

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027400.D
 Acq On : 04 Oct 2018 11:59
 Operator : MD/SY
 Sample : J5084-13 50X
 Misc : 5.76g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(12-12.5)

Quant Time: Oct 05 03:13:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	103659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	177204	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90917	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	102662	59.31	ug/l	0.00
Spiked Amount			Recovery	=	118.62%	
35) Dibromofluoromethane	4.88	113	73077	60.17	ug/l	0.00
Spiked Amount			Recovery	=	120.34%	
50) Toluene-d8	7.57	98	272471	59.95	ug/l	0.00
Spiked Amount			Recovery	=	119.90%	
62) 4-Bromofluorobenzene	10.31	95	97539	57.74	ug/l	0.00
Spiked Amount			Recovery	=	115.48%	

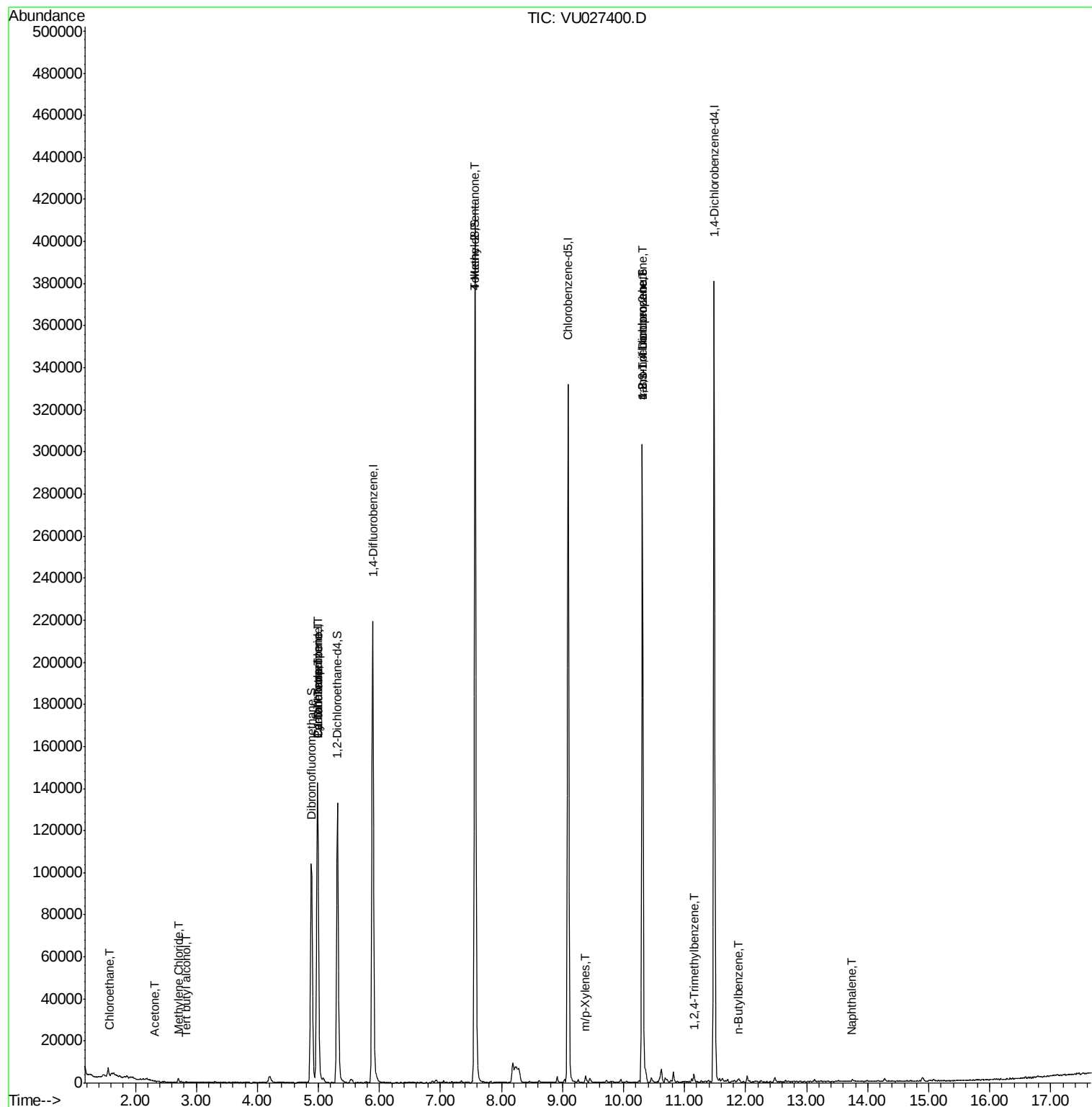
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.58	64	1839	1.609	ug/l #	44
11) Tert butyl alcohol	2.83	59	231	0.634	ug/l #	72
16) Acetone	2.32	43	562	0.550	ug/l #	44
20) Methylene Chloride	2.70	84	844	0.593	ug/l	82
31) Cyclohexane	4.99	56	2602	0.703	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9523	4.949	ug/l #	49
38) Carbon Tetrachloride	4.99	117	10946	6.298	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1372	0.547	ug/l #	1
68) m/p-Xylenes	9.38	106	906	0.389	ug/l	83
76) 1,2,3-Trichloropropane	10.31	75	52264	22.176	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	52264	58.037	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	2164	0.394	ug/l	92
89) n-Butylbenzene	11.89	91	1063	2.121	ug/l #	64
95) Naphthalene	13.75	128	1580	1.882	ug/l #	83

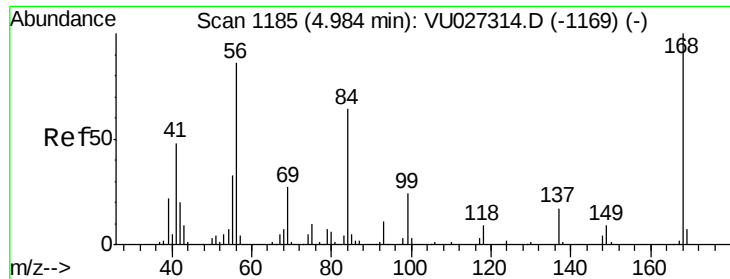
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027400.D
Acq On : 04 Oct 2018 11:59
Operator : MD/SY
Sample : J5084-13 50X
Misc : 5.76g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
B-11(12-12.5)

Quant Time: Oct 05 03:13:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027400.D

Acq: 04 Oct 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

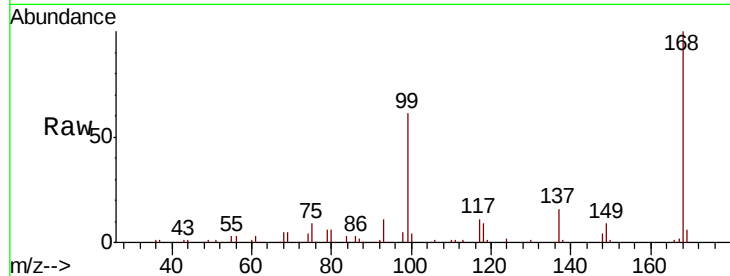
B-11(12-12.5)

Tgt Ion:168 Resp: 103659

Ion Ratio Lower Upper

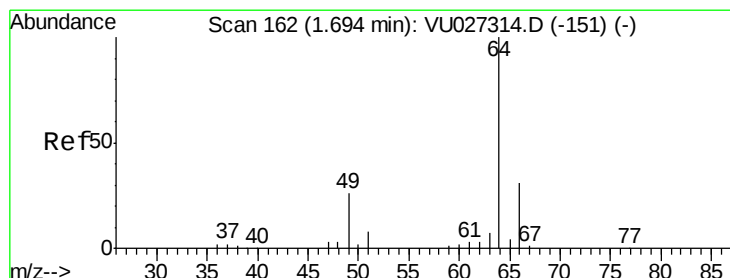
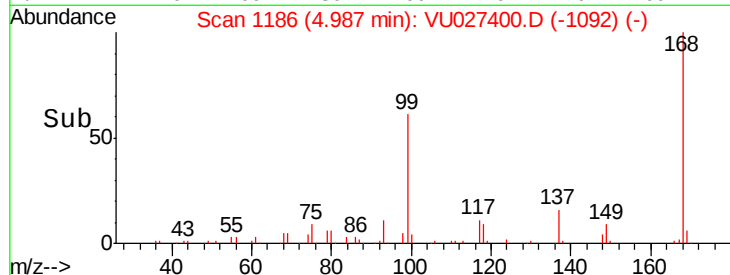
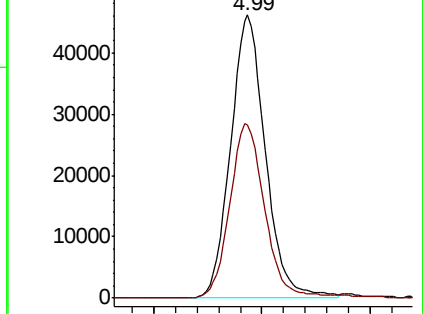
168 100

99 61.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027400.D (-1092) (-)



#6

Chloroethane

Concen: 1.609 ug/l

RT: 1.58 min Scan# 127

Delta R.T. -0.11 min

Lab File: VU027400.D

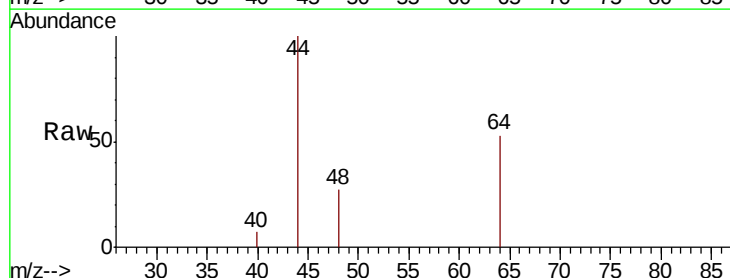
Acq: 04 Oct 2018 11:59

Tgt Ion: 64 Resp: 1839

Ion Ratio Lower Upper

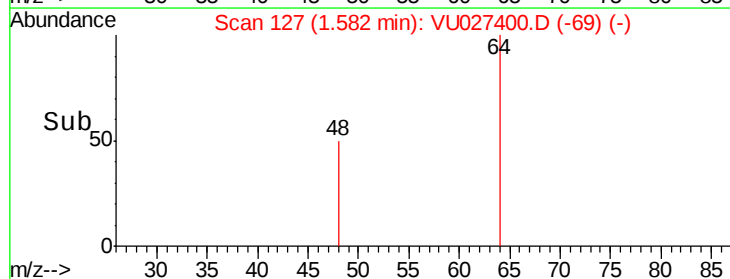
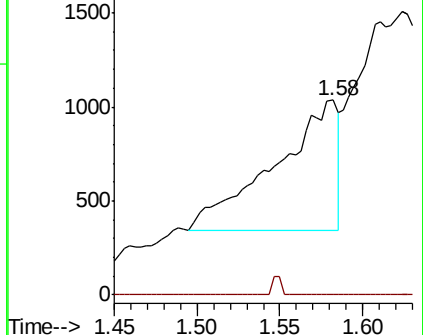
64 100

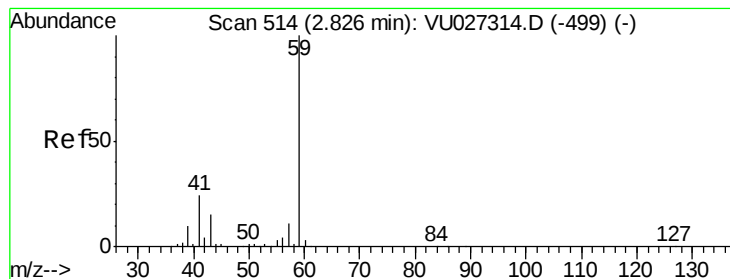
66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027400.D (-69) (-)





#11

Tert butyl alcohol

Concen: 0.634 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027400.D

Acq: 04 Oct 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

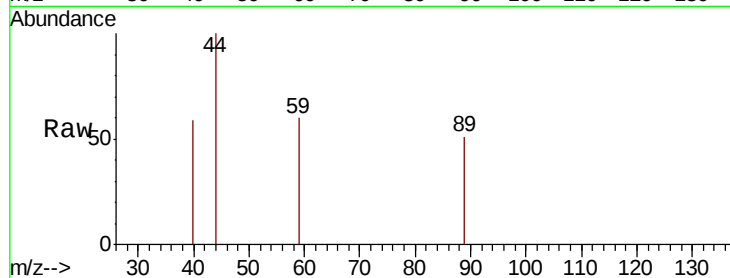
B-11(12-12.5)

Tgt Ion: 59 Resp: 231

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

150

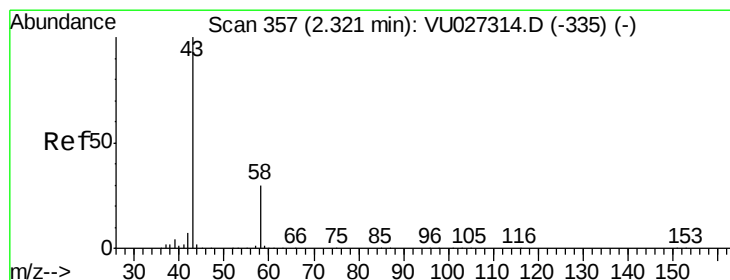
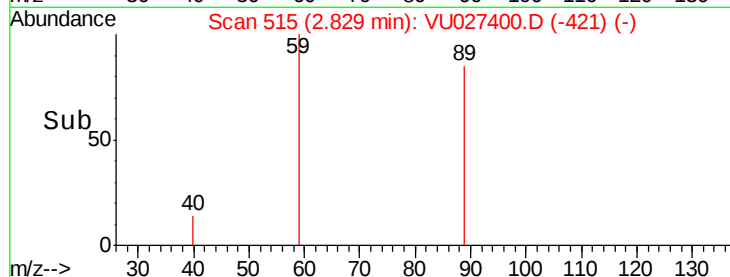
100

50

0

2.80 2.82 2.84

Time-->



#16

Acetone

Concen: 0.550 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027400.D

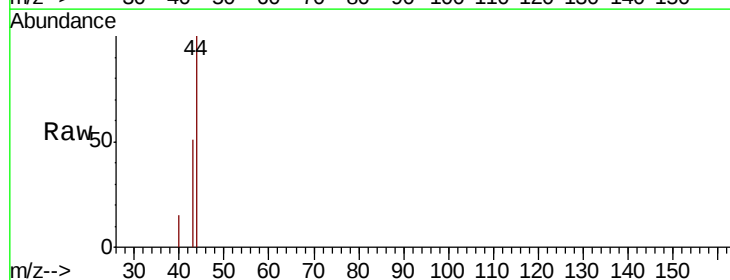
Acq: 04 Oct 2018 11:59

Tgt Ion: 43 Resp: 562

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

400

300

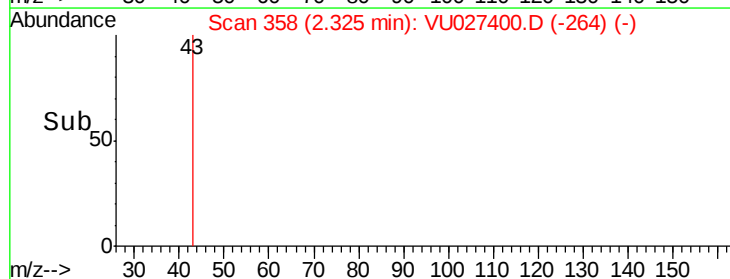
200

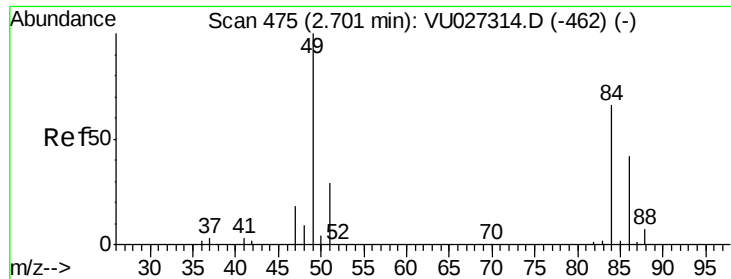
100

0

2.28 2.30 2.32 2.34 2.36

Time-->

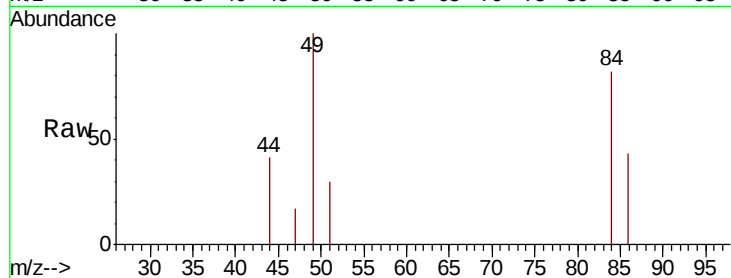




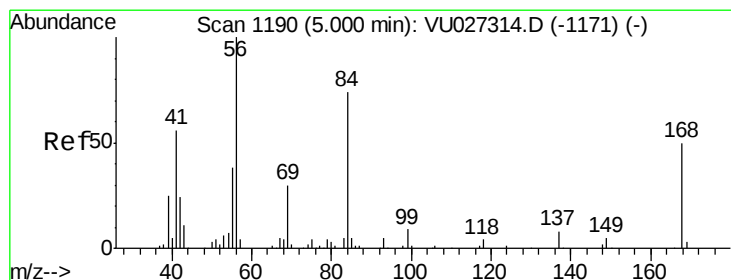
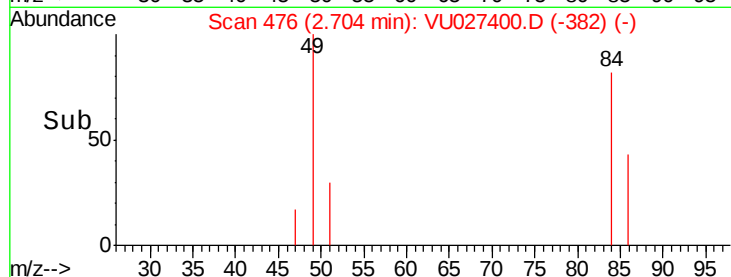
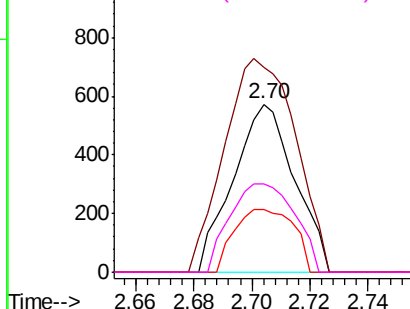
#20
Methylene Chloride
Concen: 0.593 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027400.D
Acq: 04 Oct 2018 11:59

Instrument :
MSVOA_U
ClientSampleId :
B-11(12-12.5)

Tgt Ion: 84 Resp: 844
Ion Ratio Lower Upper
84 100
49 122.2 120.5 180.7
51 37.0 35.1 52.7
86 52.2 50.5 75.7

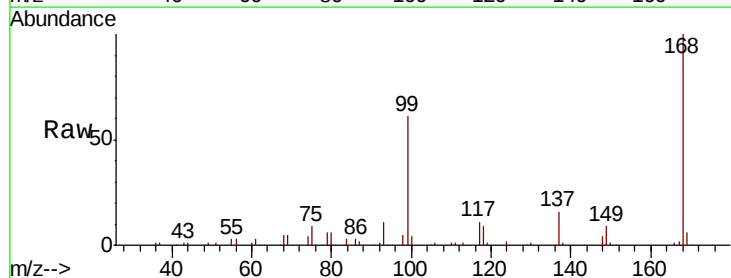


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

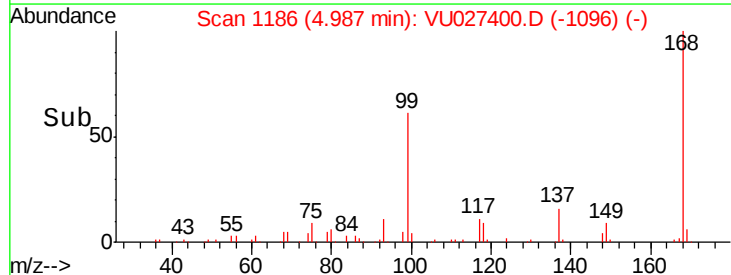
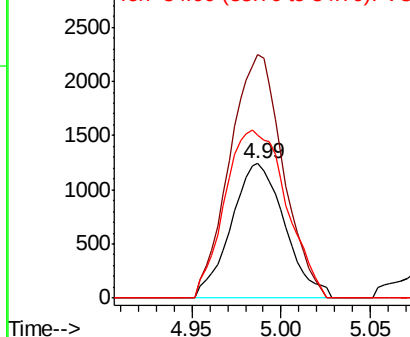


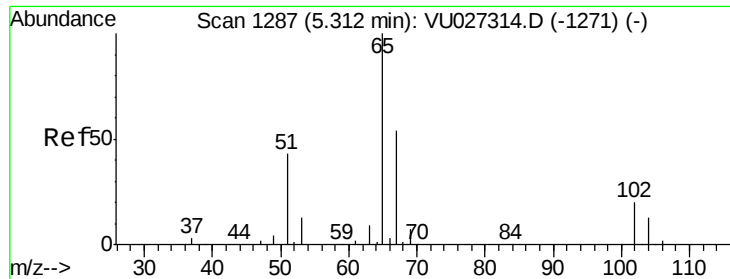
#31
Cyclohexane
Concen: 0.703 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027400.D
Acq: 04 Oct 2018 11:59

Tgt Ion: 56 Resp: 2602
Ion Ratio Lower Upper
56 100
69 181.1 24.1 36.1#
84 121.1 59.1 88.7#



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: 59.311 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027400.D

Acq: 04 Oct 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

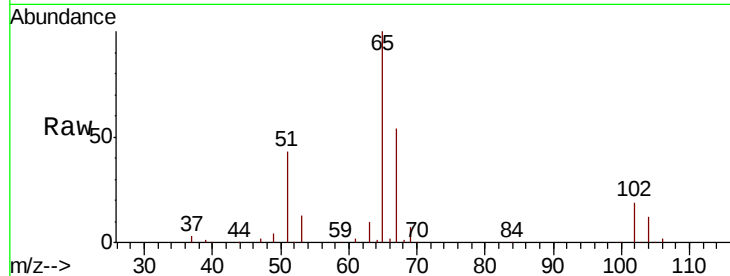
B-11(12-12.5)

Tgt Ion: 65 Resp: 102662

Ion Ratio Lower Upper

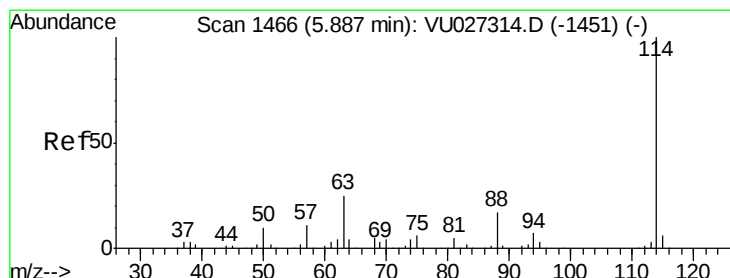
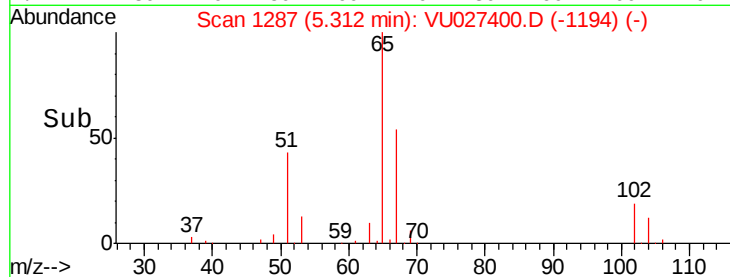
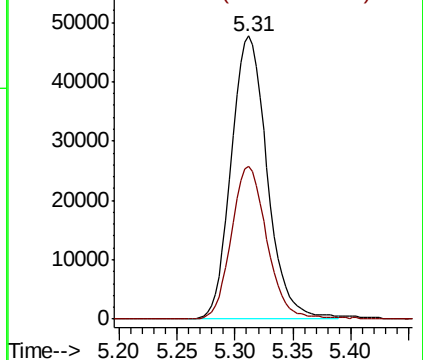
65 100

67 53.3 0.0 107.8



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: VU027400.D

Acq: 04 Oct 2018 11:59

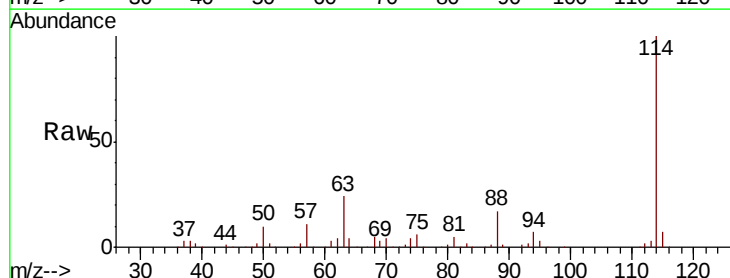
Tgt Ion: 114 Resp: 177204

Ion Ratio Lower Upper

114 100

63 24.2 0.0 50.2

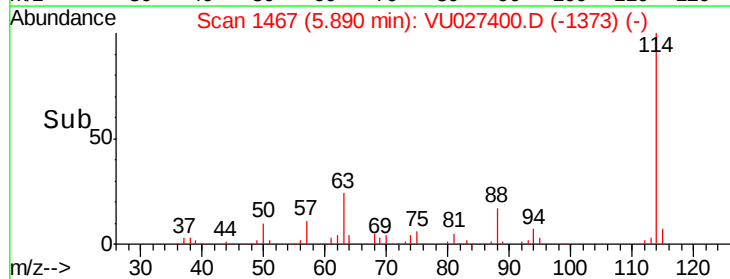
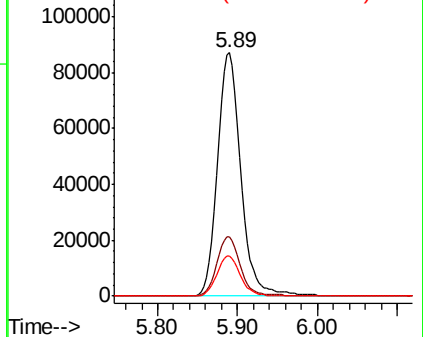
88 16.6 0.0 33.8

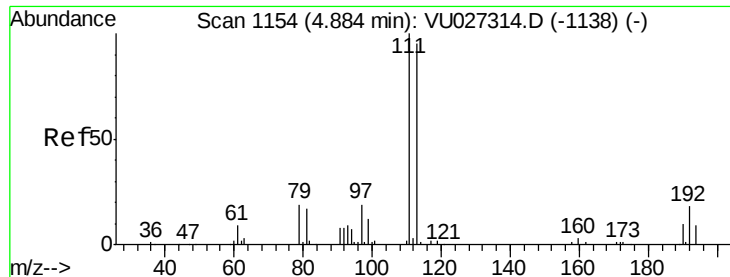


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

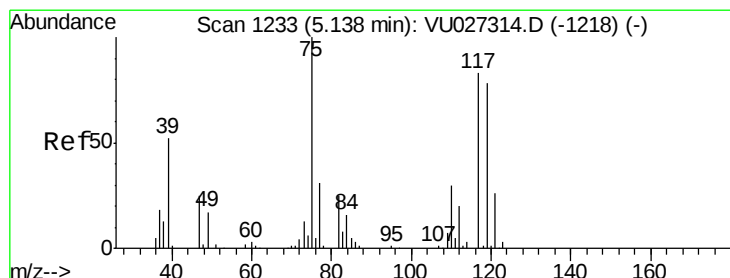
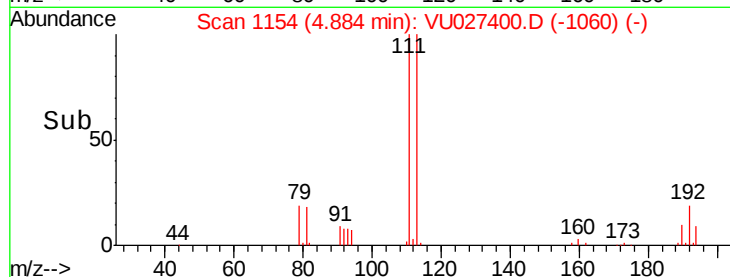
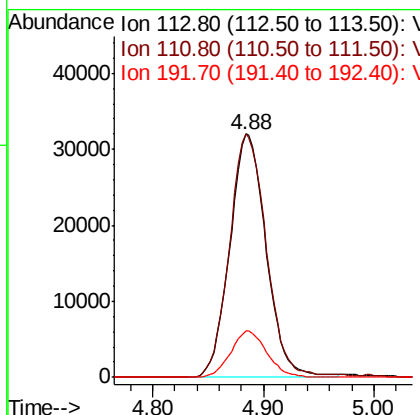
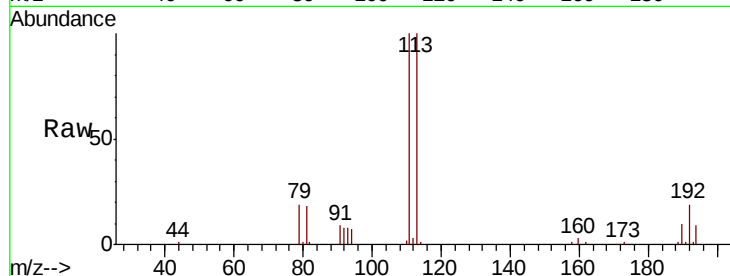




#35
 Dibromofluoromethane
 Concen: 60.174 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027400.D
 Acq: 04 Oct 2018 11:59

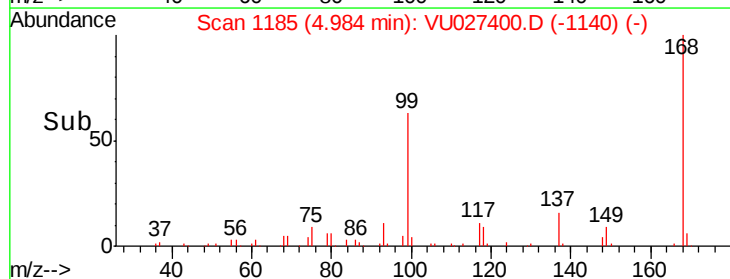
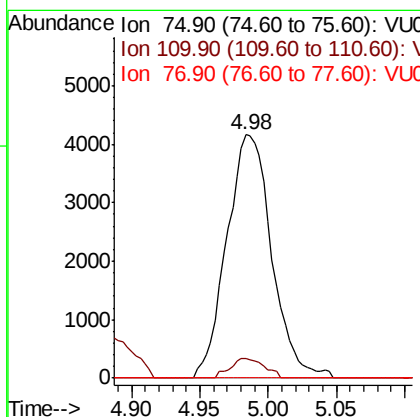
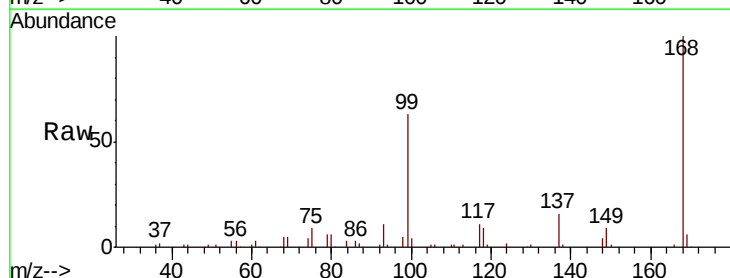
Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(12-12.5)

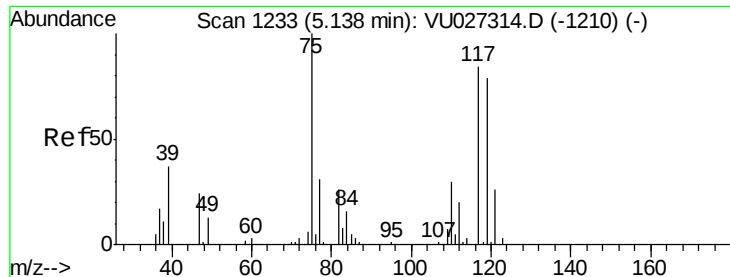
Tgt Ion:113 Resp: 73077
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.1 124.7
 192 18.8 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 4.949 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027400.D
 Acq: 04 Oct 2018 11:59

Tgt Ion: 75 Resp: 9523
 Ion Ratio Lower Upper
 75 100
 110 6.1 15.5 46.5#
 77 0.0 25.4 38.0#

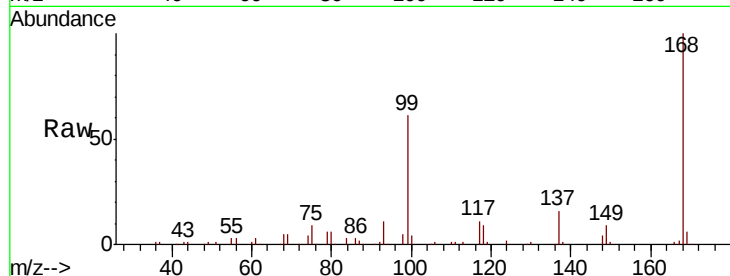




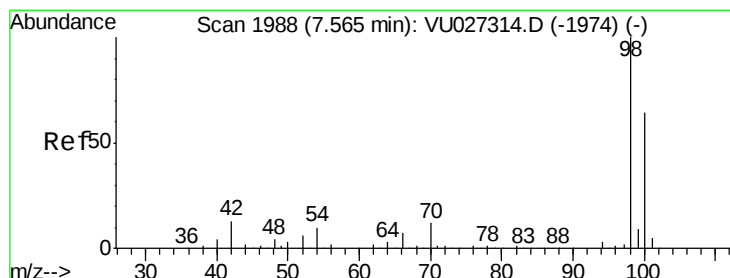
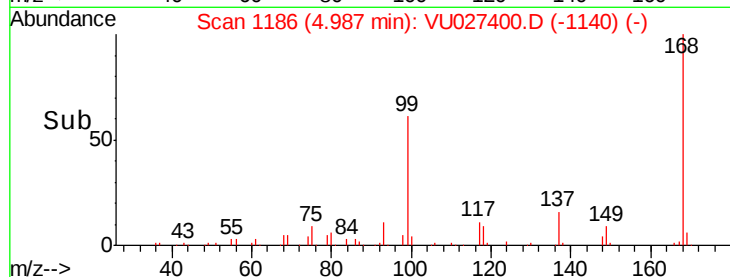
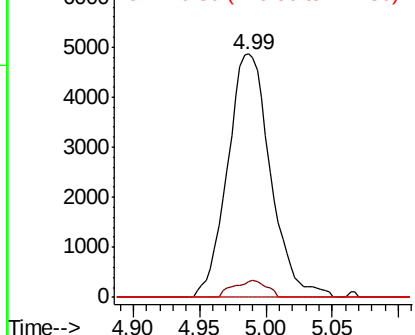
#38
Carbon Tetrachloride
Concen: 6.298 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027400.D
Acq: 04 Oct 2018 11:59

Instrument :
MSVOA_U
ClientSampleId :
B-11(12-12.5)

Tgt Ion:117 Resp: 10946
Ion Ratio Lower Upper
117 100
119 6.5 74.5 111.7#
121 0.0 24.6 37.0#

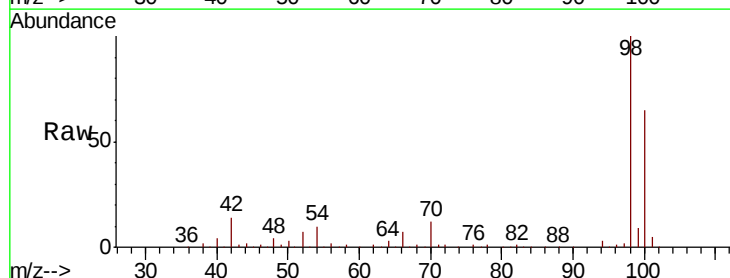


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

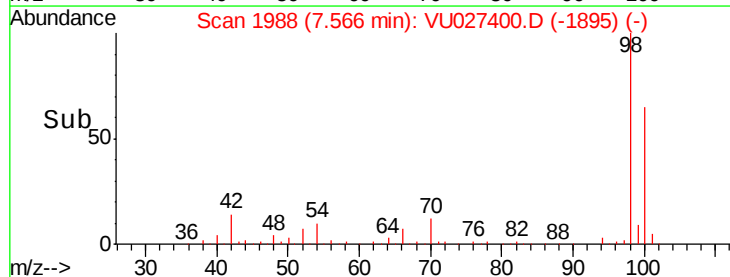
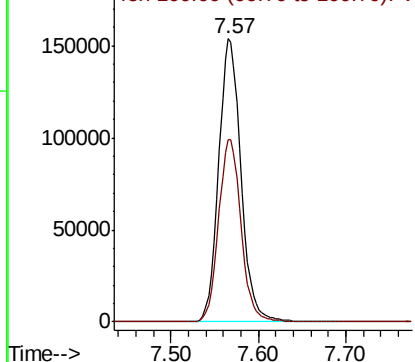


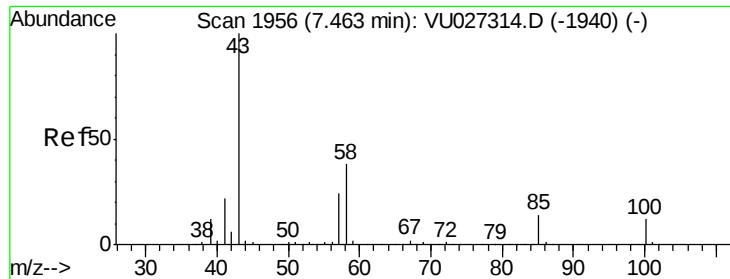
#50
Toluene-d8
Concen: 59.946 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027400.D
Acq: 04 Oct 2018 11:59

Tgt Ion: 98 Resp: 272471
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

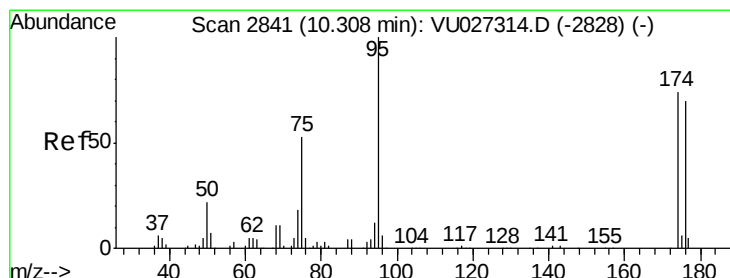
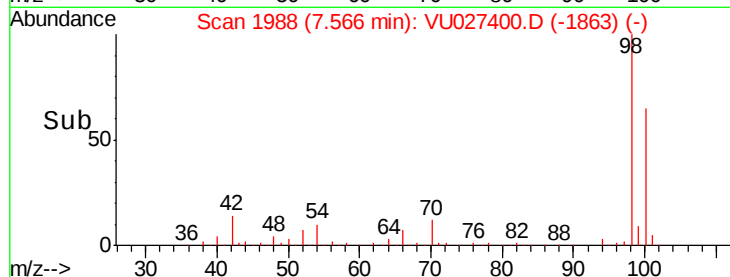
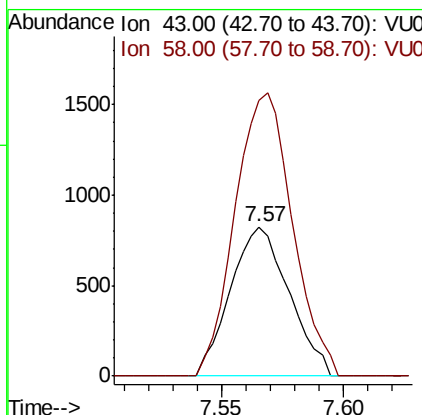
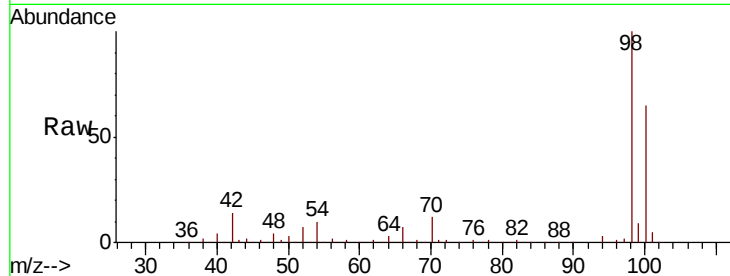




#51
 4-Methyl-2-Pentanone
 Concen: 0.547 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.10 min
 Lab File: VU027400.D
 Acq: 04 Oct 2018 11:59

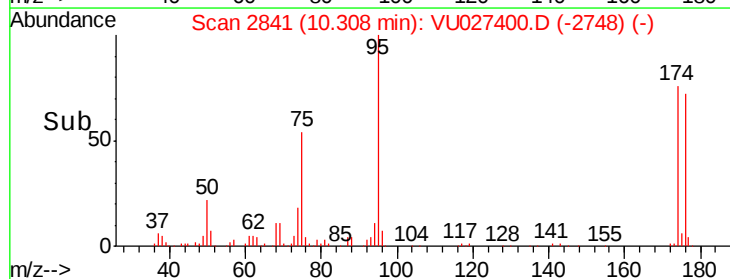
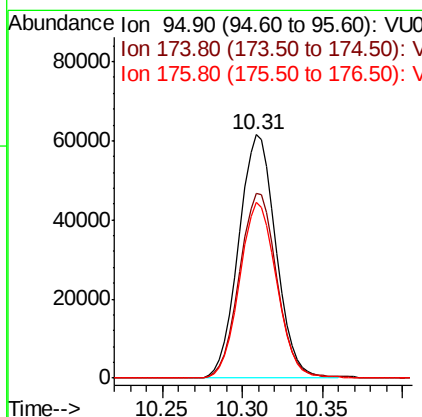
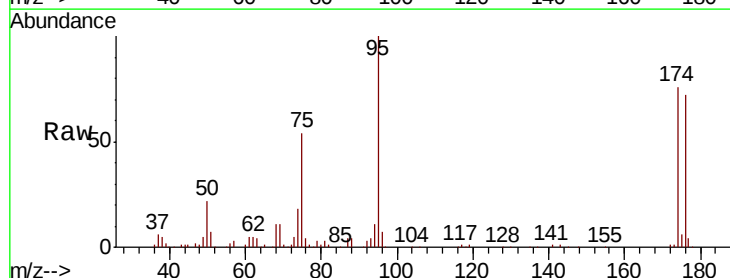
Instrument :
 MSVOA_U
 ClientSampleId :
 B-11(12-12.5)

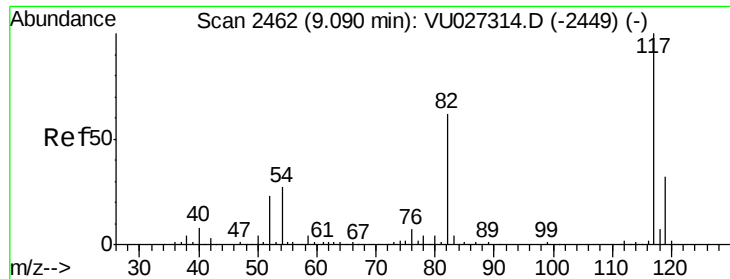
Tgt Ion: 43 Resp: 1372
 Ion Ratio Lower Upper
 43 100
 58 186.4 29.8 44.8#



#62
 4-Bromofluorobenzene
 Concen: 57.743 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027400.D
 Acq: 04 Oct 2018 11:59

Tgt Ion: 95 Resp: 97539
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 147.8
 176 72.1 0.0 140.8

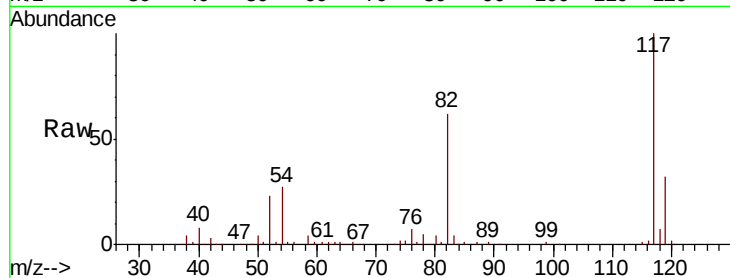




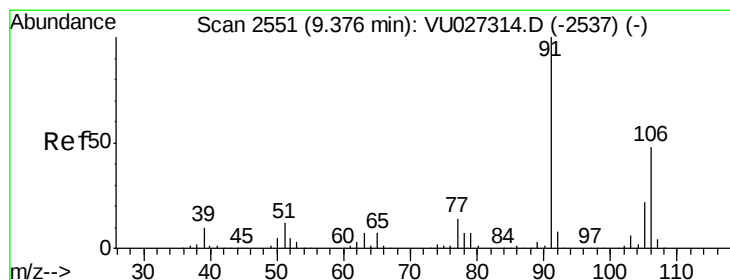
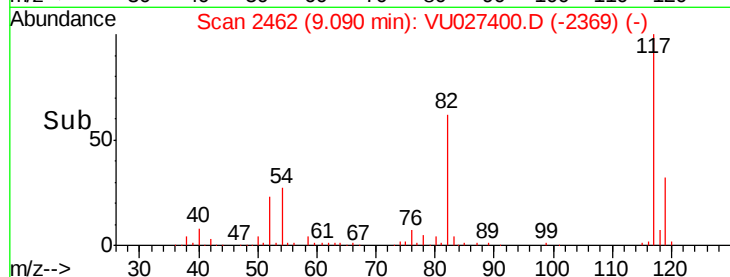
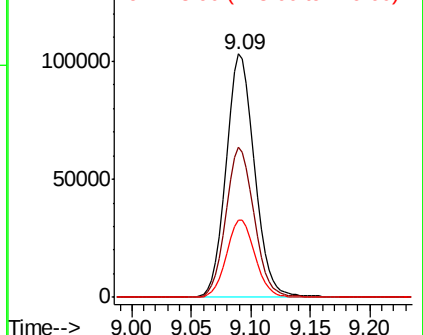
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027400.D
Acq: 04 Oct 2018 11:59

Instrument :
MSVOA_U
ClientSampleId :
B-11(12-12.5)

Tgt Ion:117 Resp: 170774
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 31.8 25.7 38.5

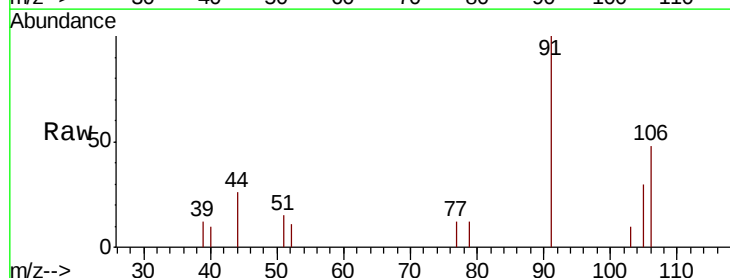


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

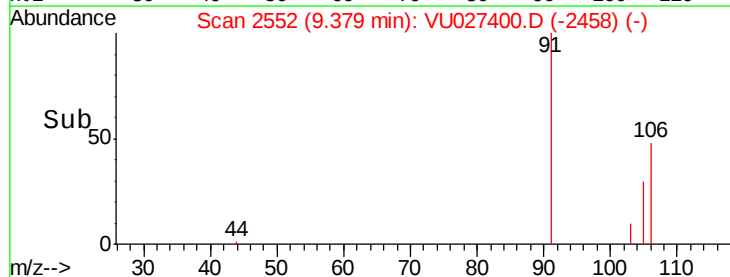
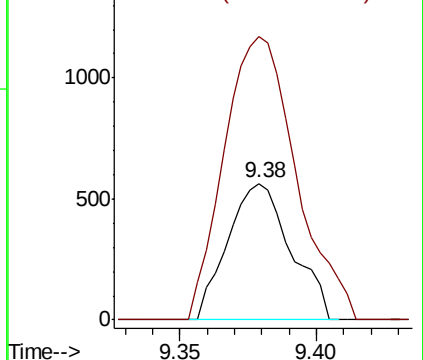


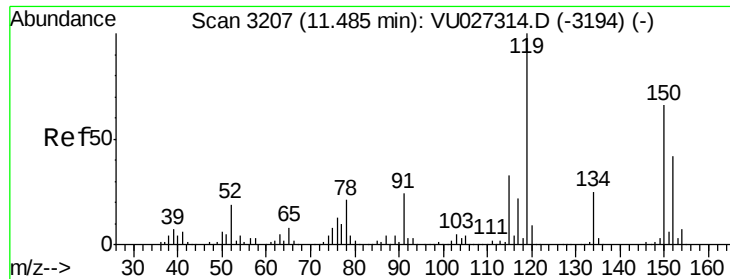
#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027400.D
Acq: 04 Oct 2018 11:59

Tgt Ion:106 Resp: 906
Ion Ratio Lower Upper
106 100
91 236.8 168.1 252.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027400.D

Acq: 04 Oct 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

B-11(12-12.5)

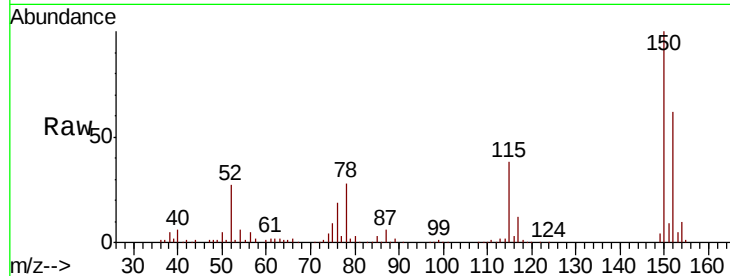
Tgt Ion:152 Resp: 90917

Ion Ratio Lower Upper

152 100

115 61.5 43.4 130.2

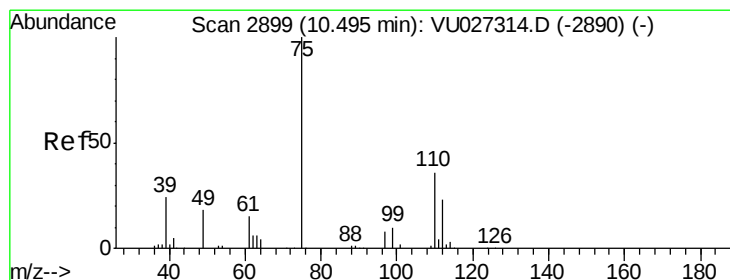
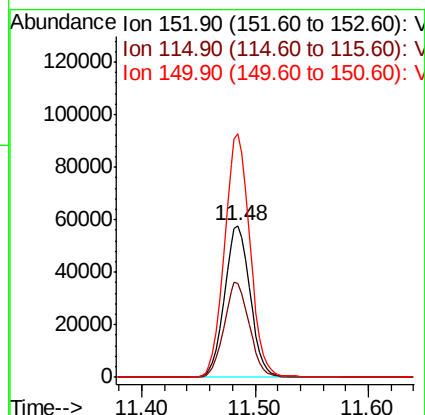
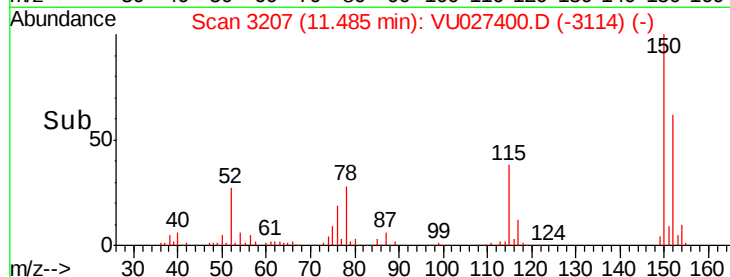
150 159.7 0.0 349.2



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: 22.176 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027400.D

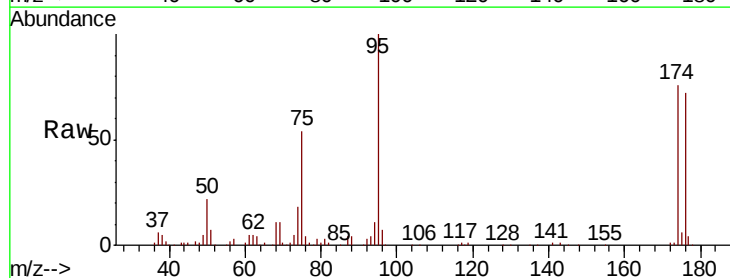
Acq: 04 Oct 2018 11:59

Tgt Ion: 75 Resp: 52264

Ion Ratio Lower Upper

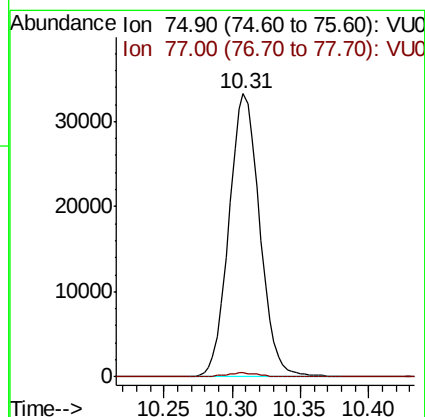
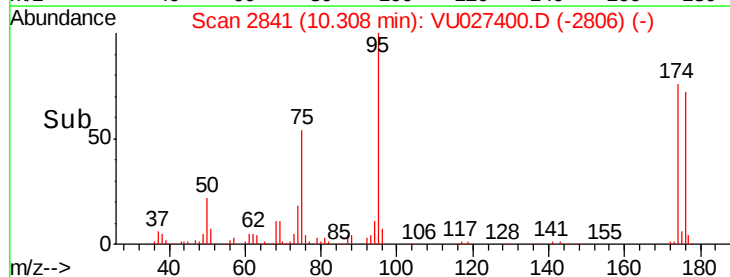
75 100

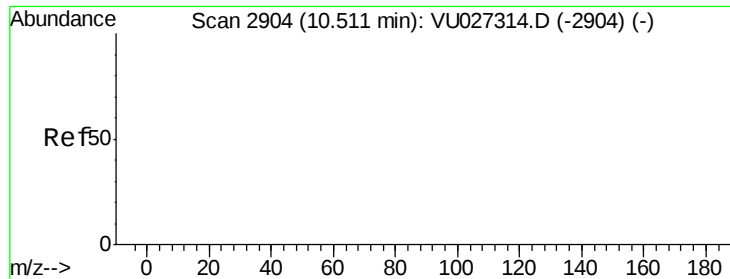
77 1.5 20.3 60.9#



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: 58.037 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027400.D

Acq: 04 Oct 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

B-11(12-12.5)

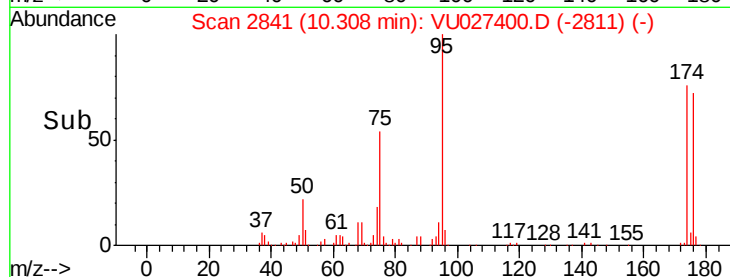
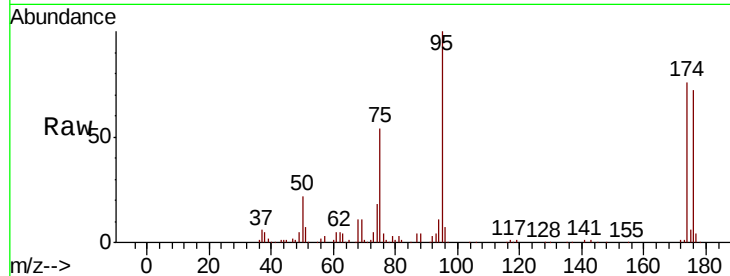
Tgt Ion: 75 Resp: 52264

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

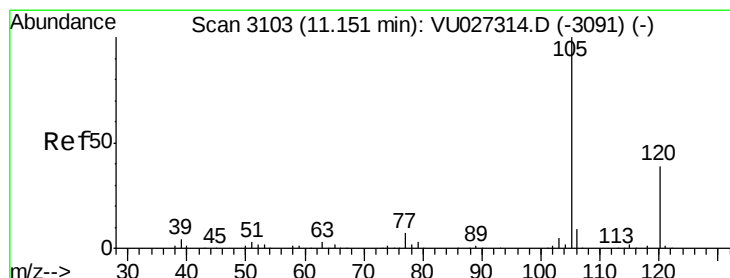
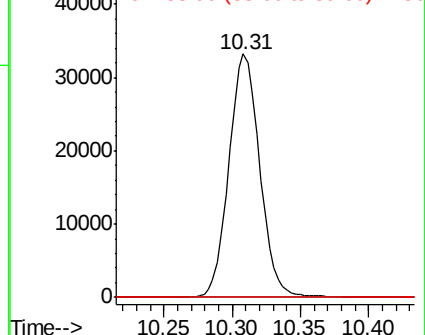
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU027400.D

Ion 53.00 (52.70 to 53.70): VU027400.D

Ion 88.90 (88.60 to 89.60): VU027400.D



#84

1,2,4-Trimethylbenzene

Concen: 0.394 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027400.D

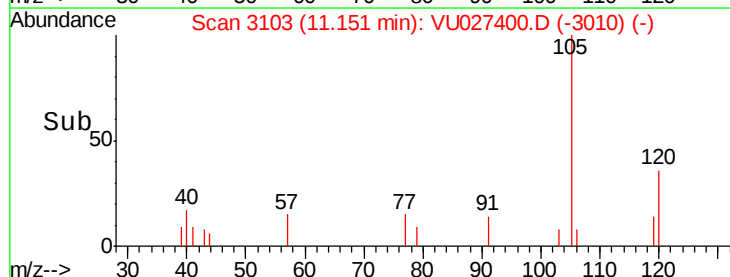
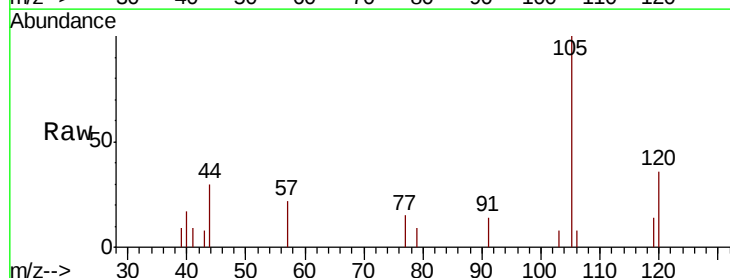
Acq: 04 Oct 2018 11:59

Tgt Ion: 105 Resp: 2164

Ion Ratio Lower Upper

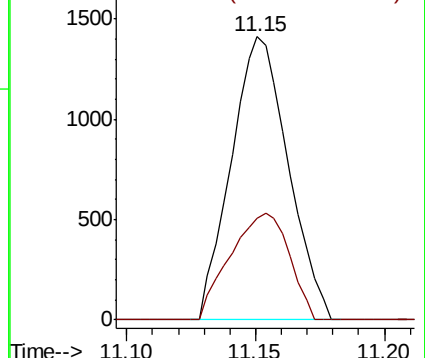
105 100

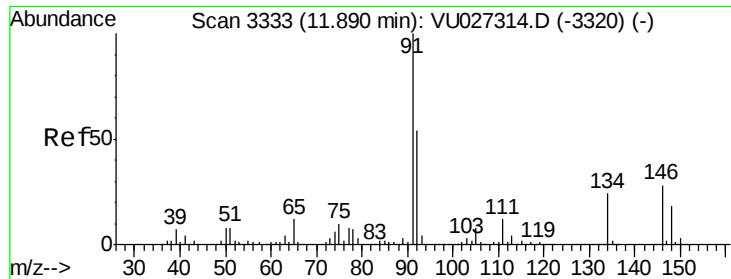
120 39.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): VU027400.D

Ion 120.00 (119.70 to 120.70): VU027400.D

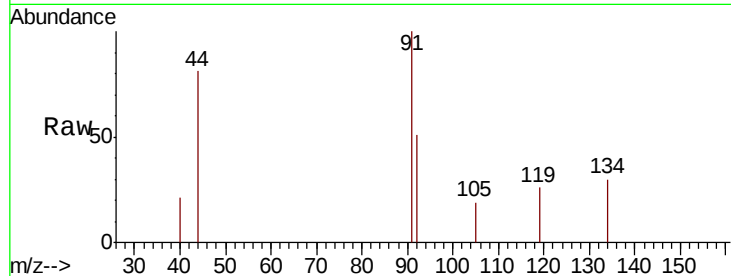




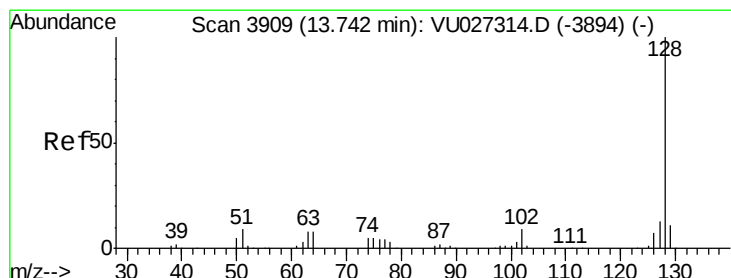
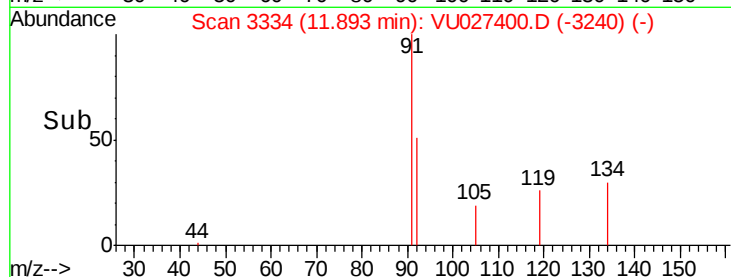
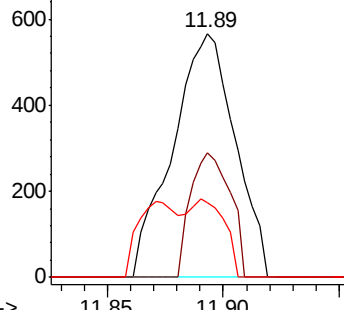
#89
n-Butylbenzene
Concen: 2.121 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027400.D
Acq: 04 Oct 2018 11:59

Instrument :
MSVOA_U
ClientSampleId :
B-11(12-12.5)

Tgt Ion: 91 Resp: 1063
Ion Ratio Lower Upper
91 100
92 32.3 27.0 81.0
134 0.0 11.7 35.1#

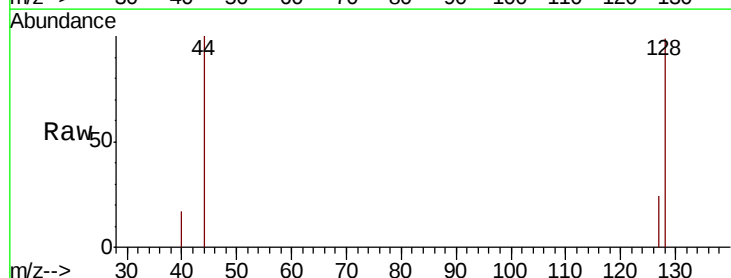


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V



#95
Naphthalene
Concen: 1.882 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027400.D
Acq: 04 Oct 2018 11:59

Tgt Ion: 128 Resp: 1580
Ion Ratio Lower Upper
128 100
127 9.9 10.5 15.7#
129 0.0 8.6 12.8#



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

