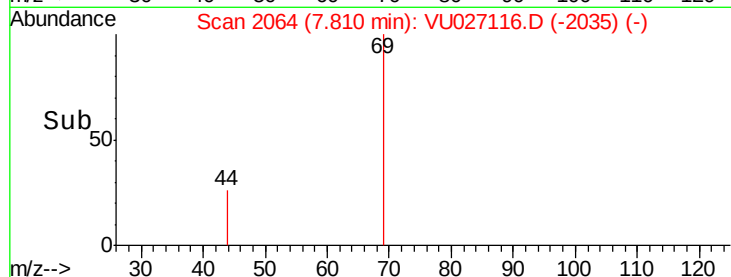
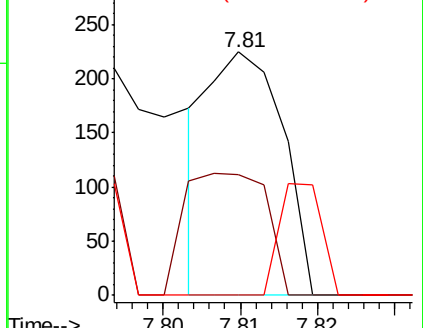
39 26.8 30.2 45.4#



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#59

2-Hexanone

Concen: 0.327 ug/l

RT: 8.38 min Scan# 2242

Delta R.T. 0.02 min

Lab File: VU027116.D

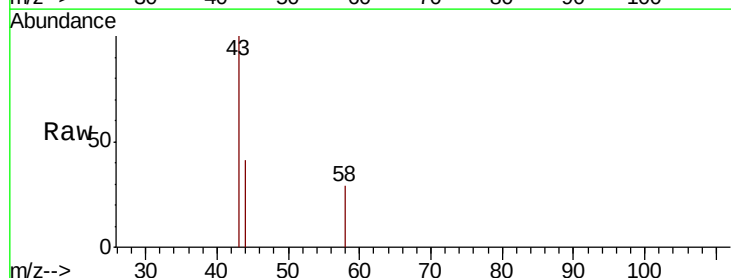
Acq: 24 Sep 2018 18:04

Tgt Ion: 43 Resp: 734

Ion Ratio Lower Upper

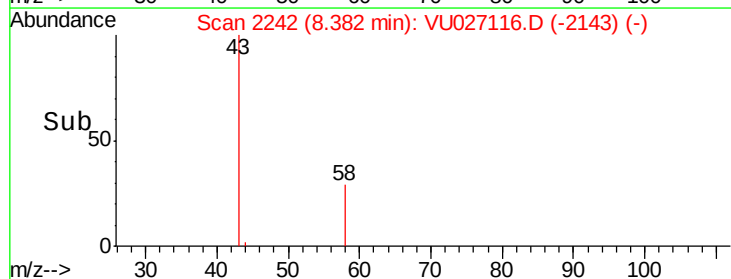
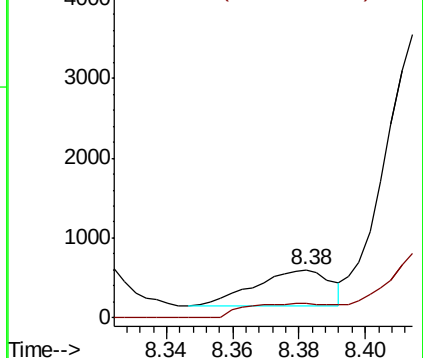
43 100

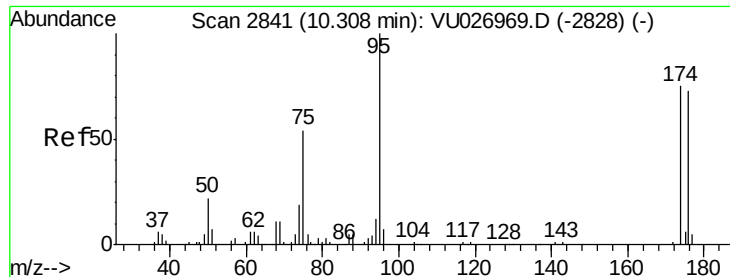
58 41.4 26.1 78.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

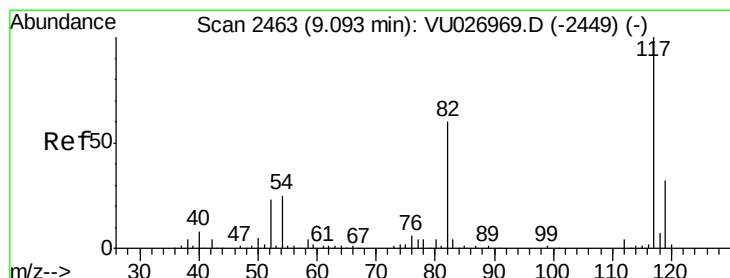
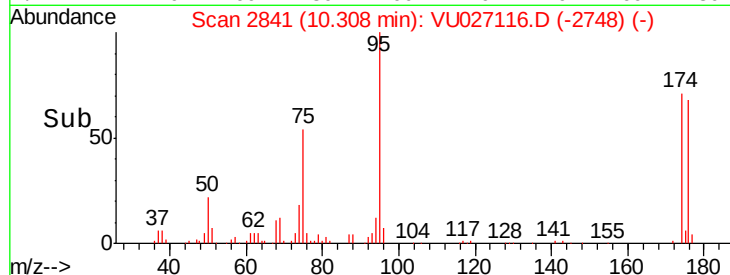
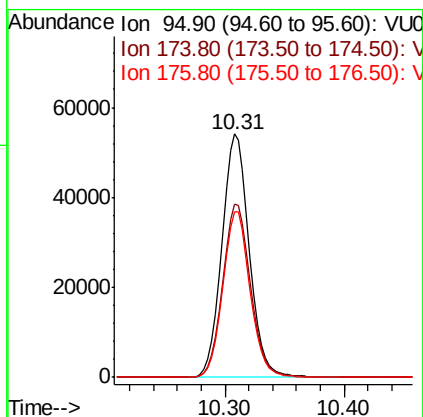
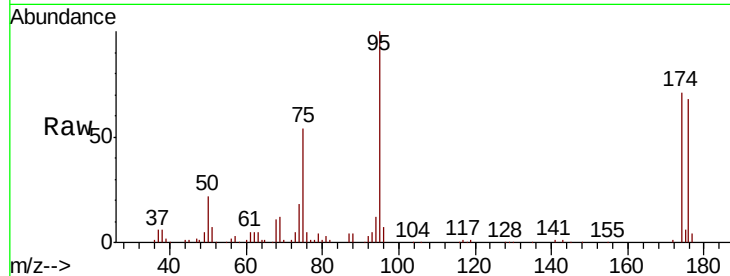




#62
 4-Bromofluorobenzene
 Concen: 46.776 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

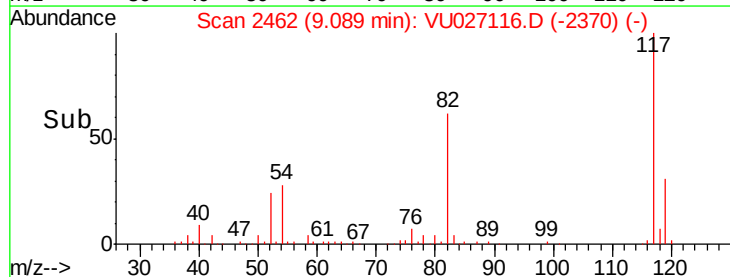
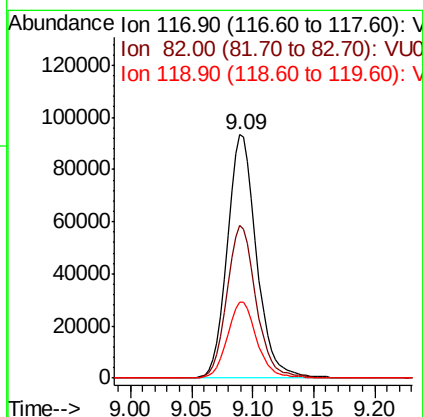
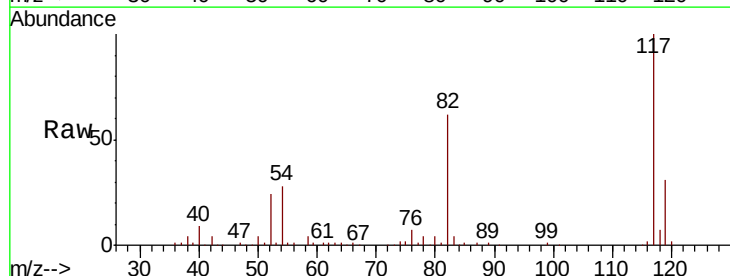
Instrument :
 MSVOA_U
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

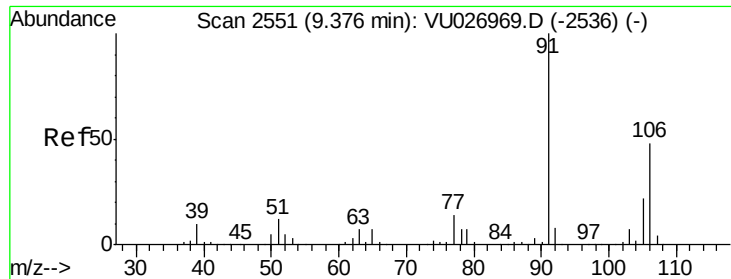
Tgt Ion: 95 Resp: 85898
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 150.2
 176 68.1 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027116.D
 Acq: 24 Sep 2018 18:04

Tgt Ion: 117 Resp: 156438
 Ion Ratio Lower Upper
 117 100
 82 62.5 48.0 72.0
 119 31.2 25.8 38.8

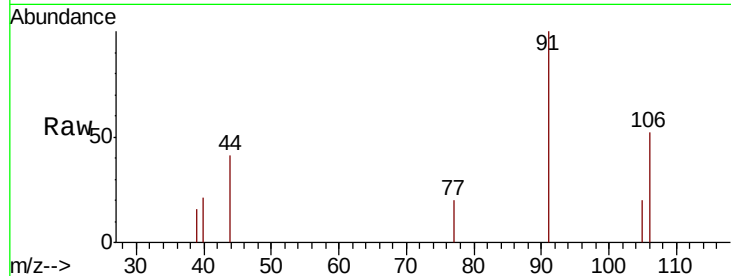




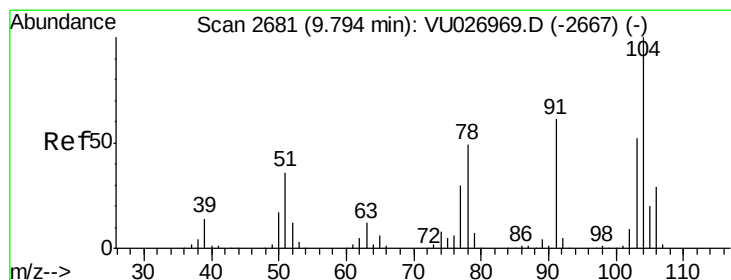
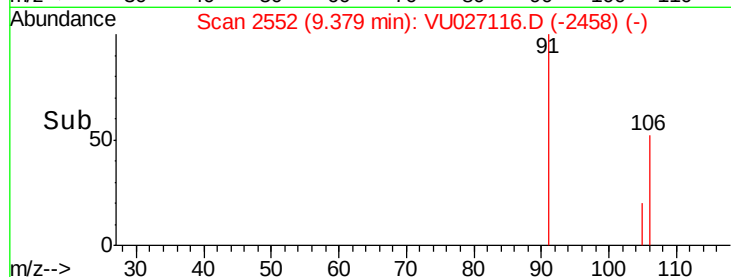
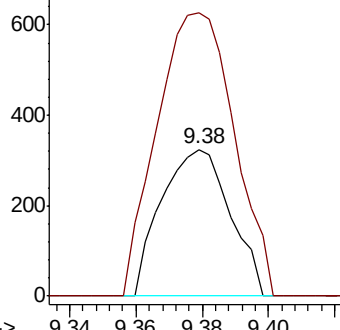
#68
m/p-Xylenes
Concen: 1.667 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

Instrument :
MSVOA_U
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tgt Ion:106 Resp: 467
Ion Ratio Lower Upper
106 100
91 216.3 166.5 249.7

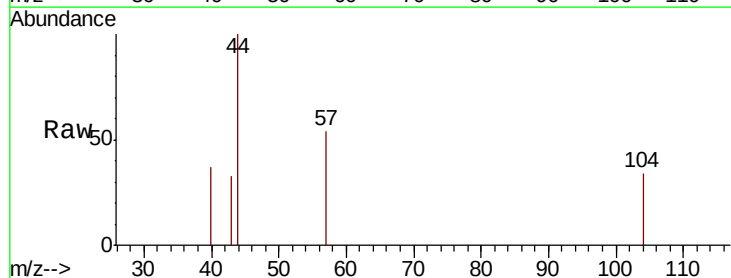


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

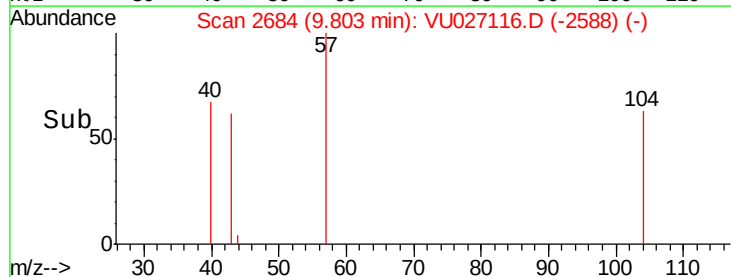
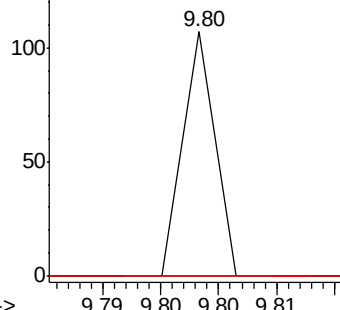


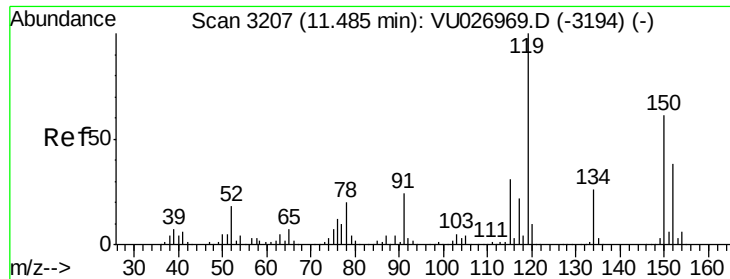
#70
Styrene
Concen: 1.814 ug/l
RT: 9.80 min Scan# 2684
Delta R.T. 0.01 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

Tgt Ion:104 Resp: 21
Ion Ratio Lower Upper
104 100
78 0.0 43.0 64.4#
103 0.0 44.1 66.1#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

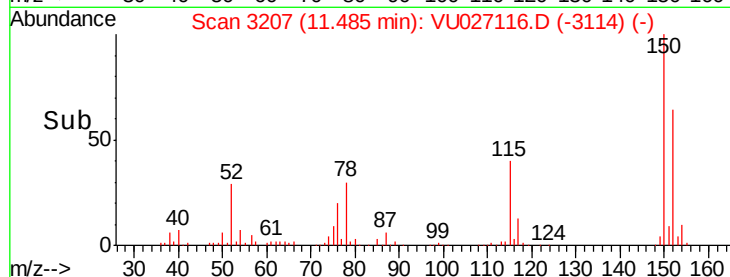
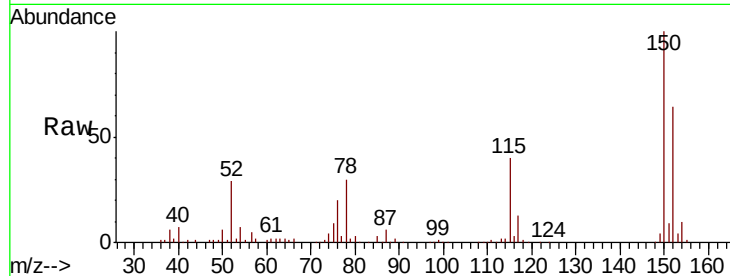
Tgt Ion:152 Resp: 74324

Ion Ratio Lower Upper

152 100

115 62.4 44.9 134.5

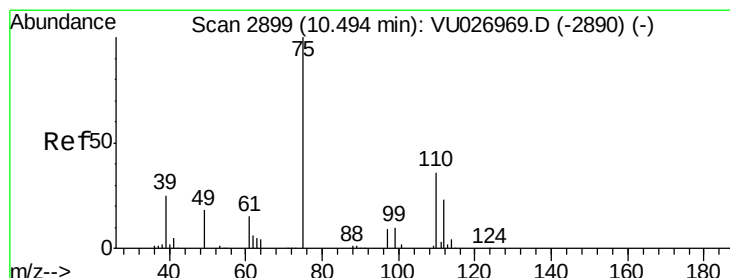
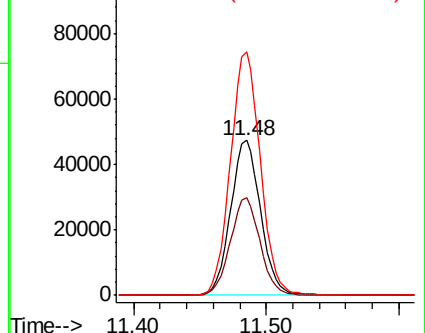
150 157.3 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 20.628 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027116.D

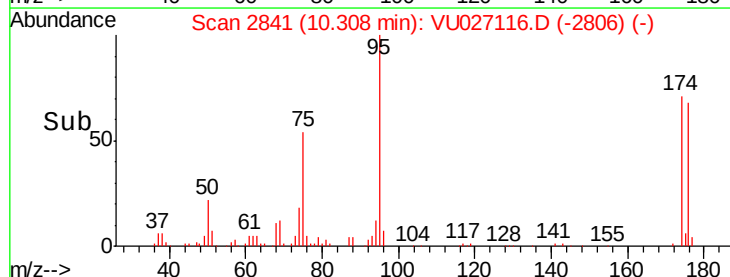
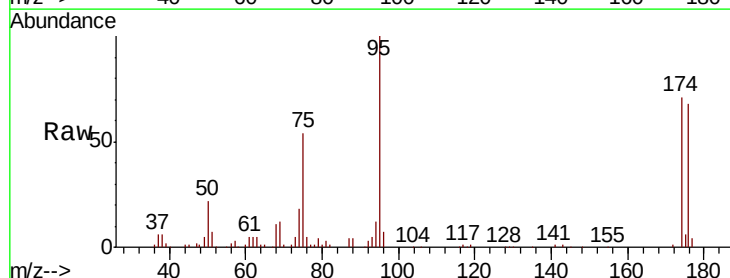
Acq: 24 Sep 2018 18:04

Tgt Ion: 75 Resp: 46576

Ion Ratio Lower Upper

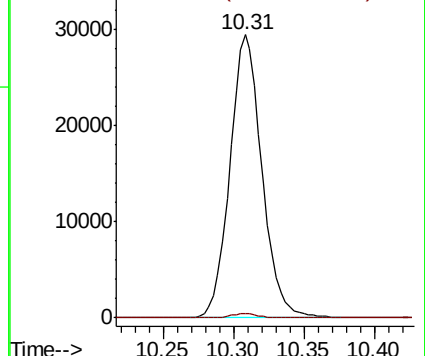
75 100

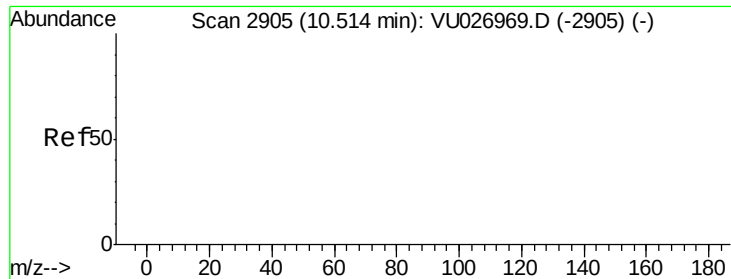
77 1.2 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

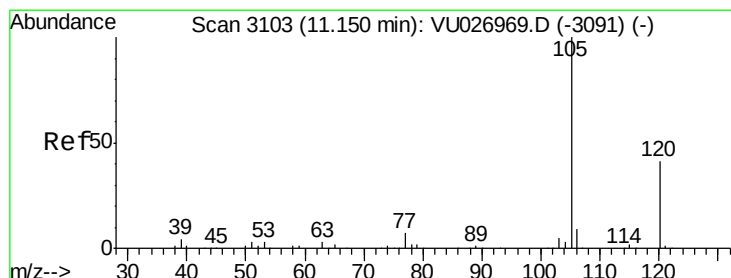
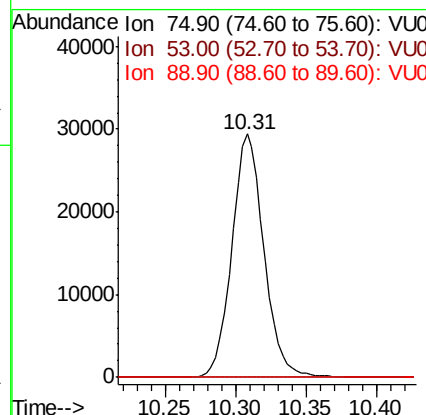
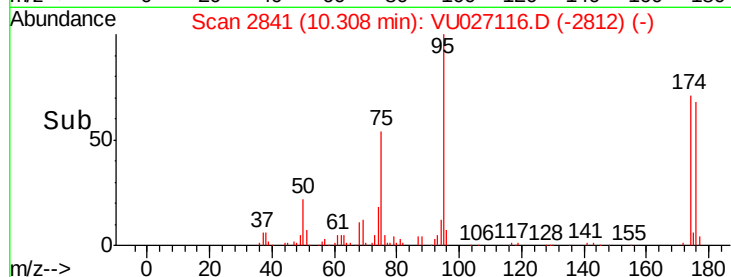
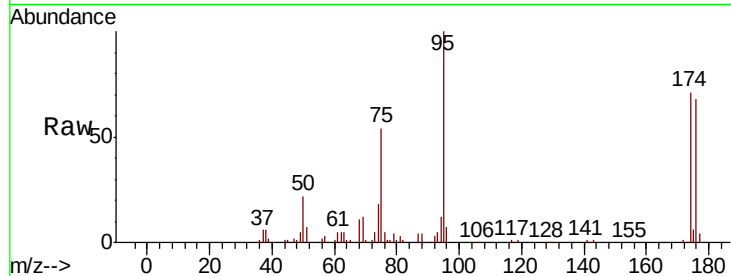




#81
trans-1,4-Dichloro-2-butene
Concen: 66.012 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

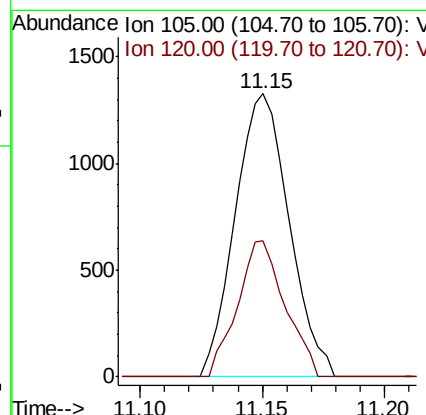
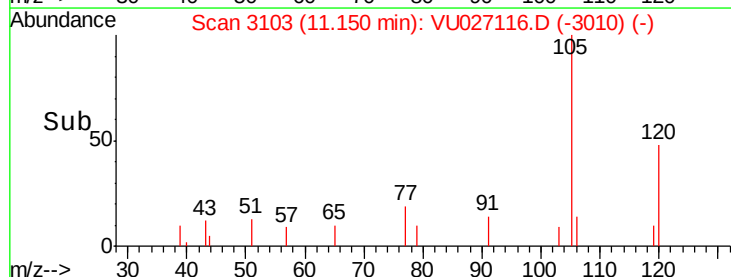
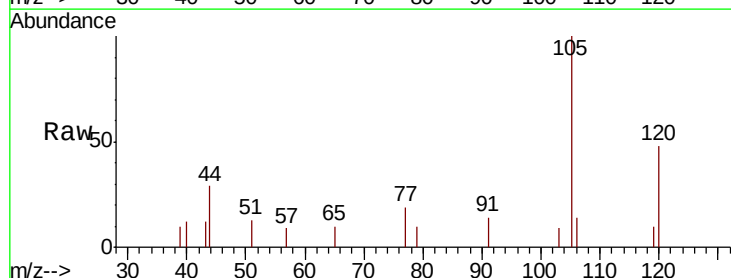
Instrument :
MSVOA_U
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

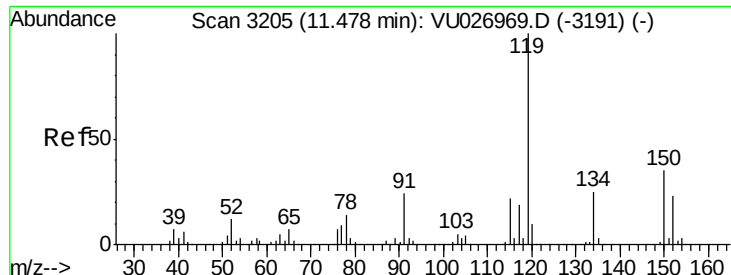
Tgt Ion: 75 Resp: 46576
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#84
1,2,4-Trimethylbenzene
Concen: 0.429 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

Tgt Ion: 105 Resp: 2036
Ion Ratio Lower Upper
105 100
120 42.3 22.4 67.2

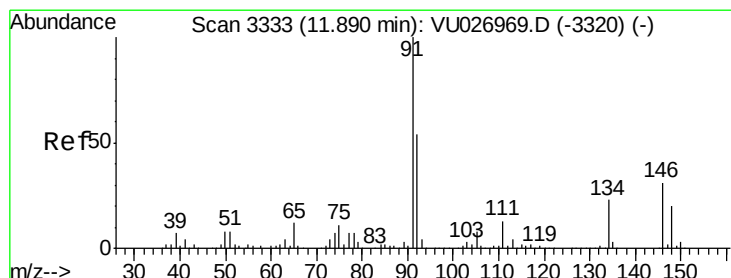
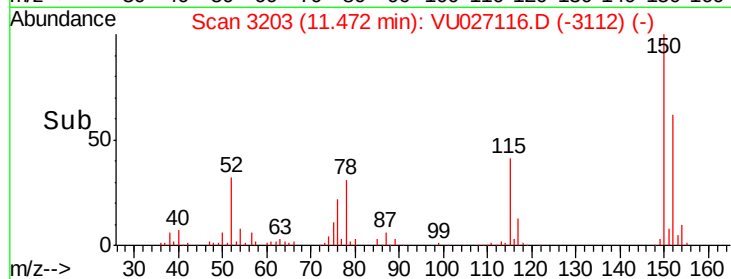
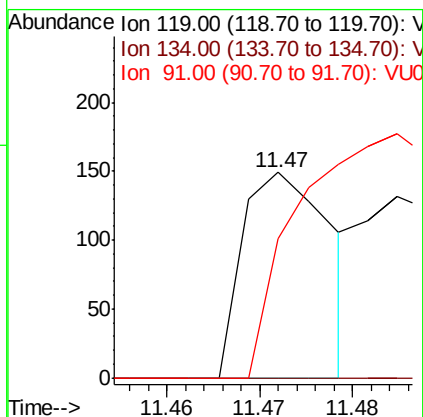
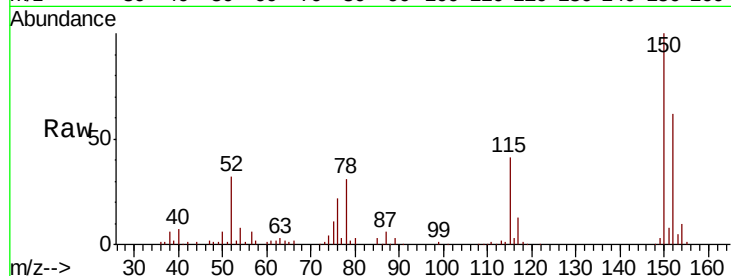




#86
p-Isopropyltoluene
Concen: 0.946 ug/l
RT: 11.47 min Scan# 3203
Delta R.T. -0.01 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

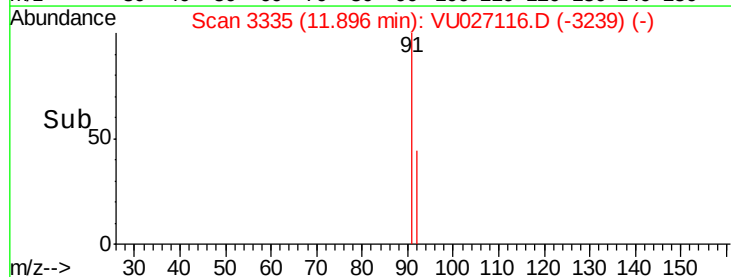
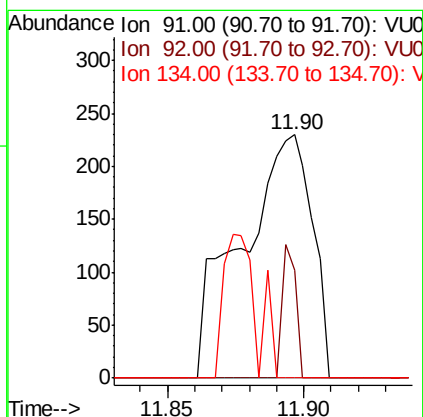
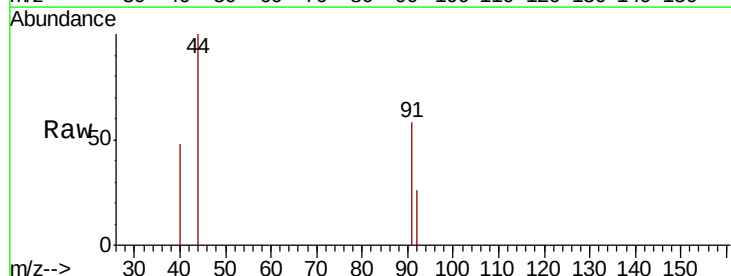
Instrument :
MSVOA_U
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

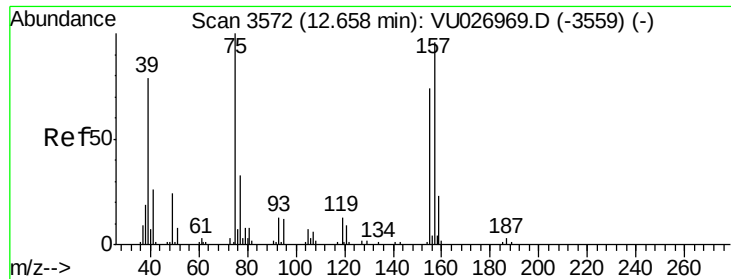
Tgt Ion: 119 Resp: 99
Ion Ratio Lower Upper
119 100
134 0.0 12.8 38.3#
91 247.5 12.3 36.8#



#89
n-Butylbenzene
Concen: 2.470 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027116.D
Acq: 24 Sep 2018 18:04

Tgt Ion: 91 Resp: 416
Ion Ratio Lower Upper
91 100
92 10.6 27.1 81.2#
134 0.0 11.7 35.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.562 ug/l

RT: 12.48 min Scan# 3516

Delta R.T. -0.18 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

CB-0918-S-TCLP-GRID56-3

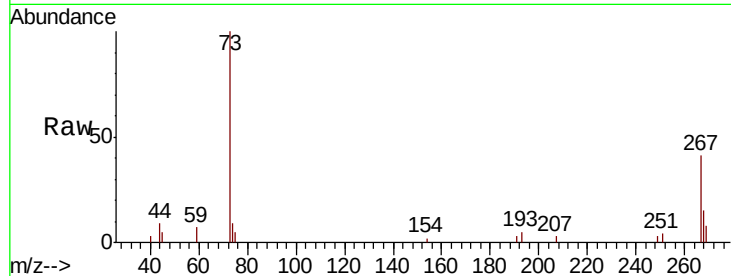
Tgt Ion: 75 Resp: 298

Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.8#

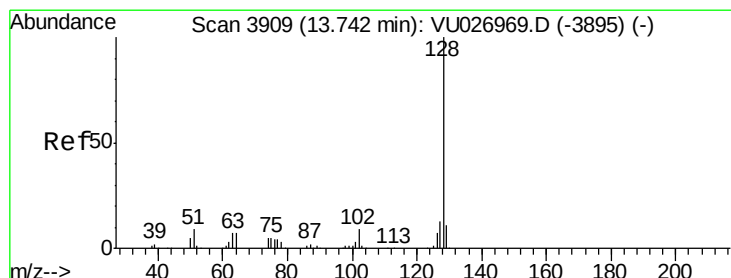
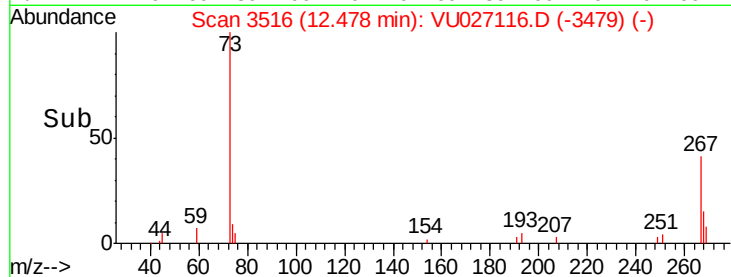
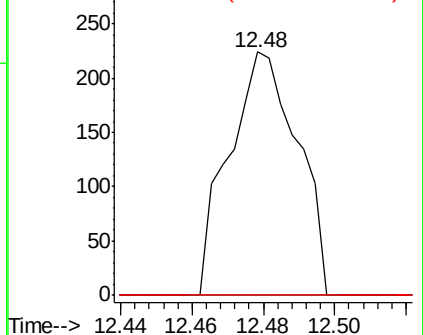
157 0.0 47.4 142.2#



Abundance Ion 74.90 (74.60 to 75.60): VU027116.D (-3479) (-)

Ion 154.80 (154.50 to 155.50): VU027116.D (-3479) (-)

Ion 156.80 (156.50 to 157.50): VU027116.D (-3479) (-)



#95

Naphthalene

Concen: 27.240 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027116.D

Acq: 24 Sep 2018 18:04

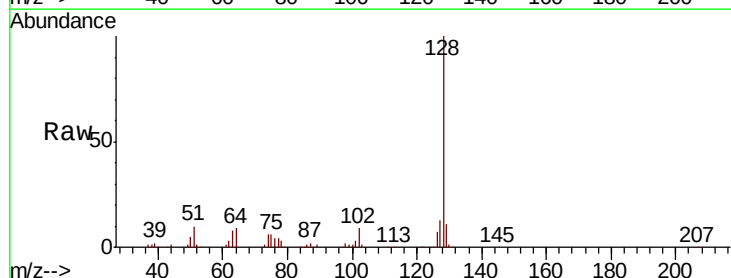
Tgt Ion: 128 Resp: 162721

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VU027116.D (-3815) (-)

Ion 127.00 (126.70 to 127.70): VU027116.D (-3815) (-)

Ion 129.00 (128.70 to 129.70): VU027116.D (-3815) (-)

