

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027405.D
 Acq On : 04 Oct 2018 13:55
 Operator : MD/SY
 Sample : J5084-07DL 100X
 Misc : 4.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-10(13-13.5)DL

Quant Time: Oct 05 03:14:16 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	102797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181181	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	174636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	96835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	101030	58.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.72%	
35) Dibromofluoromethane	4.88	113	71280	57.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.82%	
50) Toluene-d8	7.57	98	283943	61.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.20%	
62) 4-Bromofluorobenzene	10.31	95	103599	59.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.96%	

Target Compounds						Qvalue
6) Chloroethane	1.62	64	1196	1.055	ug/l #	44
11) Tert butyl alcohol	2.85	59	261	0.722	ug/l #	72
13) Acrolein	2.19	56	574	1.892	ug/l #	1
14) Allyl chloride	2.64	41	1175	0.456	ug/l #	26
15) Acrylonitrile	3.00	53	1135	1.206	ug/l #	39
16) Acetone	2.31	43	2222	2.191	ug/l #	44
18) Methyl Acetate	2.75	43	67633	29.236	ug/l #	56
20) Methylene Chloride	2.70	84	342	0.242	ug/l #	22
25) 2-Butanone	4.10	43	2284	1.652	ug/l #	54
30) Chloroform	4.74	83	500	0.209	ug/l #	18
31) Cyclohexane	4.99	56	14789	5.159	ug/l #	81
36) 1,1-Dichloropropene	4.99	75	9481	4.820	ug/l #	49
38) Carbon Tetrachloride	4.99	117	10676	6.008	ug/l #	17
39) Methylcyclohexane	6.42	83	10126	4.403	ug/l	98
43) Isopropyl Acetate	5.54	43	17490	4.429	ug/l #	63
48) Methyl methacrylate	6.64	41	2094	1.066	ug/l #	62
51) 4-Methyl-2-Pentanone	7.52	43	2483	0.968	ug/l #	58
52) Toluene	7.64	92	37517	11.061	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	1984	1.475	ug/l #	19
56) Ethyl methacrylate	8.05	69	773	2.558	ug/l #	10
59) 2-Hexanone	8.33	43	1999	1.004	ug/l #	26
67) Ethyl Benzene	9.25	91	83854	12.875	ug/l	99
68) m/p-Xylenes	9.38	106	83114	34.889	ug/l	100
69) o-Xylene	9.78	106	22719	10.036	ug/l	100
70) Styrene	9.78	104	2211	2.798	ug/l #	1
73) Isopropylbenzene	10.17	105	8258	1.174	ug/l	99
76) 1,2,3-Trichloropropane	10.31	75	54905	21.873	ug/l #	37
78) n-propylbenzene	10.59	91	41302	4.887	ug/l	99
79) 2-Chlorotoluene	10.68	91	20047	3.929	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	40491	7.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	54905	57.244	ug/l #	100
82) 4-Chlorotoluene	10.77	91	4914	0.849	ug/l #	48
83) tert-Butylbenzene	11.15	119	16963	3.064	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.15	105	139408	23.835	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

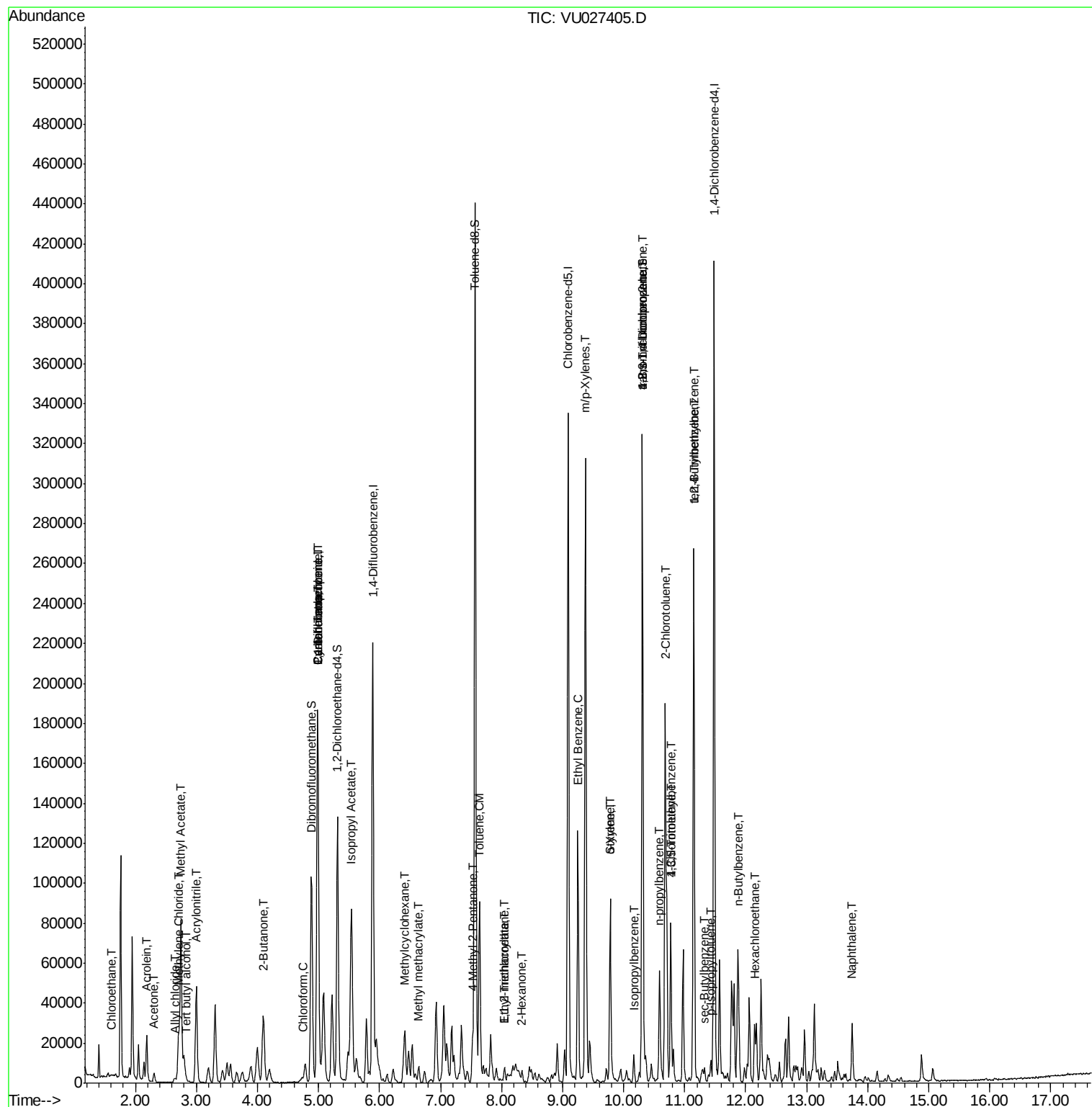
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.33	105	4380	0.628	ug/l	93
86) p-Isopropyltoluene	11.43	119	5176	0.867	ug/l	92
89) n-Butylbenzene	11.89	91	16214	4.408	ug/l #	47
90) Hexachloroethane	12.15	117	1776	1.578	ug/l #	12
95) Naphthalene	13.75	128	22984	4.695	ug/l	99

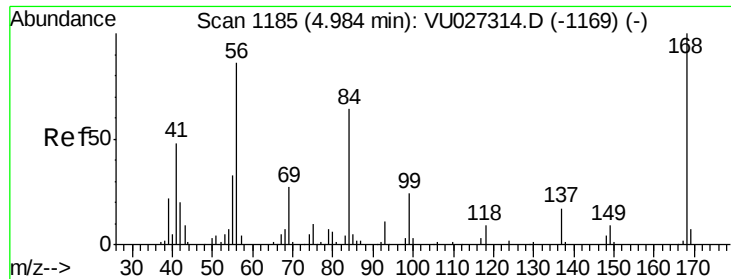
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

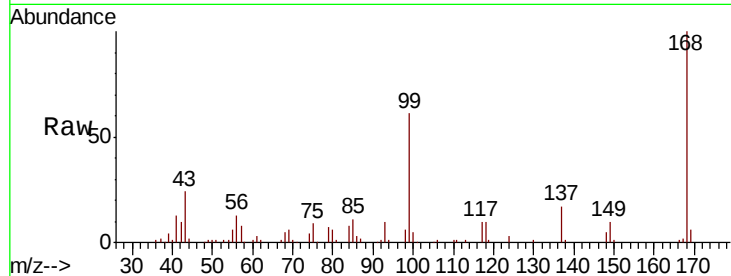
B-10(13-13.5)DL

Tgt Ion:168 Resp: 102797

Ion Ratio Lower Upper

168 100

99 61.0 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027405.D (-1092) (-)

4.99

50000

40000

30000

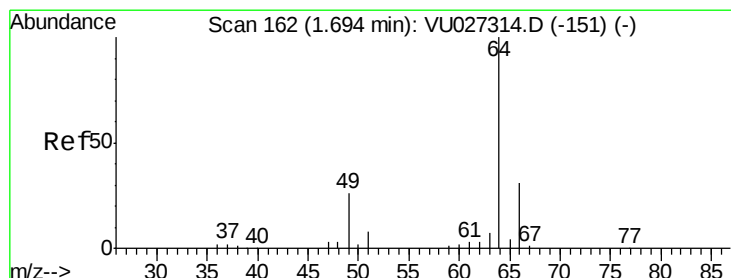
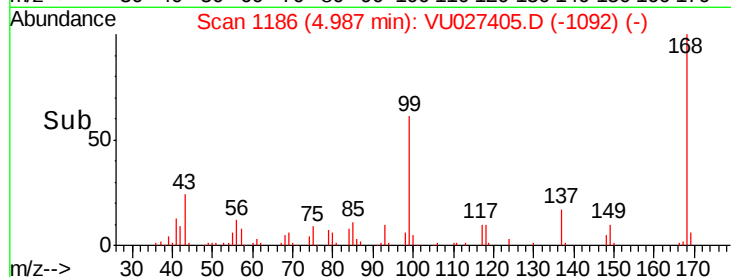
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#6

Chloroethane

Concen: 1.055 ug/l

RT: 1.62 min Scan# 138

Delta R.T. -0.08 min

Lab File: VU027405.D

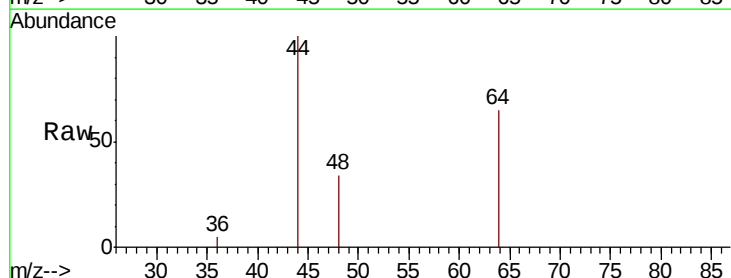
Acq: 04 Oct 2018 13:55

Tgt Ion: 64 Resp: 1196

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): VU027405.D (-69) (-)

1.62

1500

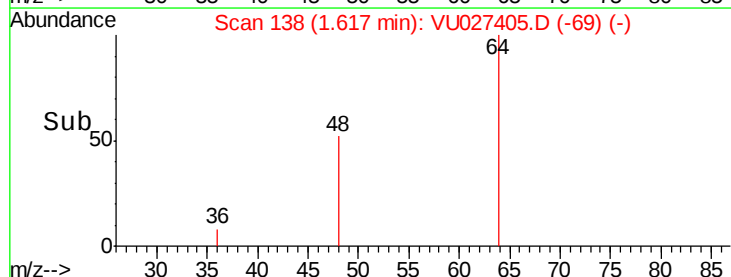
1000

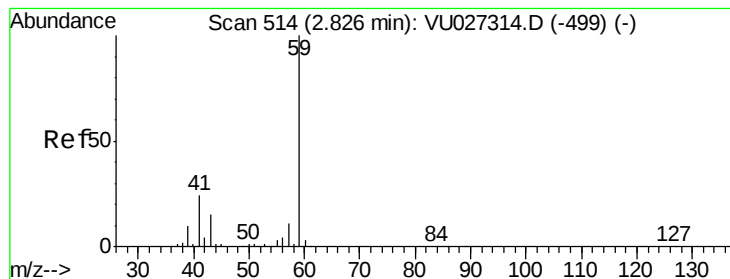
500

0

1.55 1.60 1.65 1.70

Time-->



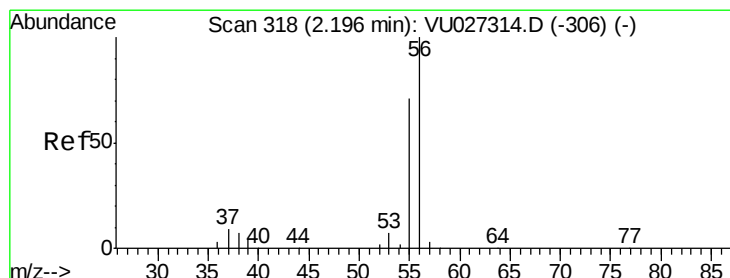
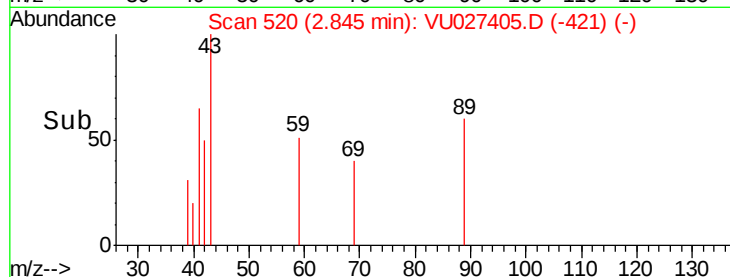
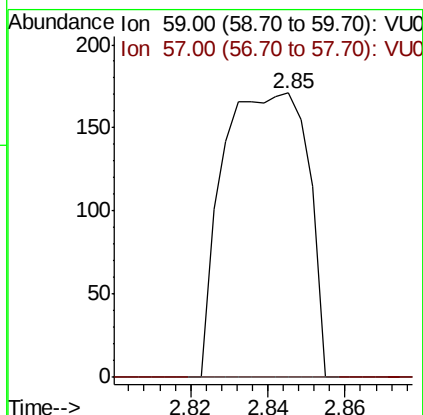
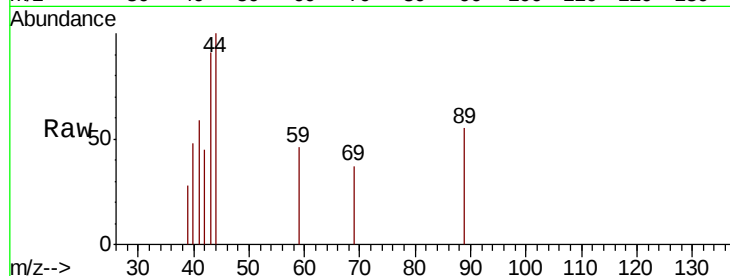


#11

Tert butyl alcohol
Concen: 0.722 ug/l
RT: 2.85 min Scan# 520
Delta R.T. 0.02 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Instrument :
MSVOA_U
ClientSampleId :
B-10(13-13.5)DL

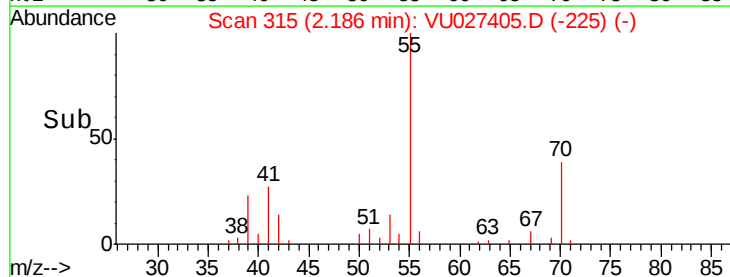
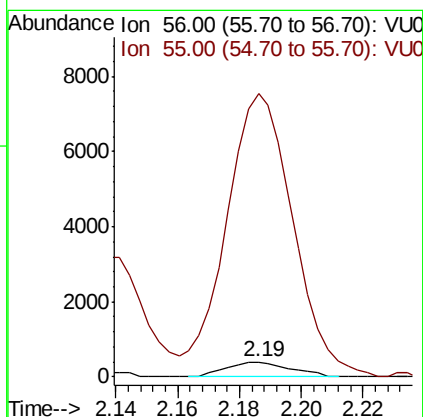
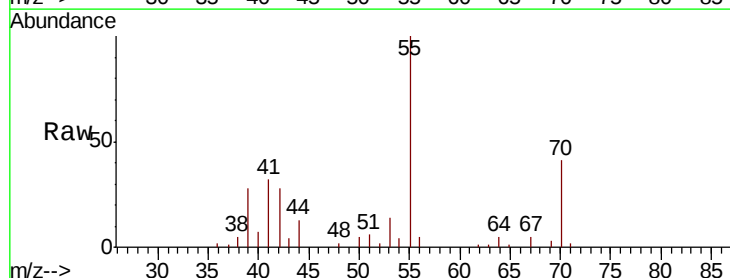
Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

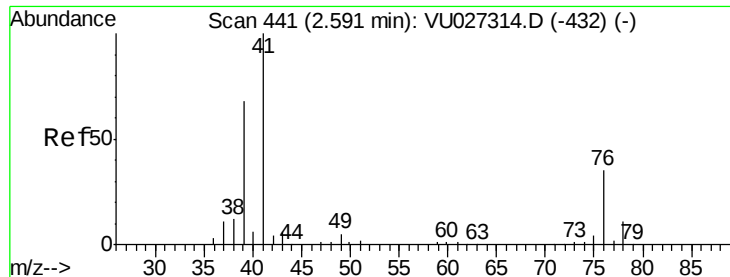


#13

Acrolein
Concen: 1.892 ug/l
RT: 2.19 min Scan# 315
Delta R.T. -0.01 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Tgt Ion: 56 Resp: 574
Ion Ratio Lower Upper
56 100
55 1971.1 57.7 86.5#





#14

Allyl chloride

Concen: 0.456 ug/l

RT: 2.64 min Scan# 457

Delta R.T. 0.05 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampled :

B-10(13-13.5)DL

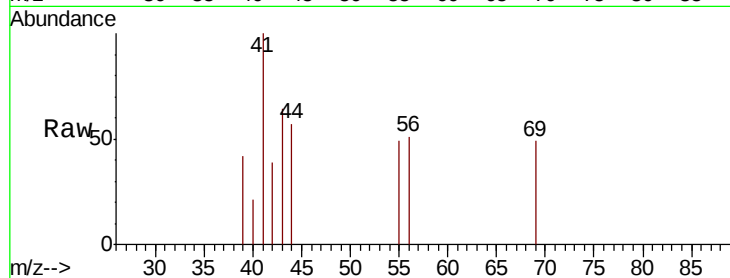
Tgt Ion: 41 Resp: 1175

Ion Ratio Lower Upper

41 100

39 0.0 51.8 77.8#

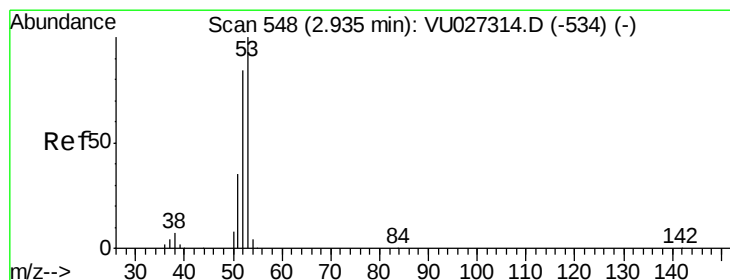
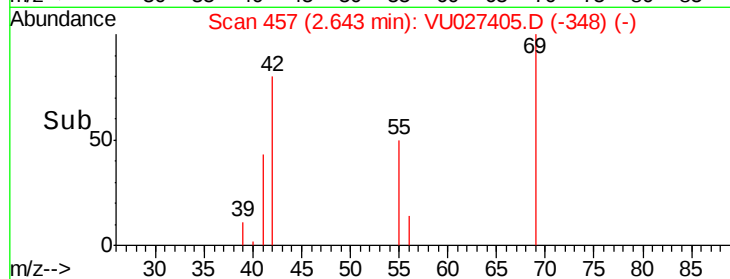
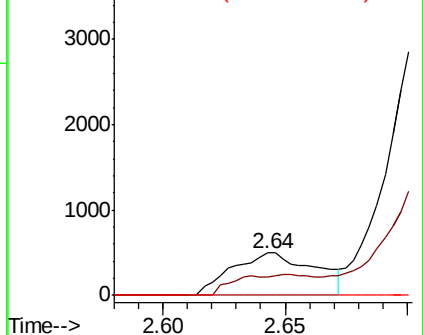
76 0.0 25.9 38.9#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0



#15

Acrylonitrile

Concen: 1.206 ug/l

RT: 3.00 min Scan# 568

Delta R.T. 0.06 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

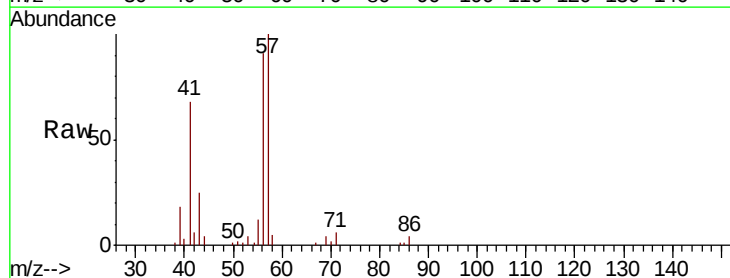
Tgt Ion: 53 Resp: 1135

Ion Ratio Lower Upper

53 100

52 14.3 66.5 99.7#

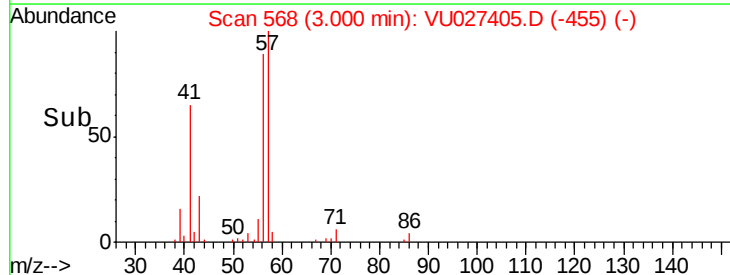
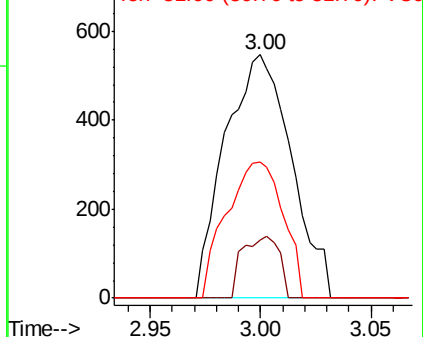
51 47.9 27.6 41.4#

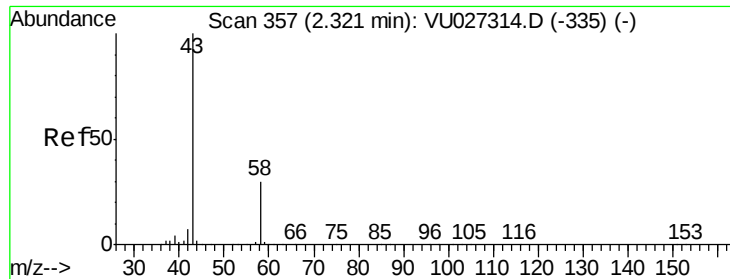


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#16

Acetone

Concen: 2.191 ug/l

RT: 2.31 min Scan# 353

Delta R.T. -0.01 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

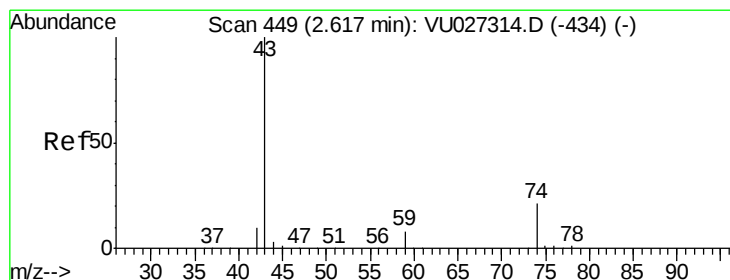
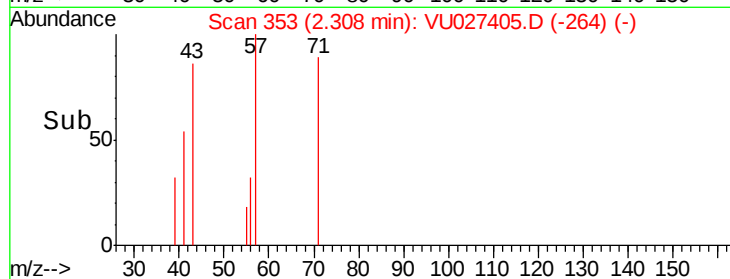
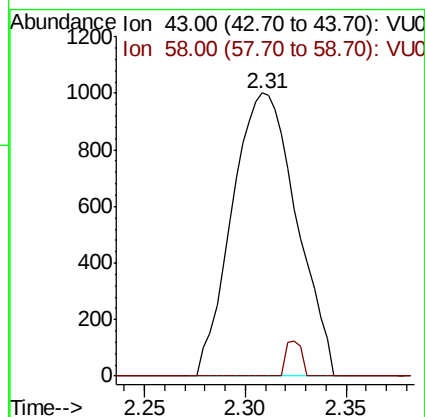
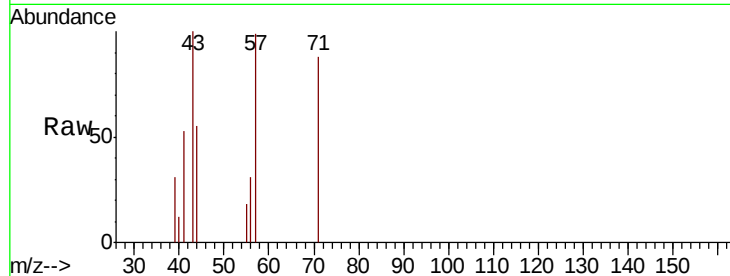
B-10(13-13.5)DL

Tgt Ion: 43 Resp: 2222

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.4#



#18

Methyl Acetate

Concen: 29.236 ug/l

RT: 2.75 min Scan# 489

Delta R.T. 0.13 min

Lab File: VU027405.D

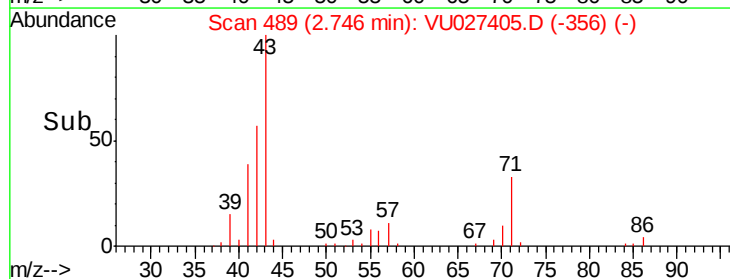
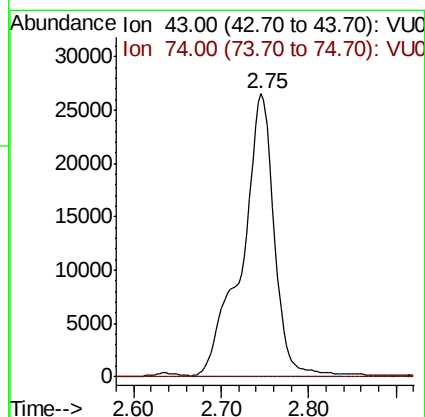
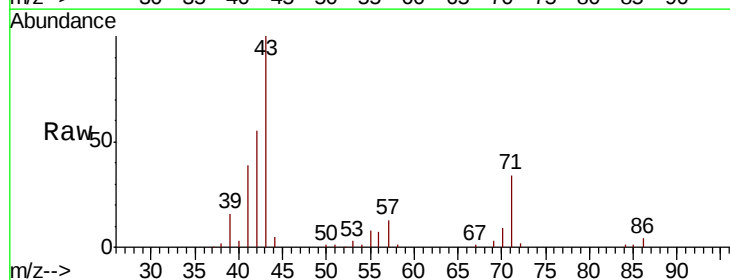
Acq: 04 Oct 2018 13:55

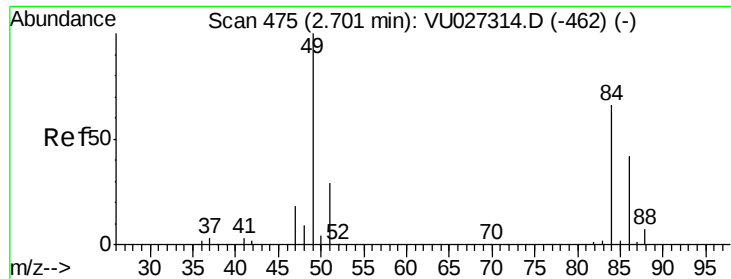
Tgt Ion: 43 Resp: 67633

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#

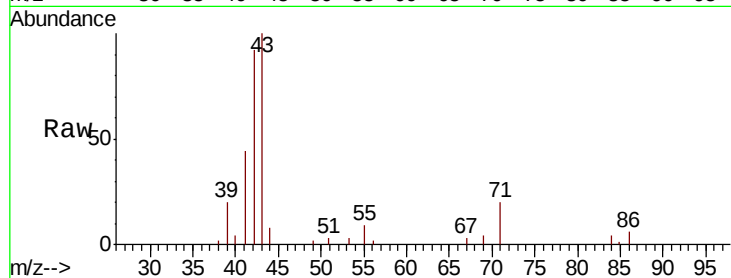




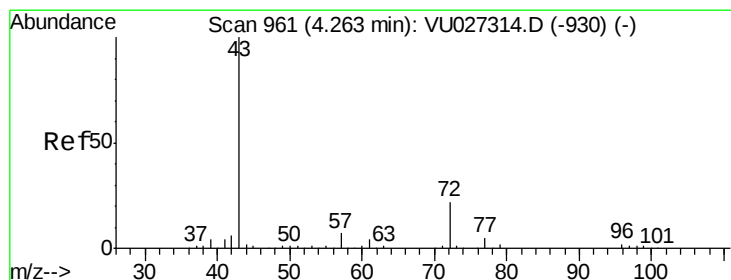
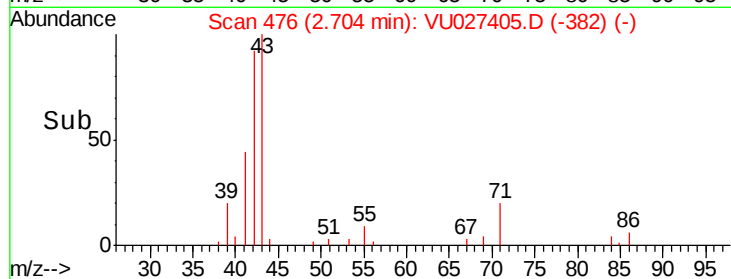
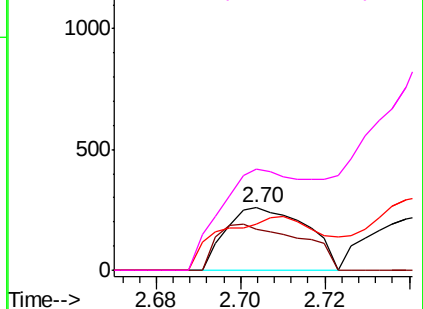
#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Instrument :
MSVOA_U
ClientSampleId :
B-10(13-13.5)DL

Tgt Ion: 84 Resp: 342
Ion Ratio Lower Upper
84 100
49 66.1 120.5 180.7#
51 74.3 35.1 52.7#
86 163.0 50.5 75.7#

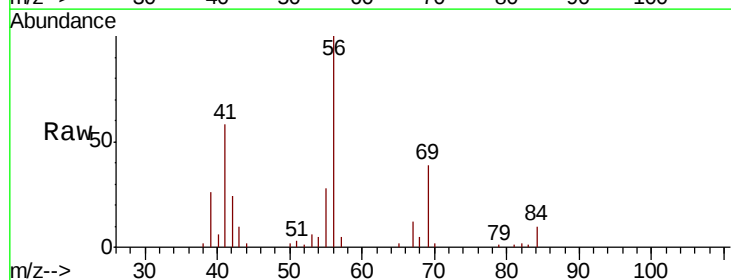


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

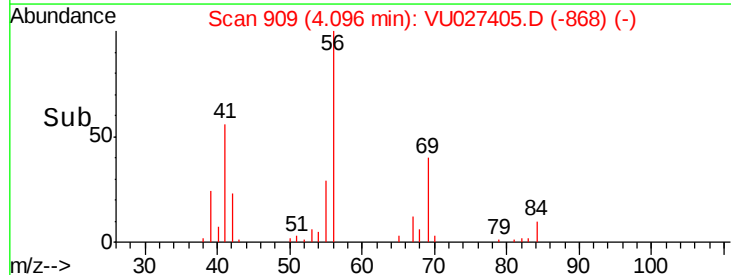
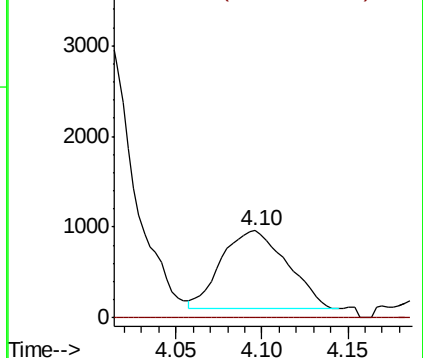


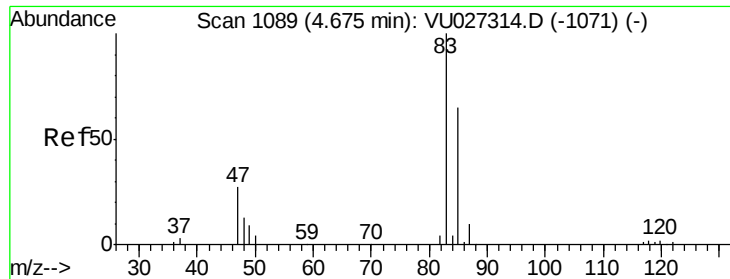
#25
2-Butanone
Concen: 1.652 ug/l
RT: 4.10 min Scan# 909
Delta R.T. -0.17 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#



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





#30

Chloroform

Concen: 0.209 ug/l

RT: 4.74 min Scan# 1109

Delta R.T. 0.06 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

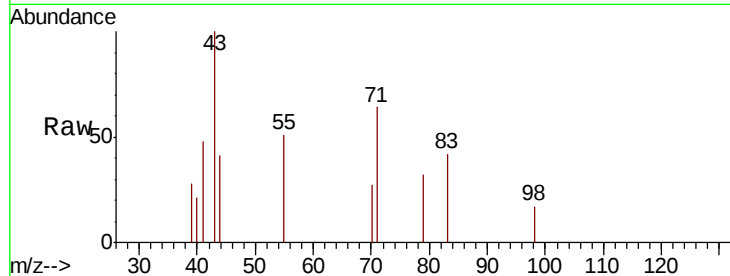
B-10(13-13.5)DL

Tgt Ion: 83 Resp: 500

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

4.74

250

200

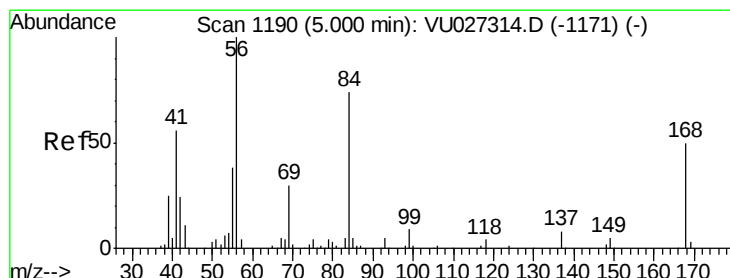
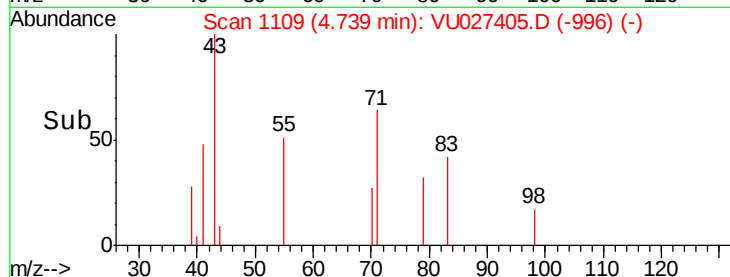
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 5.159 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.01 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

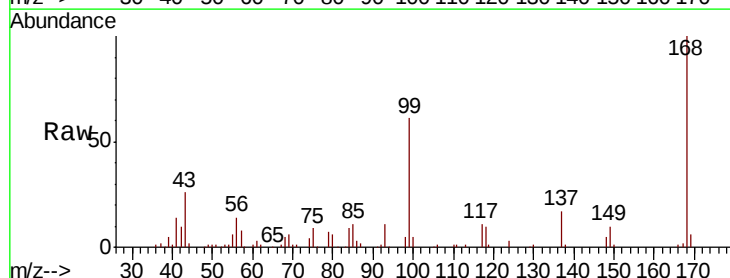
Tgt Ion: 56 Resp: 14789

Ion Ratio Lower Upper

56 100

69 46.6 24.1 36.1#

84 62.0 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

12000

10000

8000

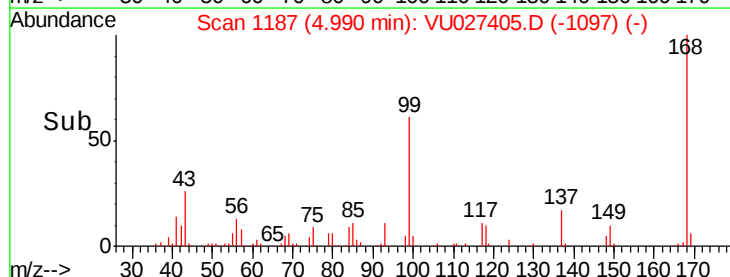
6000

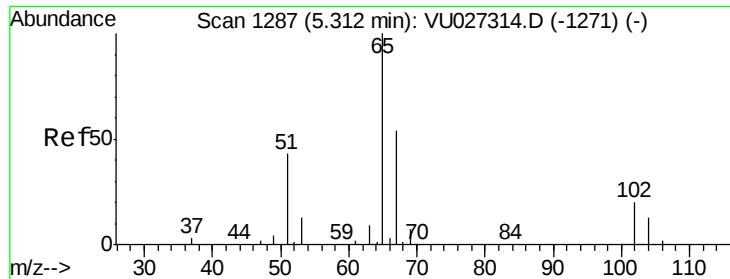
4000

2000

0

Time-->

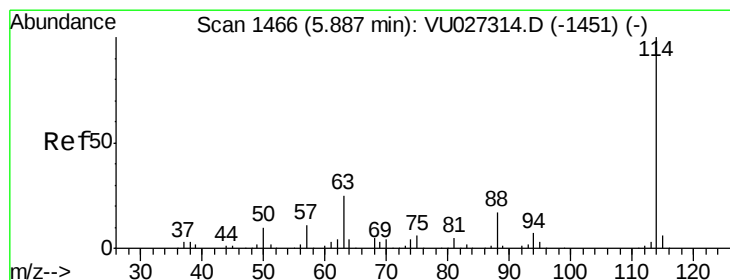
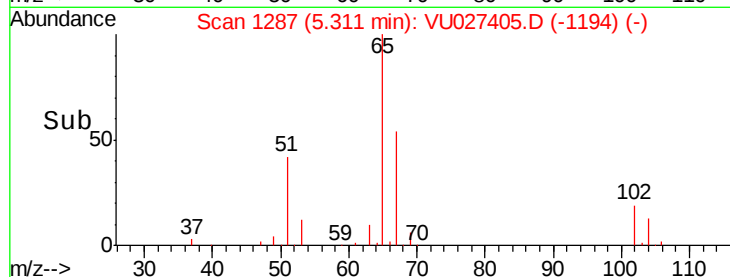
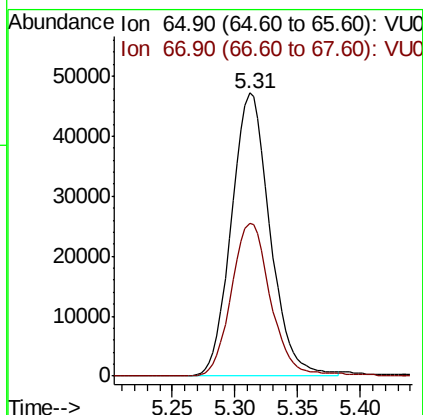
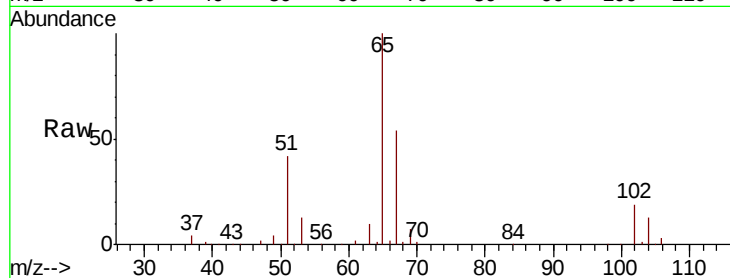




#33
 1,2-Dichloroethane-d4
 Concen: 58.857 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027405.D
 Acq: 04 Oct 2018 13:55

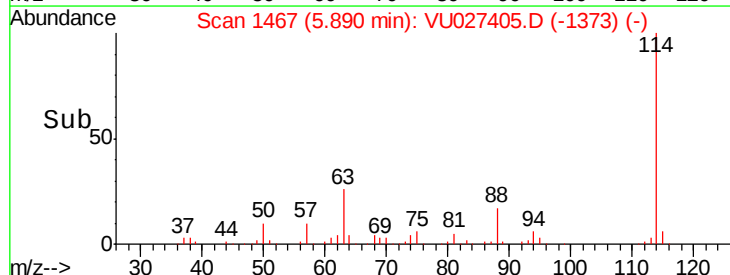
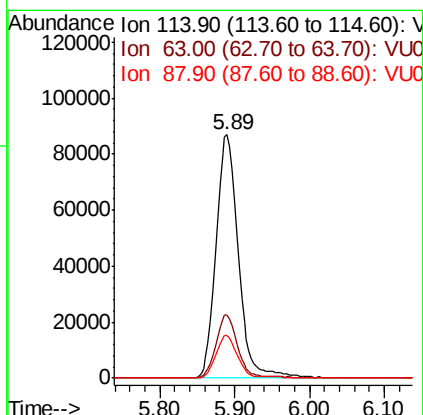
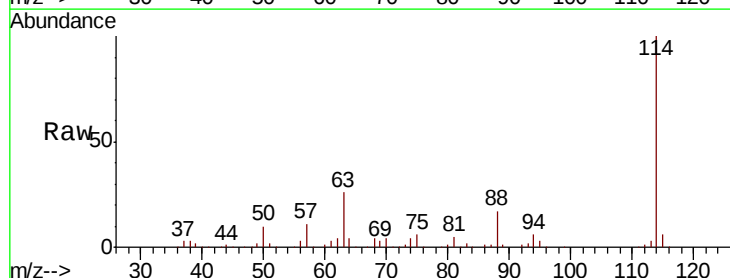
Instrument :
 MSVOA_U
 ClientSampleId :
 B-10(13-13.5)DL

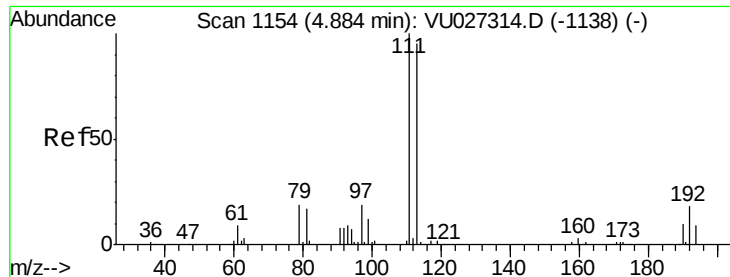
Tgt Ion: 65 Resp: 101030
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027405.D
 Acq: 04 Oct 2018 13:55

Tgt Ion: 114 Resp: 181181
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 50.2
 88 17.5 0.0 33.8

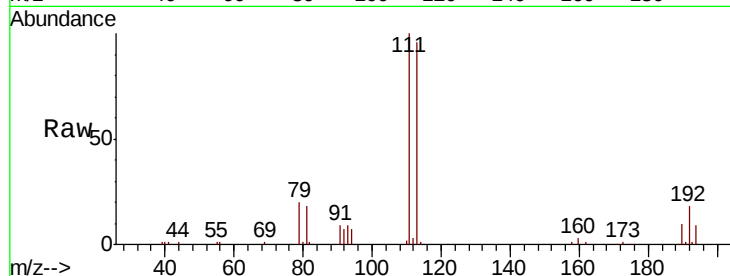




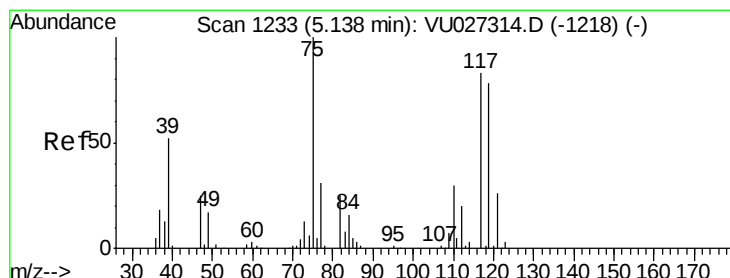
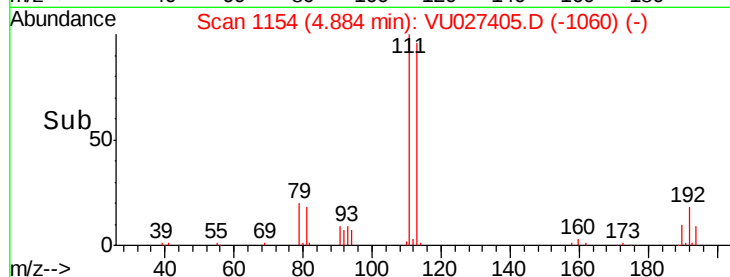
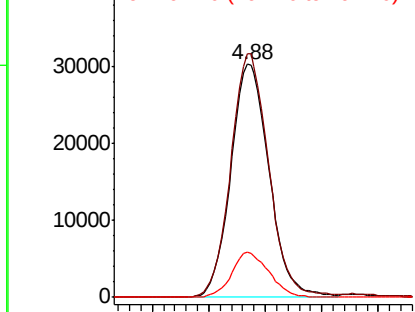
#35
 Dibromofluoromethane
 Concen: 57.406 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027405.D
 Acq: 04 Oct 2018 13:55

Instrument :
 MSVOA_U
 ClientSampleId :
 B-10(13-13.5)DL

Tgt Ion:113 Resp: 71280
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.1 124.7
 192 18.9 15.4 23.0

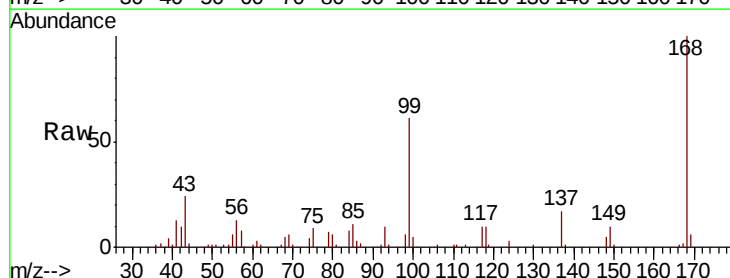


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

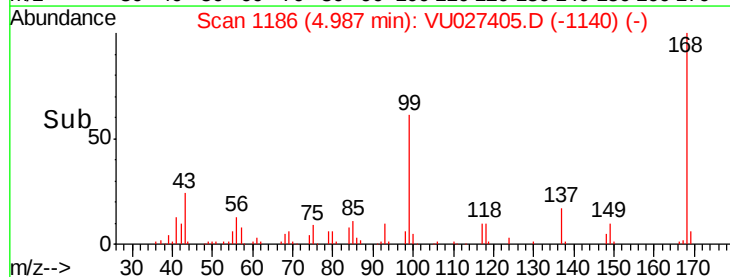
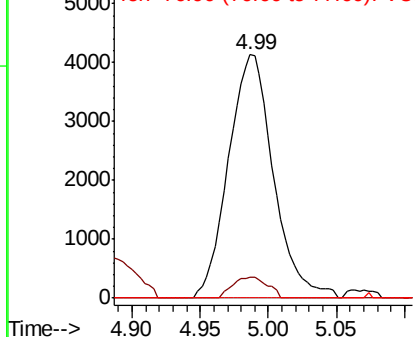


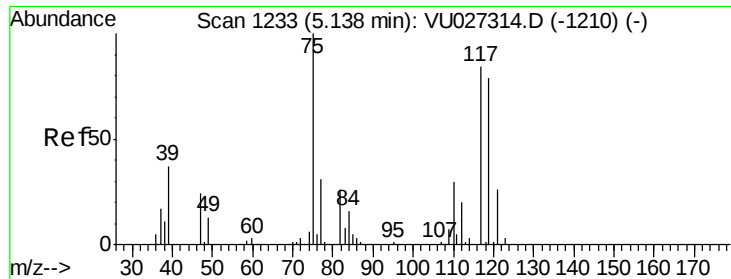
#36
 1,1-Dichloropropene
 Concen: 4.820 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027405.D
 Acq: 04 Oct 2018 13:55

Tgt Ion: 75 Resp: 9481
 Ion Ratio Lower Upper
 75 100
 110 6.7 15.5 46.5#
 77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

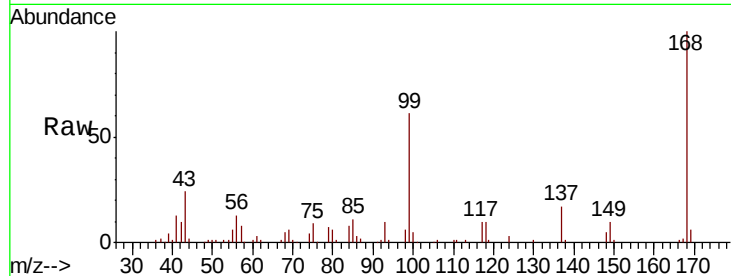




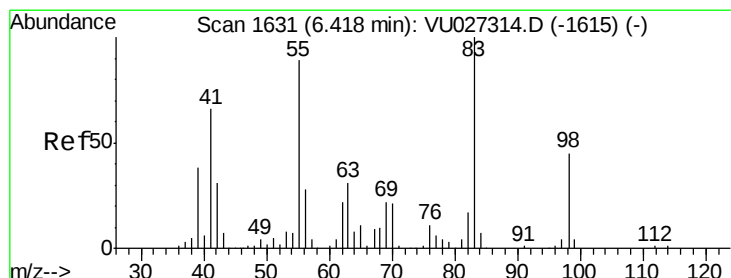
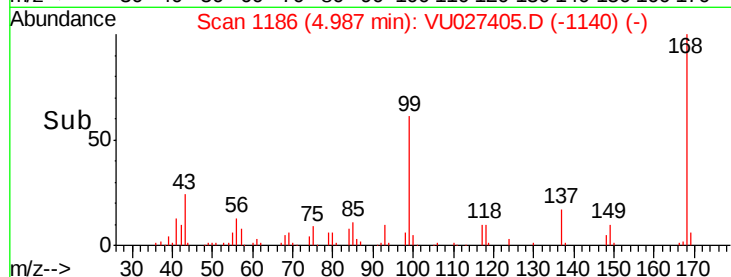
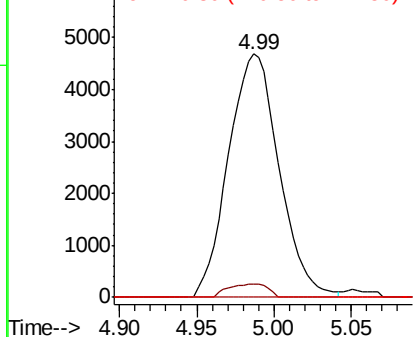
#38
Carbon Tetrachloride
Concen: 6.008 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Instrument :
MSVOA_U
ClientSampleId :
B-10(13-13.5)DL

Tgt Ion: 117 Resp: 10676
Ion Ratio Lower Upper
117 100
119 5.3 74.5 111.7#
121 0.0 24.6 37.0#

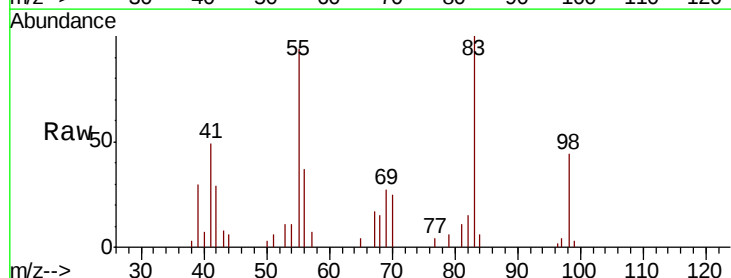


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

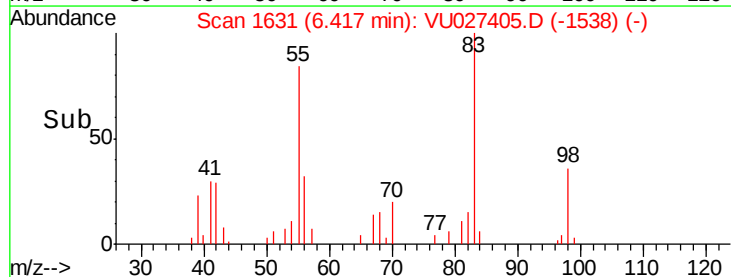
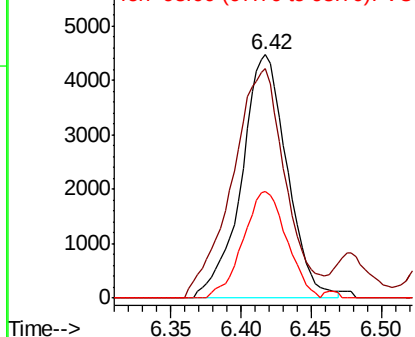


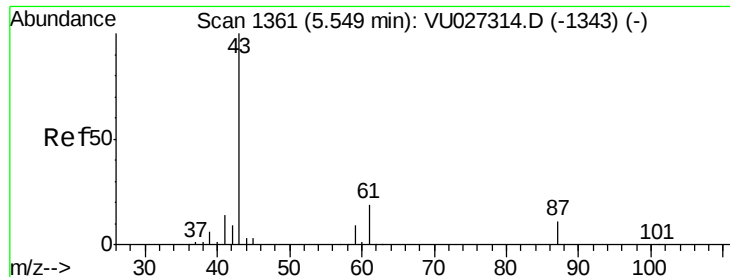
#39
Methylcyclohexane
Concen: 4.403 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Tgt Ion: 83 Resp: 10126
Ion Ratio Lower Upper
83 100
55 90.4 71.1 106.7
98 43.6 36.3 54.5



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





#43

Isopropyl Acetate

Concen: 4.429 ug/l

RT: 5.54 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

B-10(13-13.5)DL

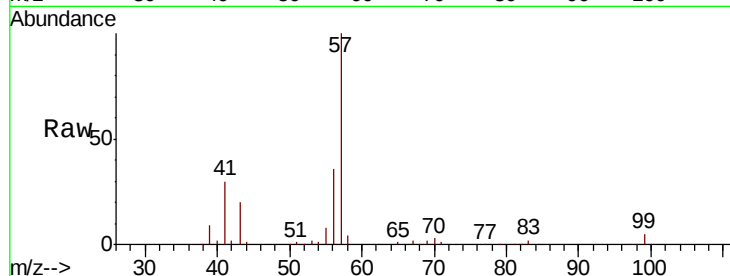
Tgt Ion: 43 Resp: 17490

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

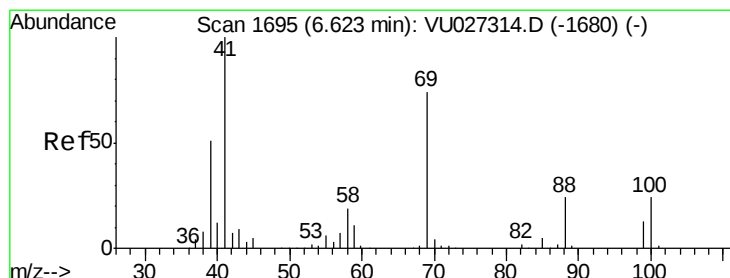
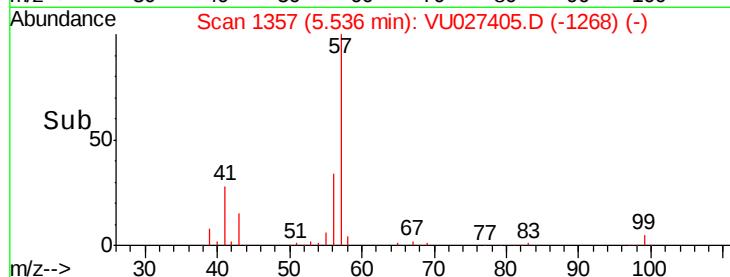
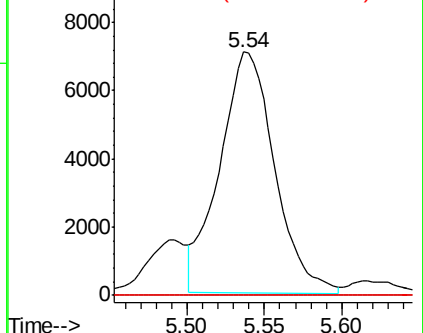
87 0.0 8.6 13.0#



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



#48

Methyl methacrylate

Concen: 1.066 ug/l

RT: 6.64 min Scan# 1701

Delta R.T. 0.02 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

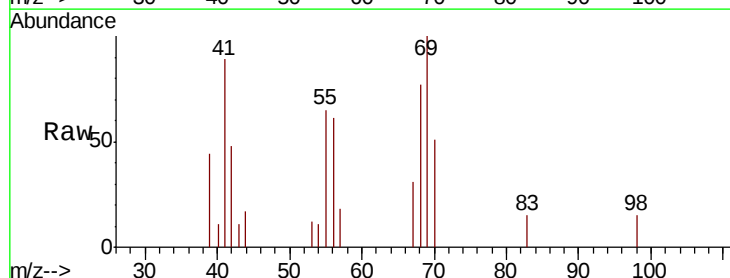
Tgt Ion: 41 Resp: 2094

Ion Ratio Lower Upper

41 100

69 128.1 61.0 91.4#

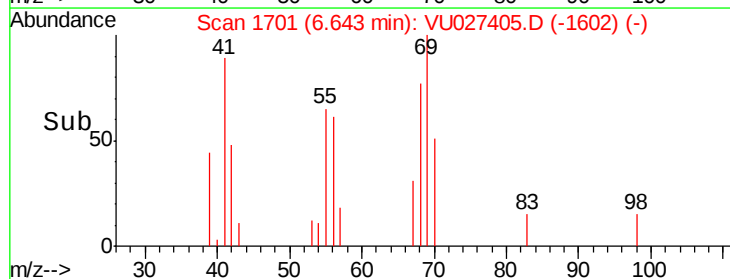
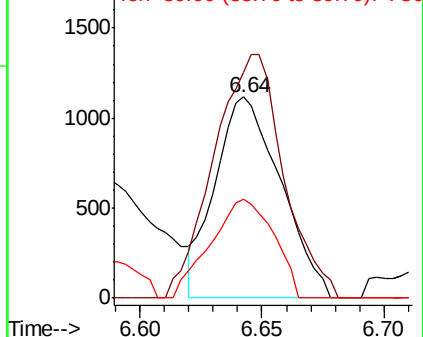
39 47.1 39.9 59.9

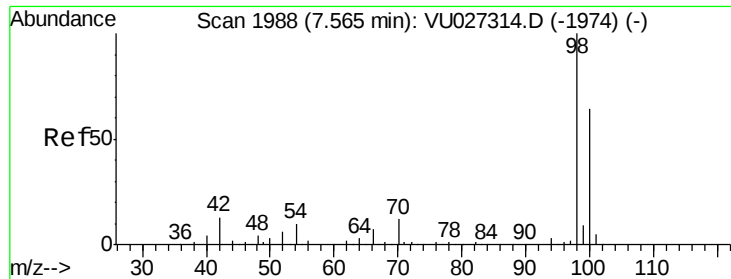


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#50

Toluene-d8

Concen: 61.099 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

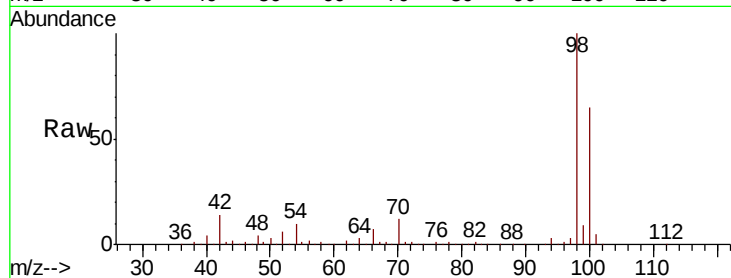
B-10(13-13.5)DL

Tgt Ion: 98 Resp: 283943

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

150000

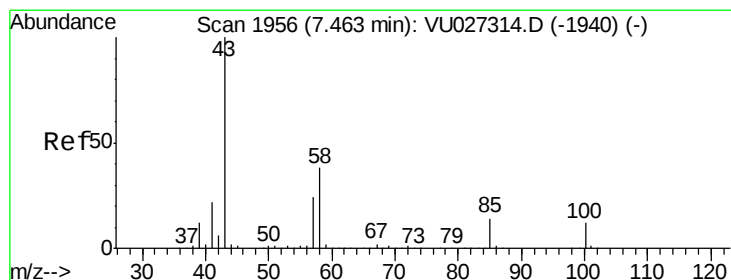
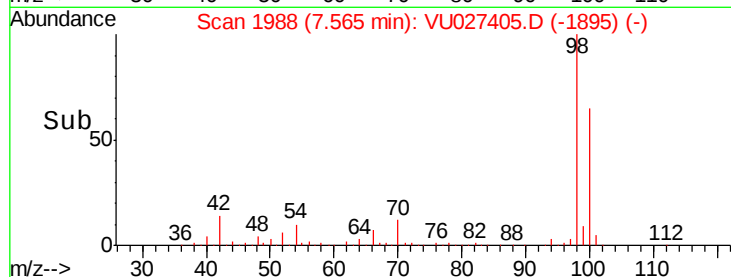
100000

50000

0

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.968 ug/l

RT: 7.52 min Scan# 1975

Delta R.T. 0.06 min

Lab File: VU027405.D

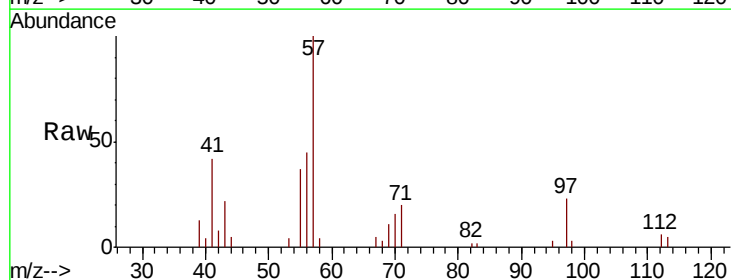
Acq: 04 Oct 2018 13:55

Tgt Ion: 43 Resp: 2483

Ion Ratio Lower Upper

43 100

58 12.2 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)

7.52

1500

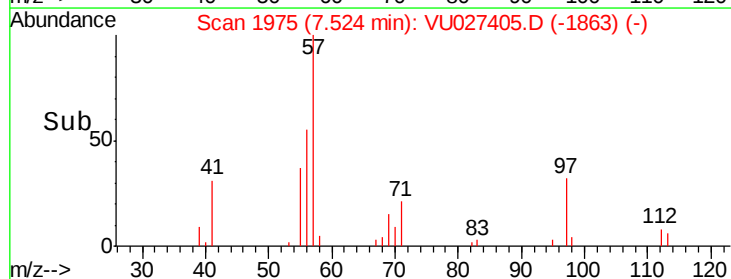
1000

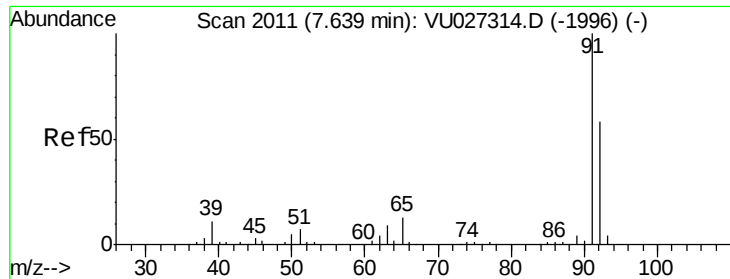
500

0

7.50 7.55

Time-->





#52

Toluene

Concen: 11.061 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

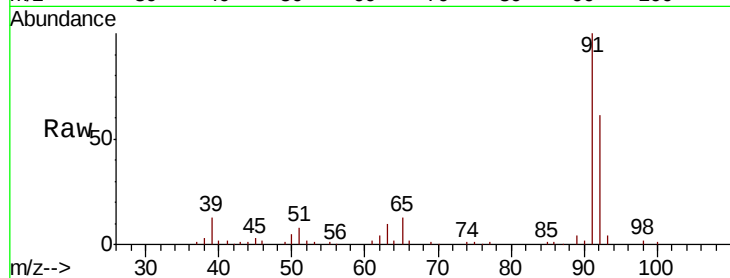
B-10(13-13.5)DL

Tgt Ion: 92 Resp: 37517

Ion Ratio Lower Upper

92 100

91 170.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-1996) (-)

40000

30000

20000

10000

0

7.55

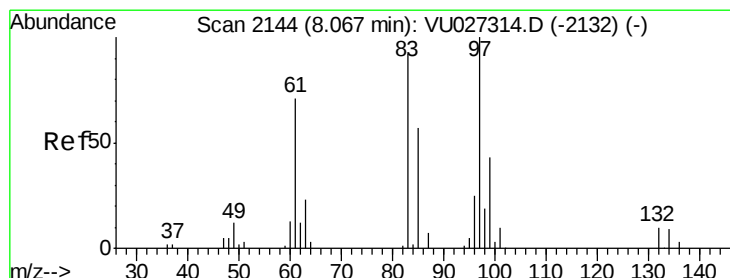
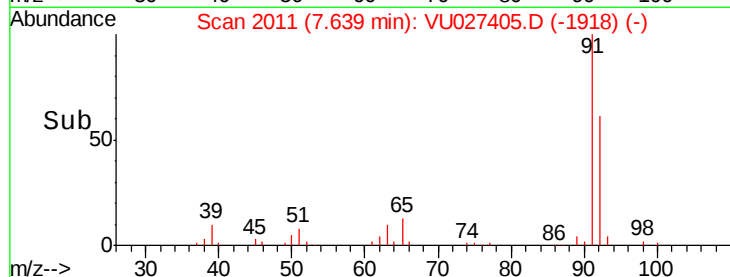
7.60

7.65

7.70

7.75

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.475 ug/l

RT: 8.05 min Scan# 2138

Delta R.T. -0.02 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Tgt Ion: 97 Resp: 1984

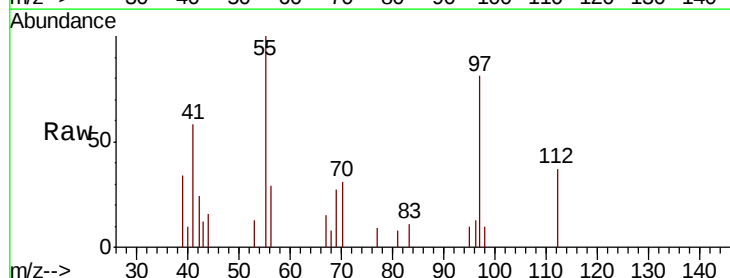
Ion Ratio Lower Upper

97 100

83 13.0 73.0 109.6#

85 0.0 47.3 70.9#

99 0.0 49.7 74.5#



Abundance Ion 96.90 (96.60 to 97.60): VU027314.D (-2132) (-)

Ion 82.90 (82.60 to 83.60): VU027314.D (-2132) (-)

Ion 84.90 (84.60 to 85.60): VU027314.D (-2132) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-2132) (-)

1500

1000

500

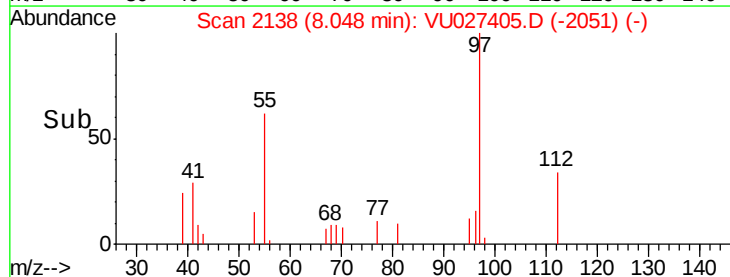
0

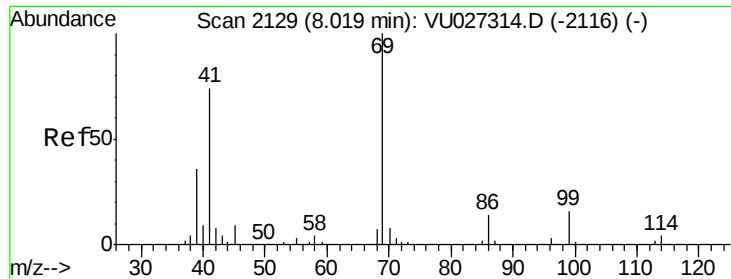
8.00

8.05

8.10

Time-->





#56

Ethyl methacrylate

Concen: 2.558 ug/l

RT: 8.05 min Scan# 2138

Delta R.T. 0.03 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

B-10(13-13.5)DL

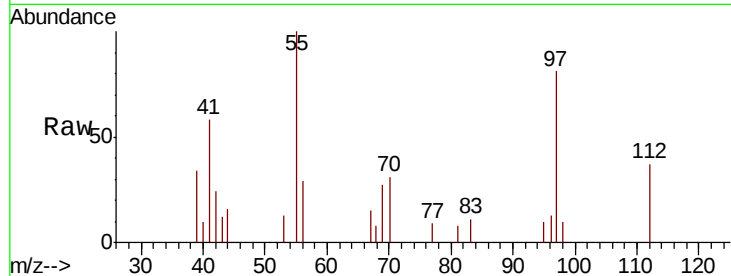
Tgt Ion: 69 Resp: 773

Ion Ratio Lower Upper

69 100

41 133.4 60.0 90.0#

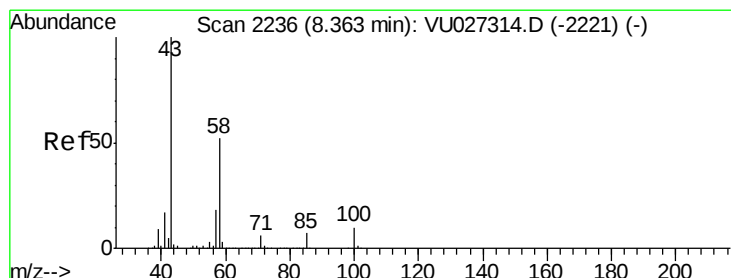
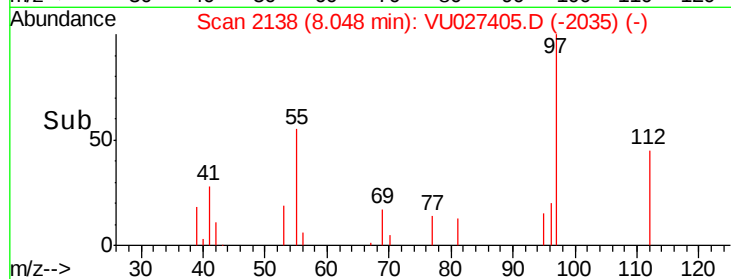
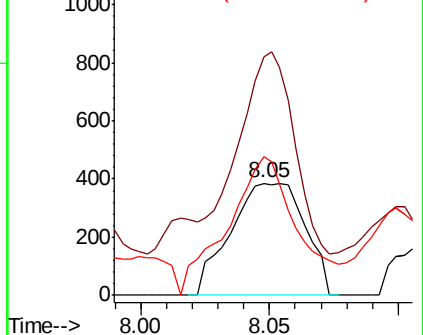
39 116.0 29.5 44.3#



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: 1.004 ug/l

RT: 8.33 min Scan# 2227

Delta R.T. -0.03 min

Lab File: VU027405.D

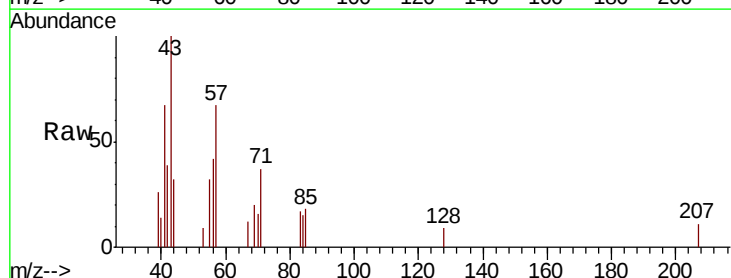
Acq: 04 Oct 2018 13:55

Tgt Ion: 43 Resp: 1999

Ion Ratio Lower Upper

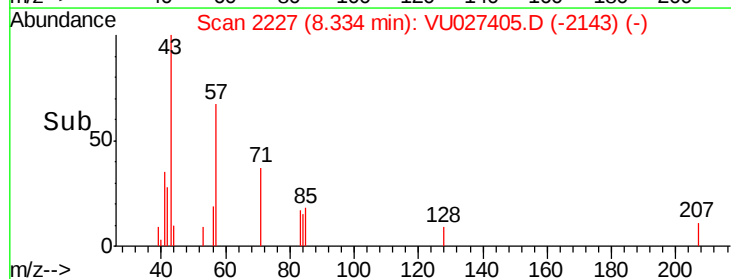
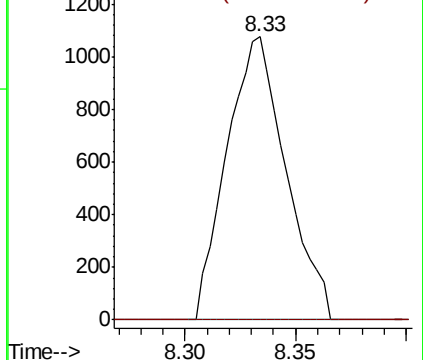
43 100

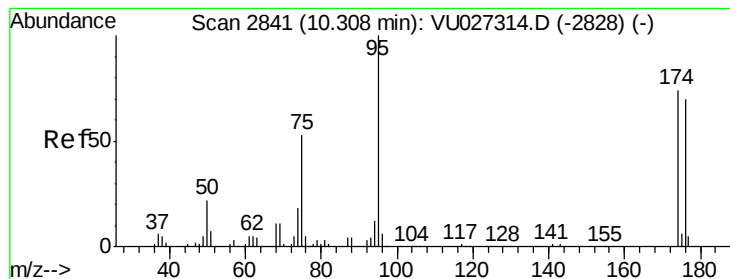
58 0.0 26.1 78.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 59.984 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

B-10(13-13.5)DL

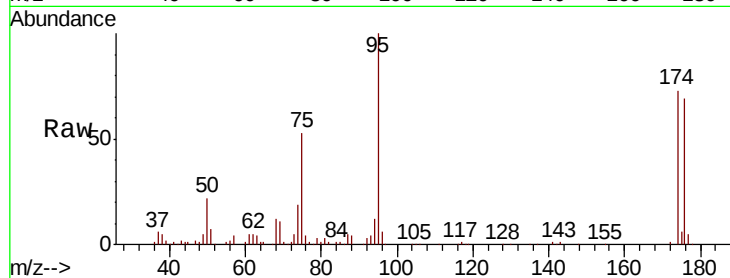
Tgt Ion: 95 Resp: 103599

Ion Ratio Lower Upper

95 100

174 73.5 0.0 147.8

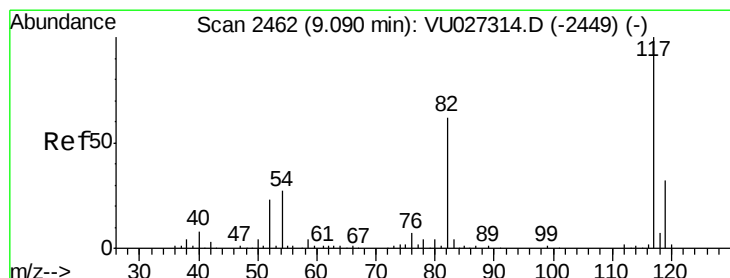
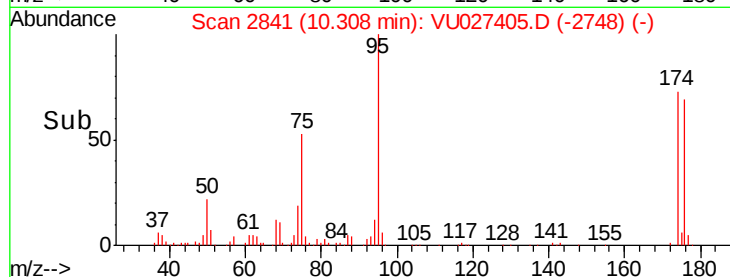
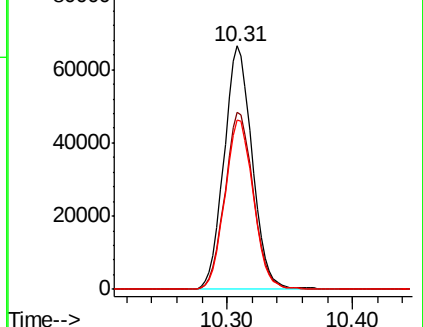
176 70.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027405.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU027405.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027405.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

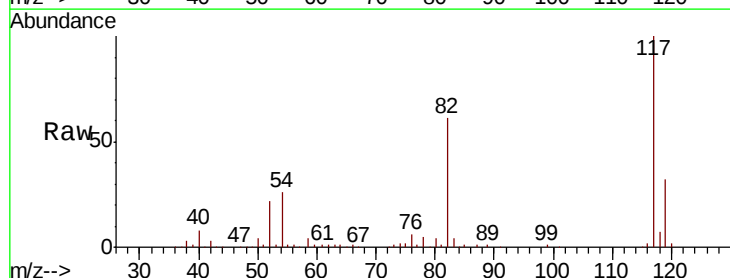
Tgt Ion: 117 Resp: 174636

Ion Ratio Lower Upper

117 100

82 61.5 49.2 73.8

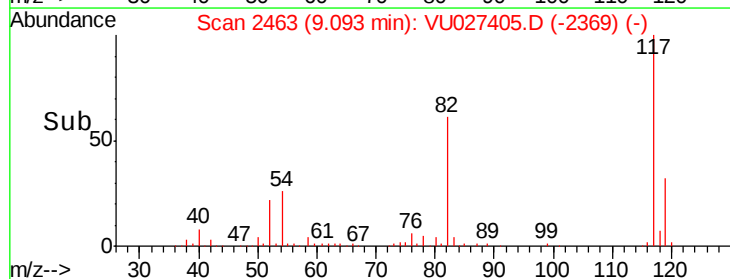
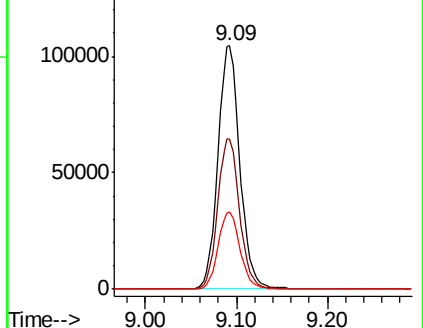
119 31.6 25.7 38.5

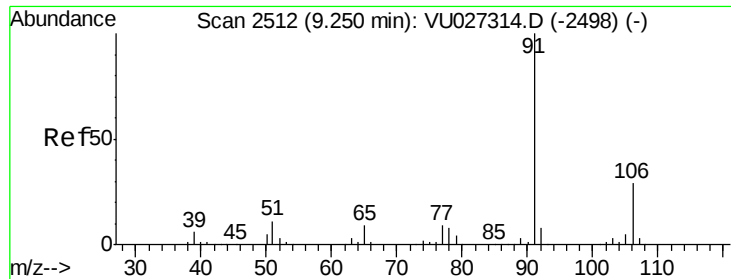


Abundance Ion 116.90 (116.60 to 117.60): VU027405.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU027405.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU027405.D (-2369) (-)

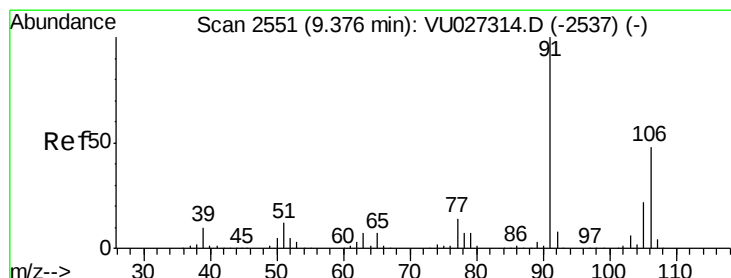
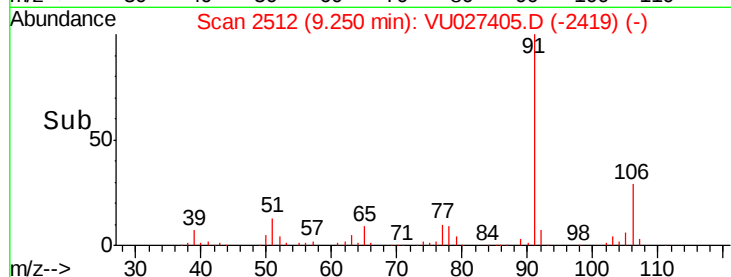
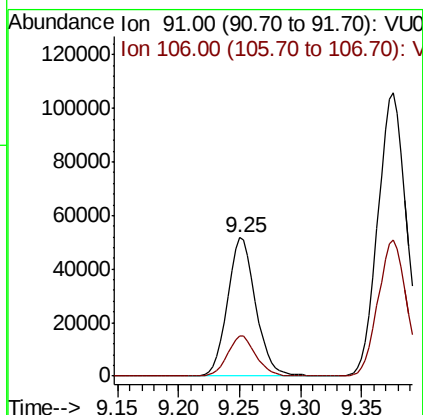
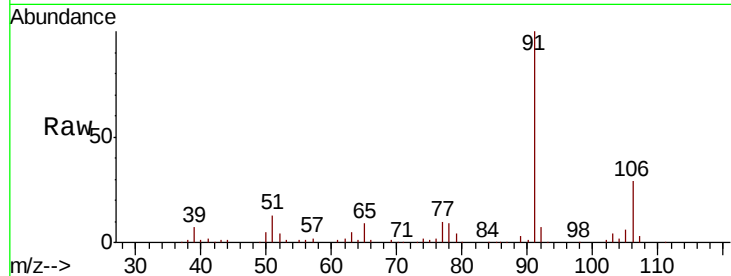




#67
Ethyl Benzene
Concen: 12.875 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

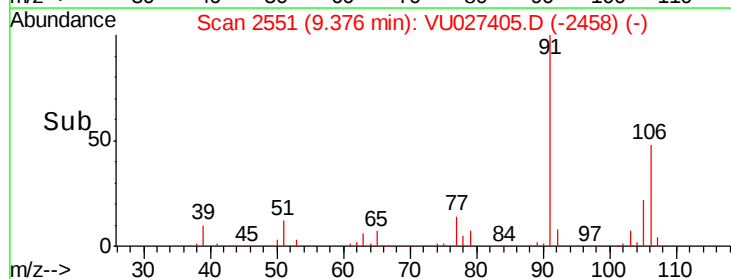
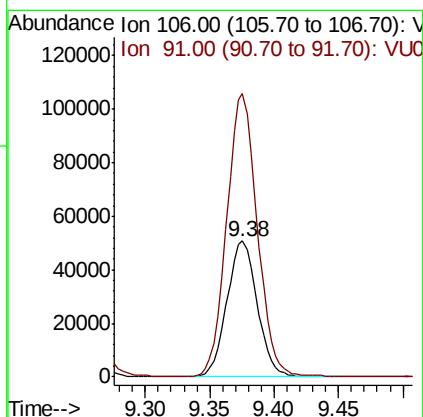
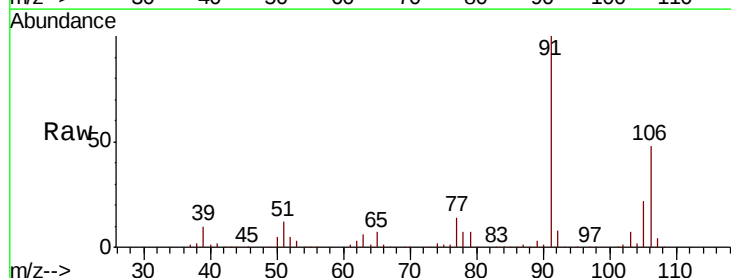
Instrument :
MSVOA_U
ClientSampleId :
B-10(13-13.5)DL

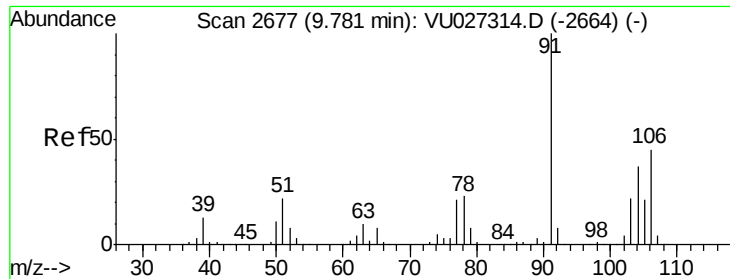
Tgt Ion: 91 Resp: 83854
Ion Ratio Lower Upper
91 100
106 28.8 23.6 35.4



#68
m/p-Xylenes
Concen: 34.889 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Tgt Ion: 106 Resp: 83114
Ion Ratio Lower Upper
106 100
91 210.3 168.1 252.1

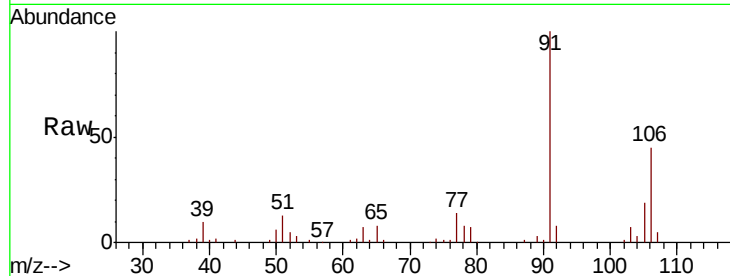




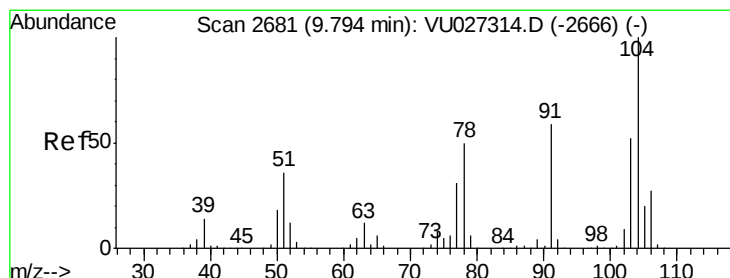
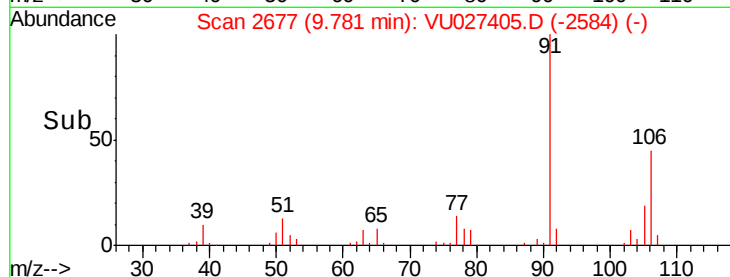
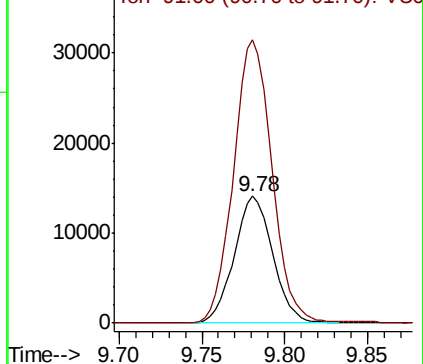
#69
o-Xylene
Concen: 10.036 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Instrument :
MSVOA_U
ClientSampleId :
B-10(13-13.5)DL

Tgt Ion:106 Resp: 22719
Ion Ratio Lower Upper
106 100
91 223.6 111.7 334.9

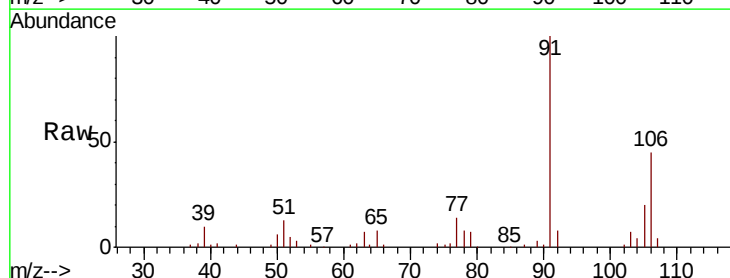


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

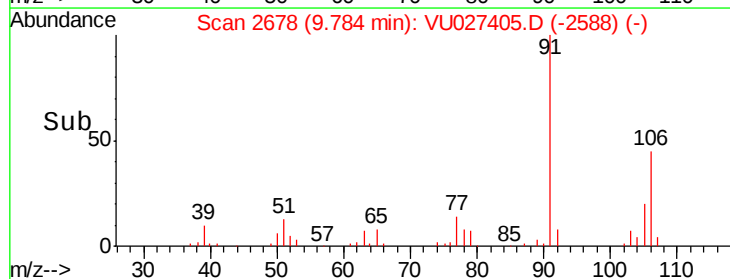
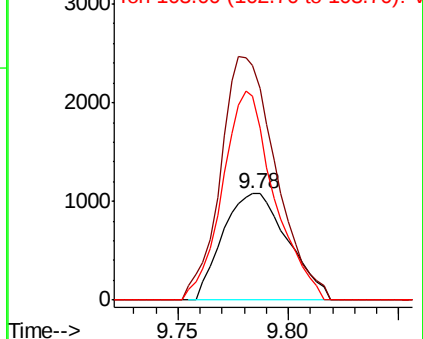


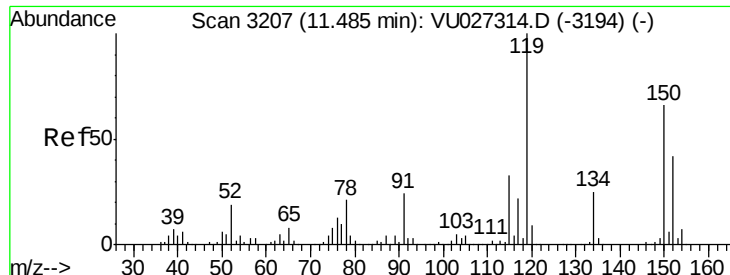
#70
Styrene
Concen: 2.798 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. -0.01 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Tgt Ion:104 Resp: 2211
Ion Ratio Lower Upper
104 100
78 195.6 42.9 64.3#
103 156.3 43.9 65.9#



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: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

B-10(13-13.5)DL

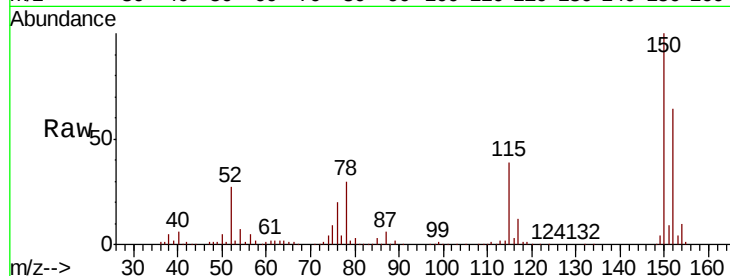
Tgt Ion:152 Resp: 96835

Ion Ratio Lower Upper

152 100

115 61.6 43.4 130.2

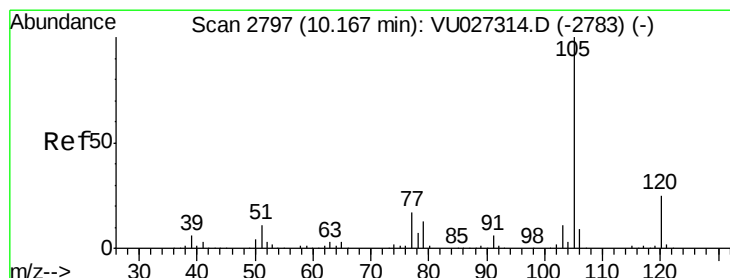
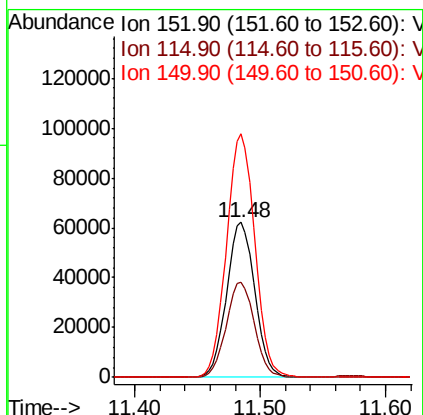
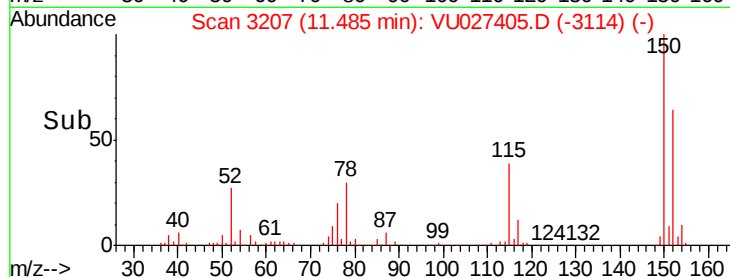
150 158.0 0.0 349.2



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



#73

Isopropylbenzene

Concen: 1.174 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027405.D

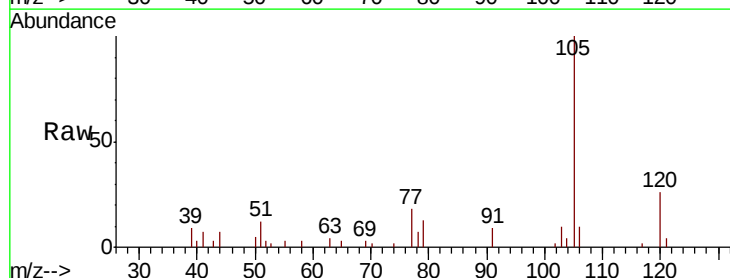
Acq: 04 Oct 2018 13:55

Tgt Ion:105 Resp: 8258

Ion Ratio Lower Upper

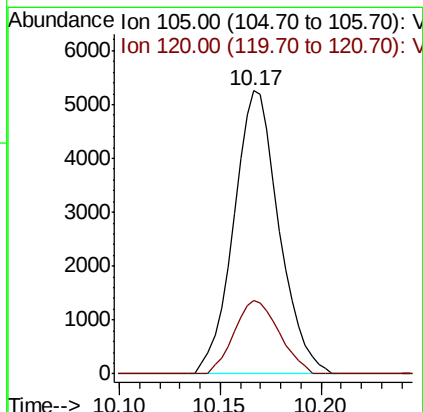
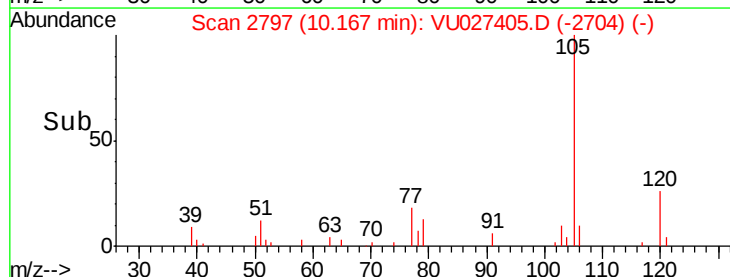
105 100

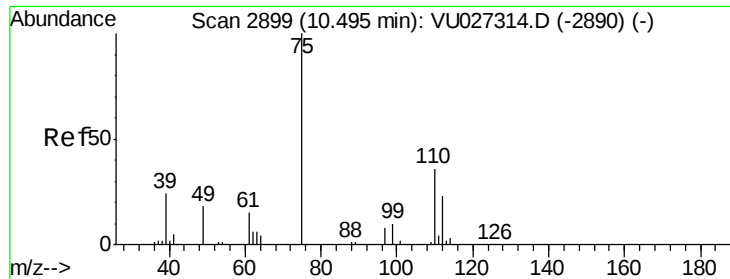
120 25.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

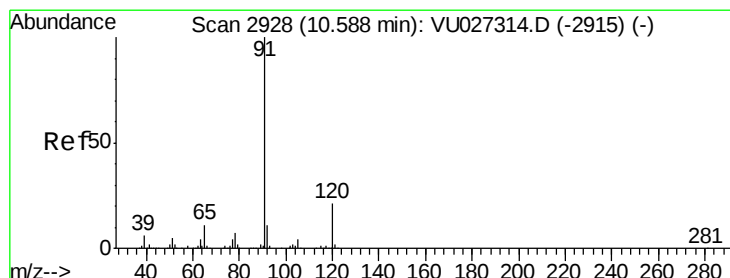
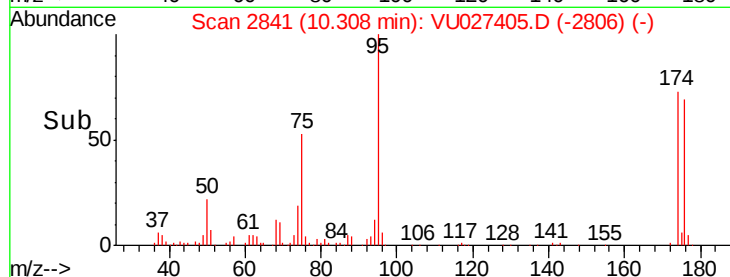
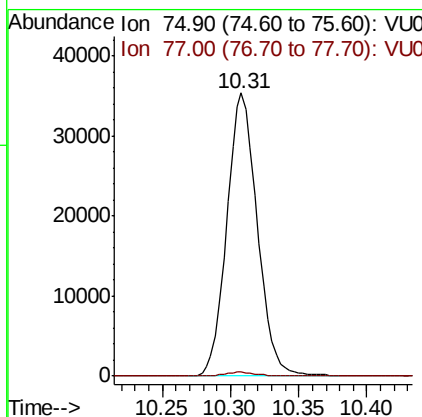
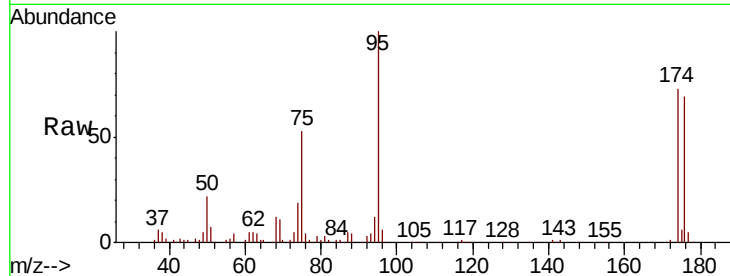




#76
 1,2,3-Trichloropropane
 Concen: 21.873 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027405.D
 Acq: 04 Oct 2018 13:55

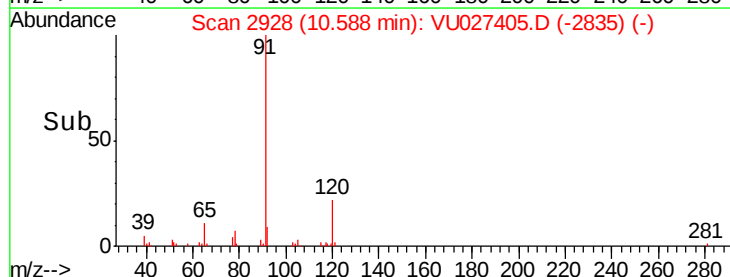
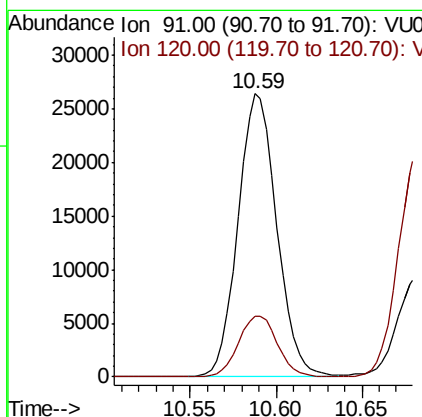
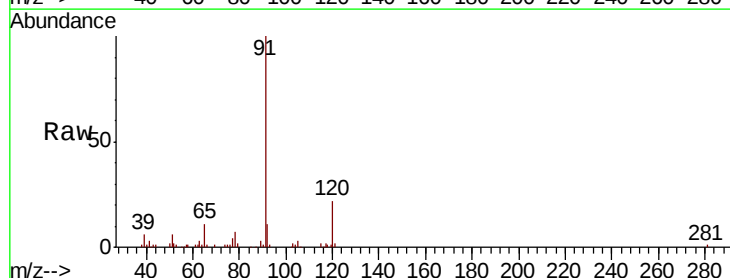
Instrument :
 MSVOA_U
 ClientSampleId :
 B-10(13-13.5)DL

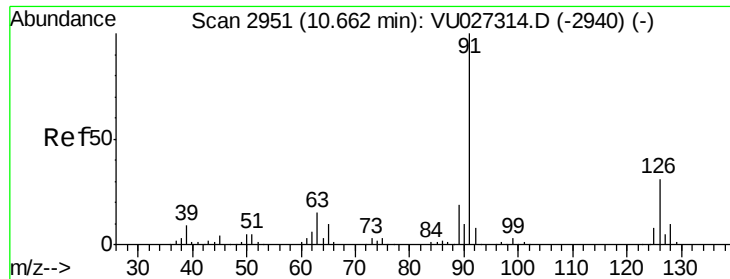
Tgt Ion: 75 Resp: 54905
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#



#78
 n-propylbenzene
 Concen: 4.887 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VU027405.D
 Acq: 04 Oct 2018 13:55

Tgt Ion: 91 Resp: 41302
 Ion Ratio Lower Upper
 91 100
 120 21.5 10.6 31.8





#79

2-Chlorotoluene

Concen: 3.929 ug/l

RT: 10.68 min Scan# 2957

Delta R.T. 0.02 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

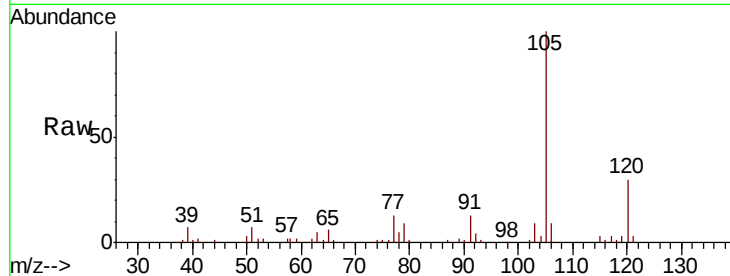
B-10(13-13.5)DL

Tgt Ion: 91 Resp: 20047

Ion Ratio Lower Upper

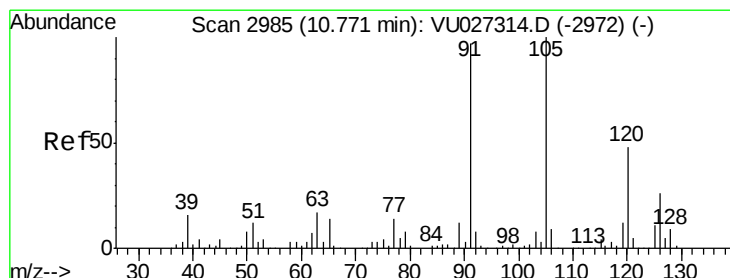
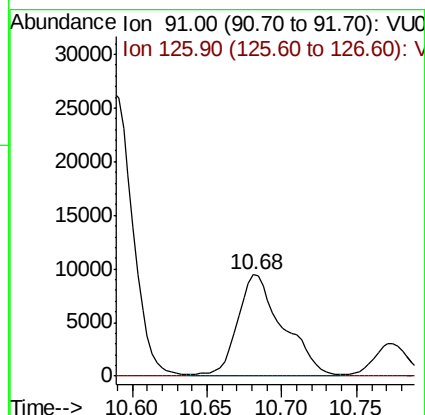
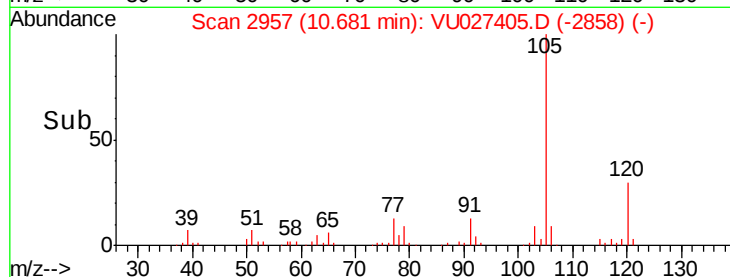
91 100

126 0.0 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU027314.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 7.072 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027405.D

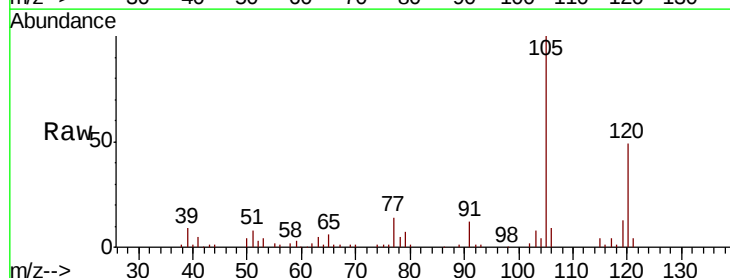
Acq: 04 Oct 2018 13:55

Tgt Ion: 105 Resp: 40491

Ion Ratio Lower Upper

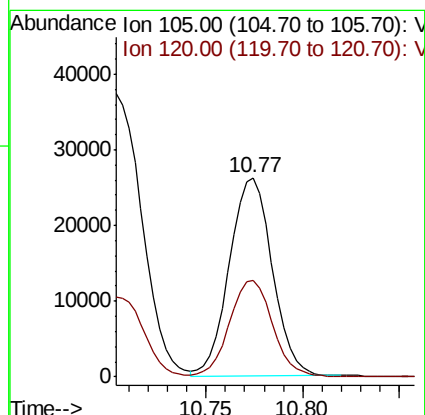
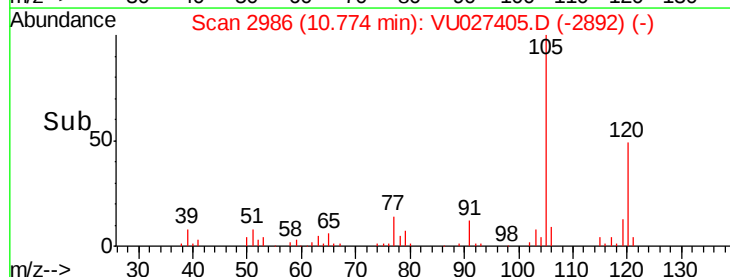
105 100

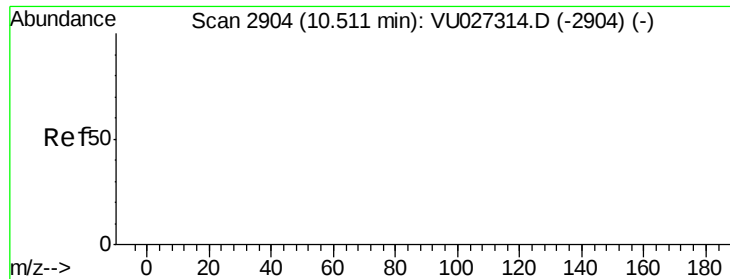
120 49.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027314.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027314.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 57.244 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

B-10(13-13.5)DL

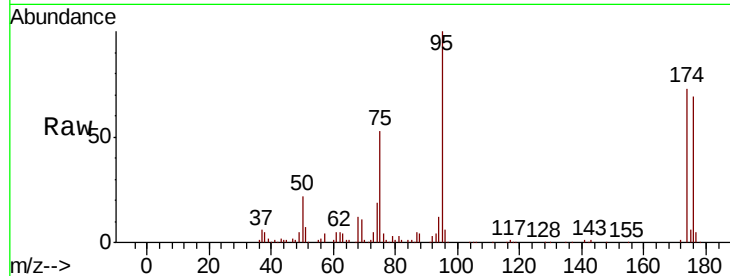
Tgt Ion: 75 Resp: 54905

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

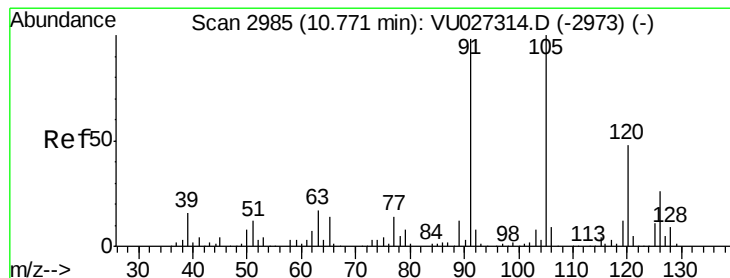
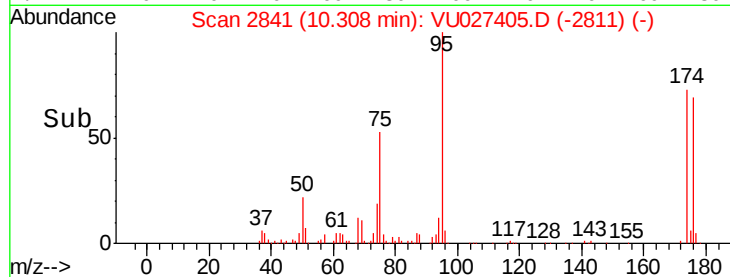
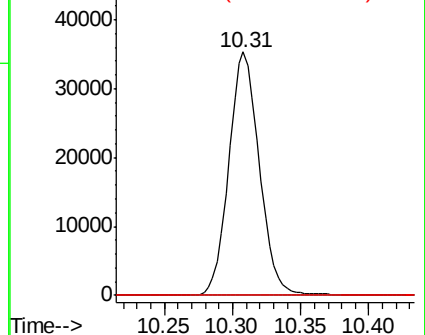
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 0.849 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027405.D

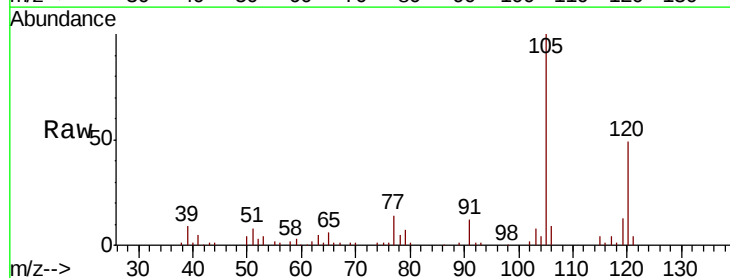
Acq: 04 Oct 2018 13:55

Tgt Ion: 91 Resp: 4914

Ion Ratio Lower Upper

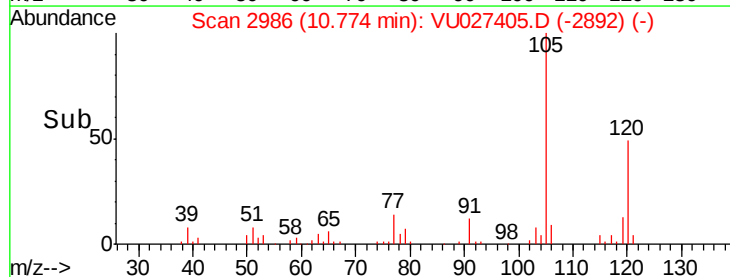
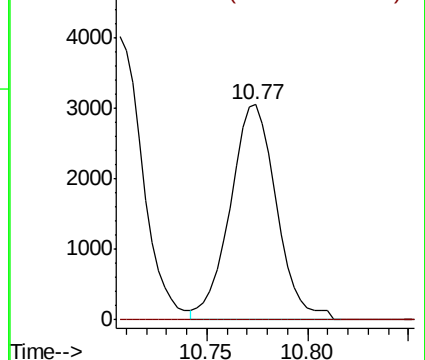
91 100

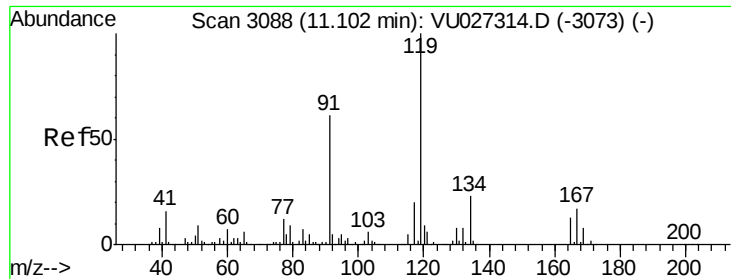
126 0.0 13.6 40.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

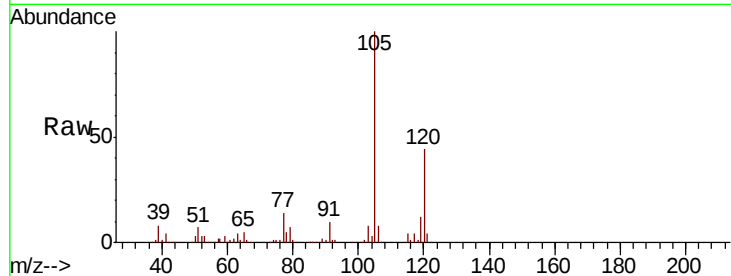




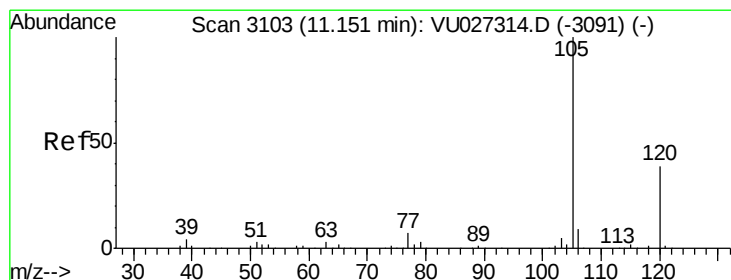
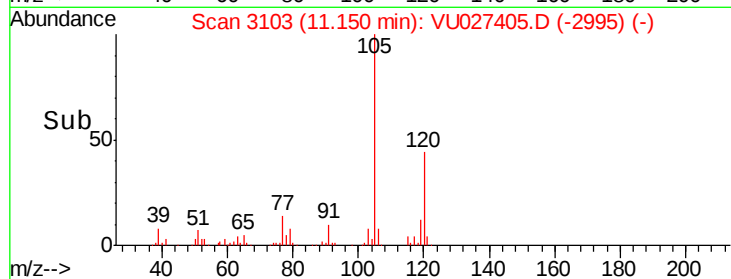
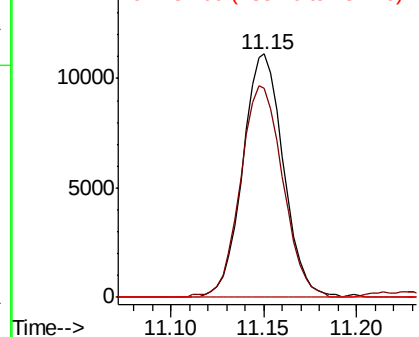
#83
tert-Butylbenzene
Concen: 3.064 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.05 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Instrument :
MSVOA_U
ClientSampleId :
B-10(13-13.5)DL

Tgt Ion:119 Resp: 16963
Ion Ratio Lower Upper
119 100
91 90.7 30.3 91.0
134 0.0 11.5 34.4#

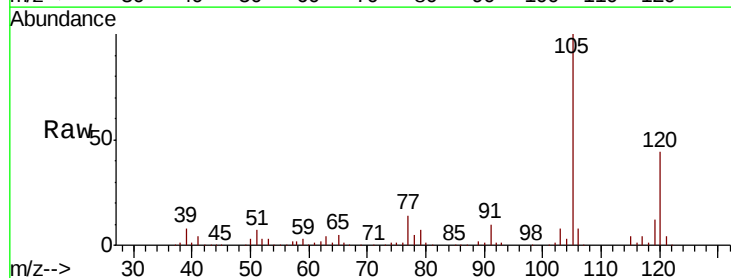


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

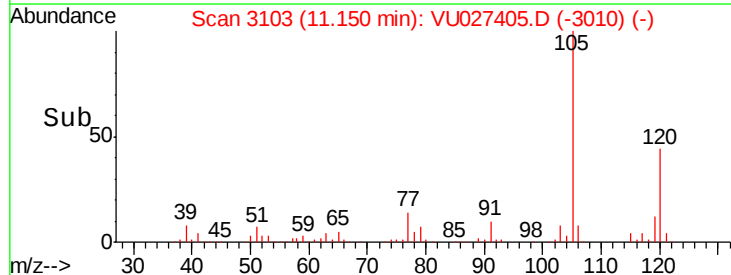
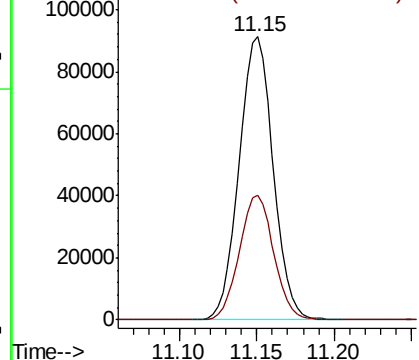


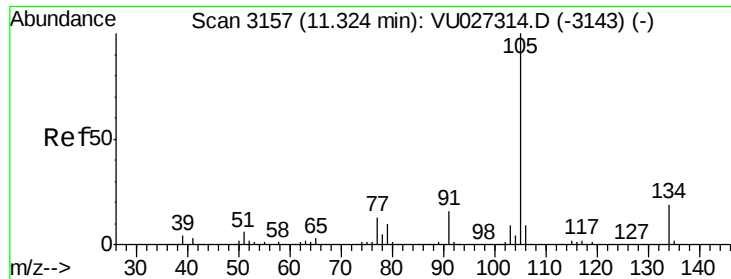
#84
1,2,4-Trimethylbenzene
Concen: 23.835 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Tgt Ion:105 Resp: 139408
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

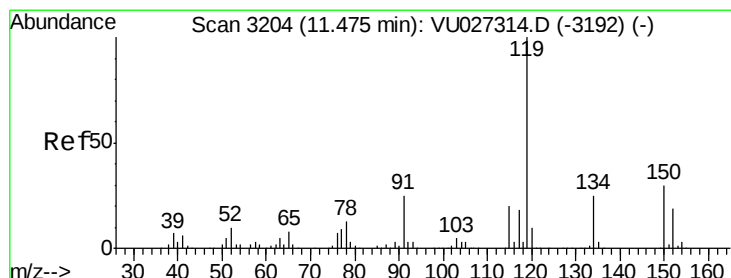
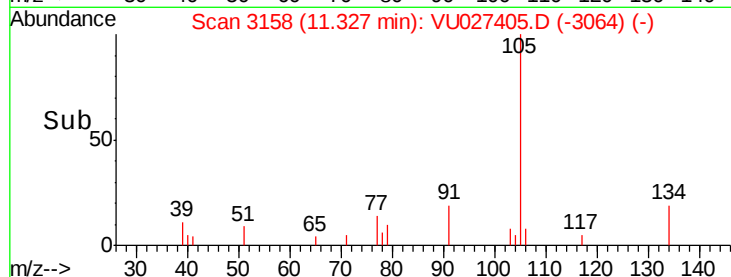
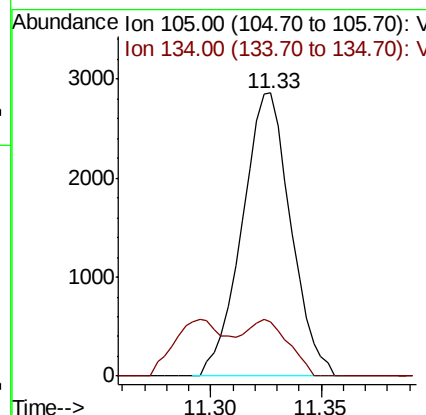
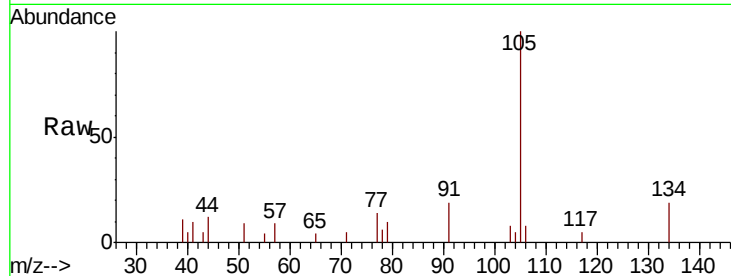




#85
 sec-Butylbenzene
 Concen: 0.628 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: VU027405.D
 Acq: 04 Oct 2018 13:55

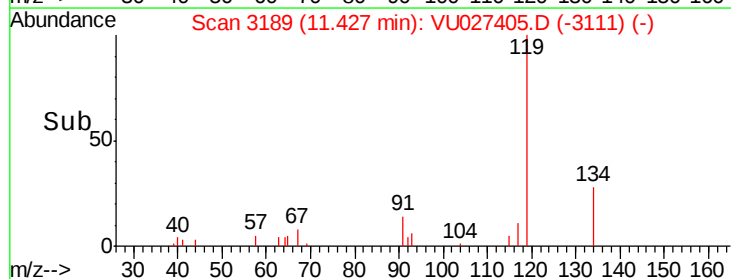
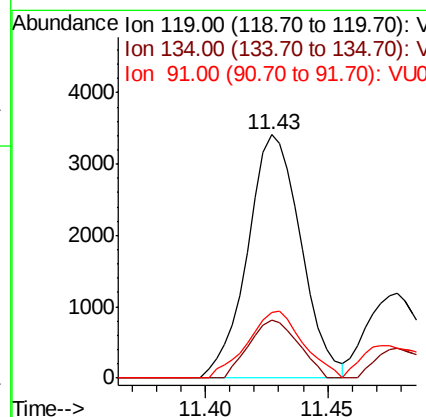
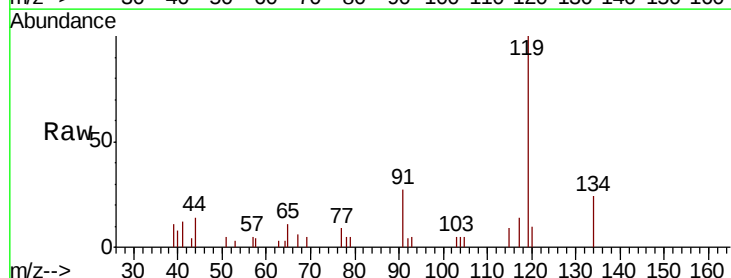
Instrument :
 MSVOA_U
 ClientSampleId :
 B-10(13-13.5)DL

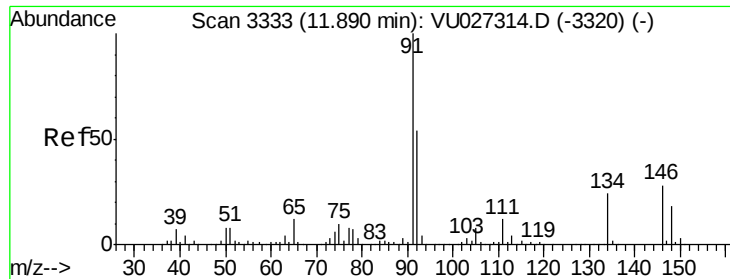
Tgt Ion:105 Resp: 4380
 Ion Ratio Lower Upper
 105 100
 134 15.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 0.867 ug/l
 RT: 11.43 min Scan# 3189
 Delta R.T. -0.05 min
 Lab File: VU027405.D
 Acq: 04 Oct 2018 13:55

Tgt Ion:119 Resp: 5176
 Ion Ratio Lower Upper
 119 100
 134 22.0 12.7 38.1
 91 28.6 12.2 36.4





#89

n-Butylbenzene

Concen: 4.408 ug/l

RT: 11.89 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VU027405.D

Acq: 04 Oct 2018 13:55

Instrument :

MSVOA_U

ClientSampleId :

B-10(13-13.5)DL

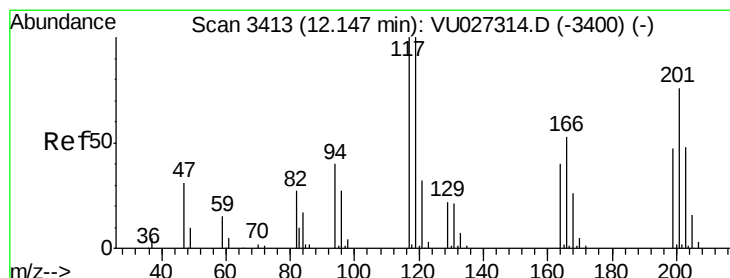
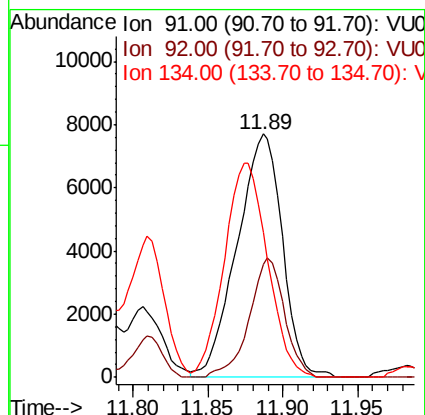
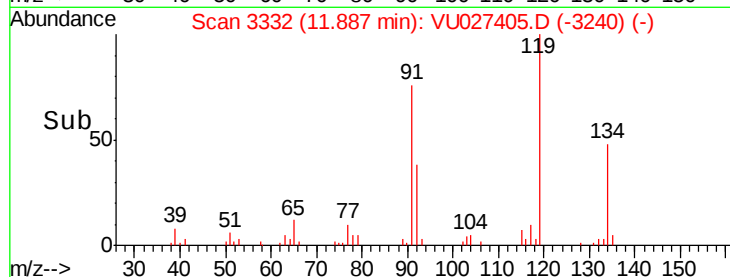
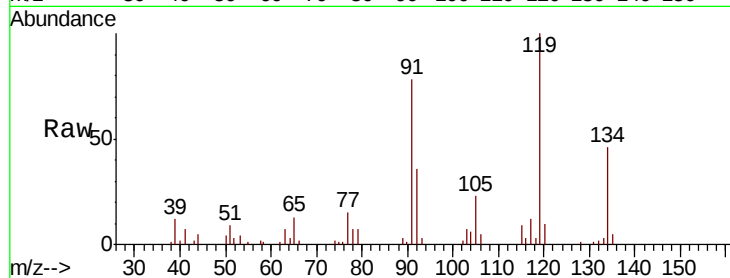
Tgt Ion: 91 Resp: 16214

Ion Ratio Lower Upper

91 100

92 38.1 27.0 81.0

134 84.2 11.7 35.1#



#90

Hexachloroethane

Concen: 1.578 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VU027405.D

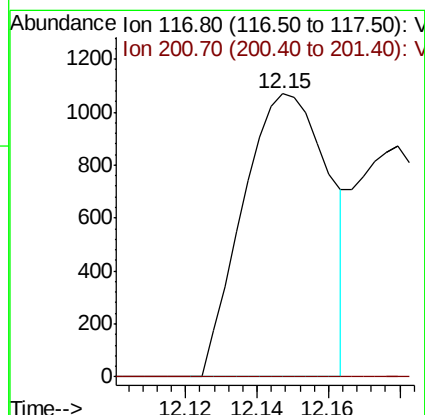
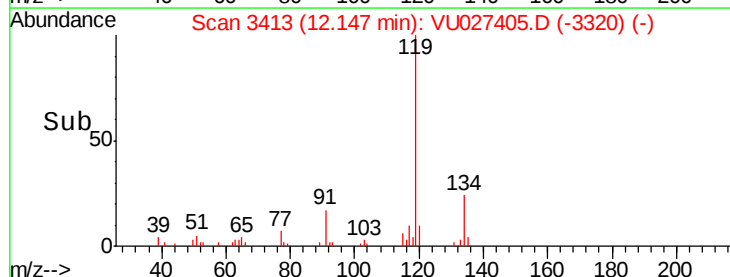
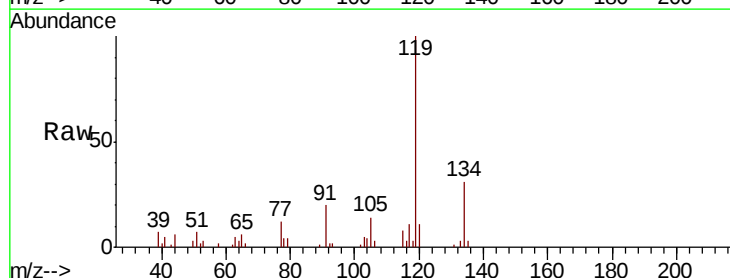
Acq: 04 Oct 2018 13:55

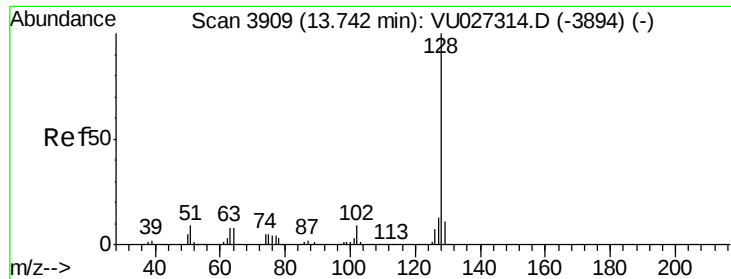
Tgt Ion: 117 Resp: 1776

Ion Ratio Lower Upper

117 100

201 0.0 37.9 113.6#

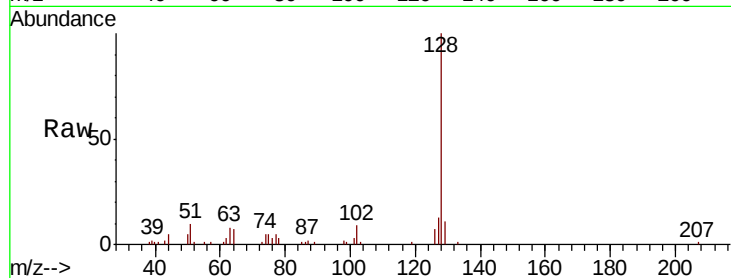




#95
Naphthalene
Concen: 4.695 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027405.D
Acq: 04 Oct 2018 13:55

Instrument :
MSVOA_U
ClientSampleId :
B-10(13-13.5)DL

Tgt Ion:128 Resp: 22984
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.2 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

