

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027390.D
 Acq On : 04 Oct 2018 04:51
 Operator : MD/SY
 Sample : J5194-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 07:40:12 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	97807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	173700	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	169543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90058	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	103583	63.42	ug/l	0.00
Spiked Amount			Recovery	=	126.84%	
35) Dibromofluoromethane	4.88	113	71678	60.21	ug/l	0.00
Spiked Amount			Recovery	=	120.42%	
50) Toluene-d8	7.57	98	271385	60.91	ug/l	0.00
Spiked Amount			Recovery	=	121.82%	
62) 4-Bromofluorobenzene	10.31	95	95355	57.59	ug/l	0.00
Spiked Amount			Recovery	=	115.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.82	59	105	0.305	ug/l #	72
14) Allyl chloride	2.70	41	11685	4.763	ug/l #	26
16) Acetone	2.32	43	9908	10.269	ug/l	97
18) Methyl Acetate	2.62	43	3527	1.602	ug/l	93
20) Methylene Chloride	2.70	84	232301	172.847	ug/l	99
25) 2-Butanone	4.29	43	1256	0.955	ug/l #	54
29) Tetrahydrofuran	4.65	42	180	0.217	ug/l #	39
30) Chloroform	4.68	83	2525	1.109	ug/l	86
31) Cyclohexane	4.99	56	2539	0.735	ug/l #	8
36) 1,1-Dichloropropene	4.99	75	9020	4.783	ug/l #	51
38) Carbon Tetrachloride	4.99	117	10324	6.060	ug/l #	18
41) Methacrylonitrile	4.66	41	349	0.253	ug/l #	27
43) Isopropyl Acetate	5.55	43	98438	26.003	ug/l	98
47) Bromodichloromethane	6.76	83	581	0.313	ug/l #	91
48) Methyl methacrylate	6.71	41	9755	5.182	ug/l #	45
51) 4-Methyl-2-Pentanone	7.47	43	1056	0.429	ug/l #	62
56) Ethyl methacrylate	7.84	69	20	2.279	ug/l #	1
59) 2-Hexanone	8.42	43	6122	3.208	ug/l #	55
68) m/p-Xylenes	9.38	106	1257	0.543	ug/l	97
69) o-Xylene	9.78	106	1876	0.854	ug/l	92
70) Styrene	9.80	104	174	2.340	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	50897	21.802	ug/l #	37
78) n-propylbenzene	10.59	91	1748	0.222	ug/l	97
79) 2-Chlorotoluene	10.68	91	1182	0.249	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	5932	1.114	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.31	75	50897	57.058	ug/l #	100
83) tert-Butylbenzene	11.15	119	1772	0.344	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.15	105	12570	2.311	ug/l	97
86) p-Isopropyltoluene	11.43	119	1417	0.255	ug/l	94
89) n-Butylbenzene	11.88	91	1923	2.263	ug/l #	30
90) Hexachloroethane	12.15	117	338	0.323	ug/l #	12
95) Naphthalene	13.74	128	105400	16.626	ug/l	99

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QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

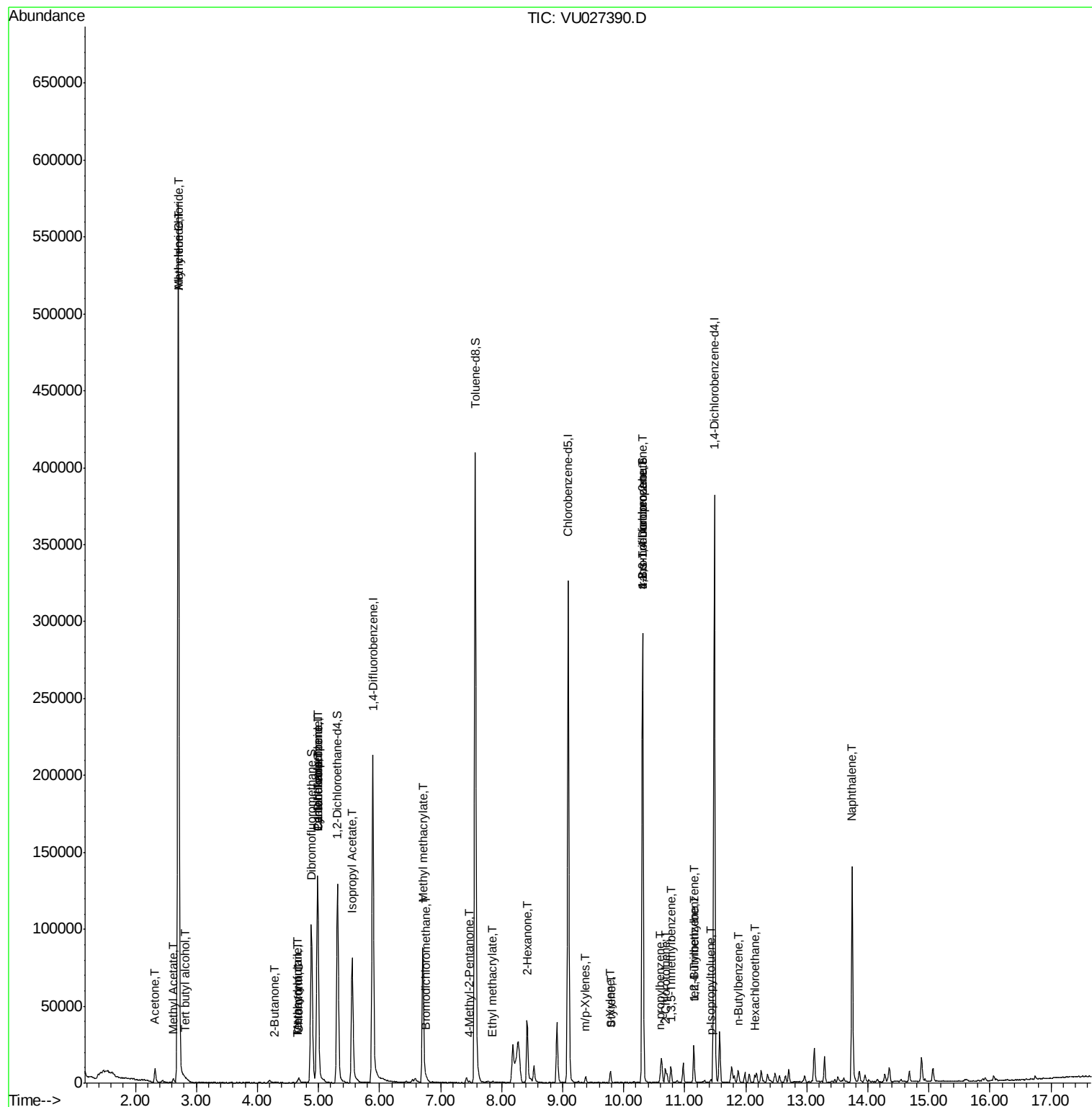
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

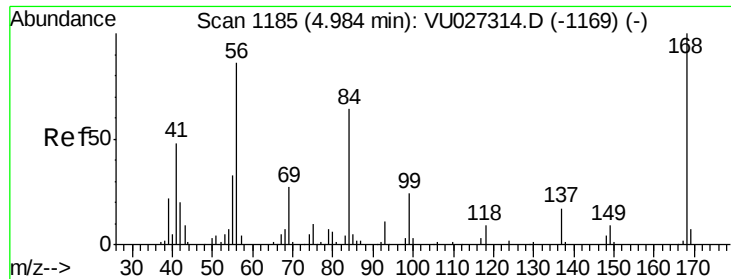
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VU027390.D

Acq: 04 Oct 2018 04:51

Instrument :

MSVOA_U

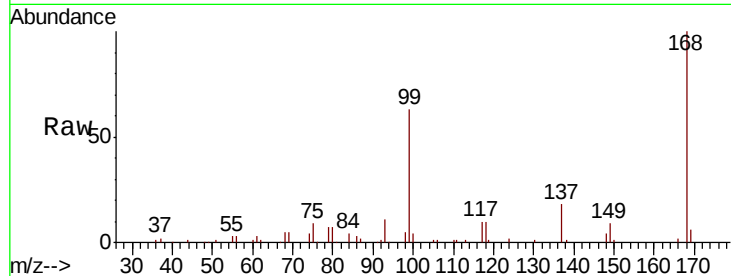
ClientSampleId :

Tot Ion:168 Resp: 97807

Ion Ratio Lower Upper

168 100

99 62.5 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027390.D (-1092) (-)

4.99

50000

40000

30000

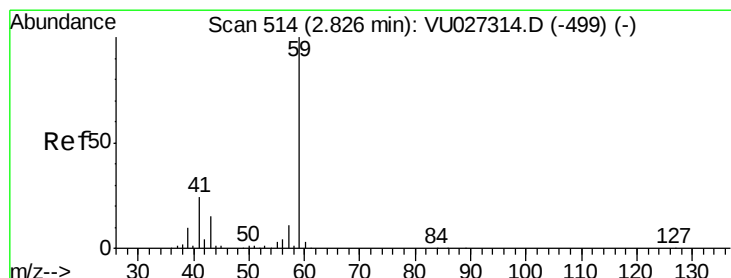
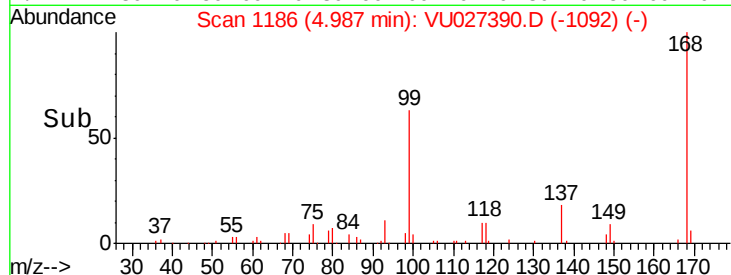
20000

10000

0

4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.305 ug/l

RT: 2.82 min Scan# 513

Delta R.T. -0.00 min

Lab File: VU027390.D

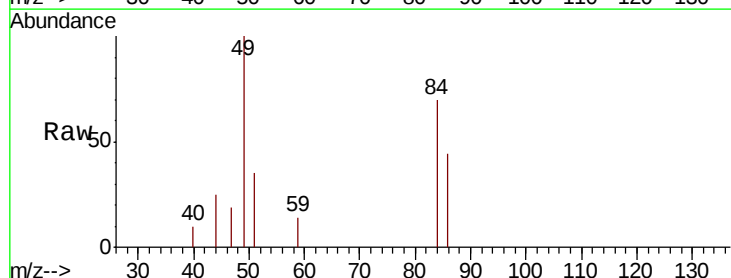
Acq: 04 Oct 2018 04:51

Tgt Ion: 59 Resp: 105

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027390.D (-421) (-)

2.82

200

150

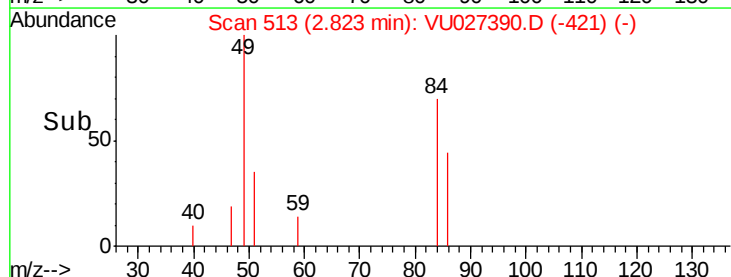
100

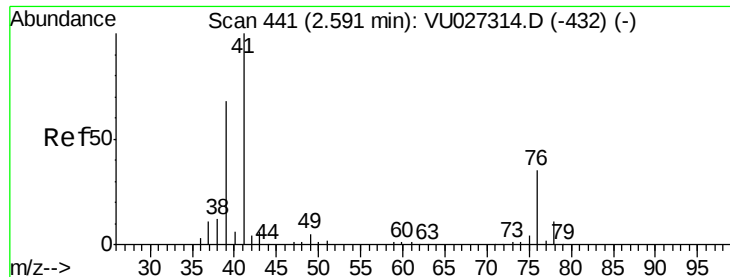
50

0

2.81 2.82 2.83

Time-->

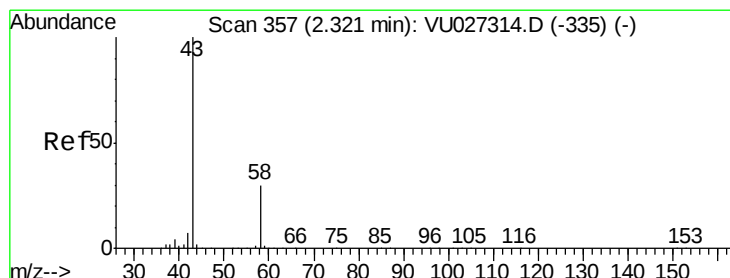
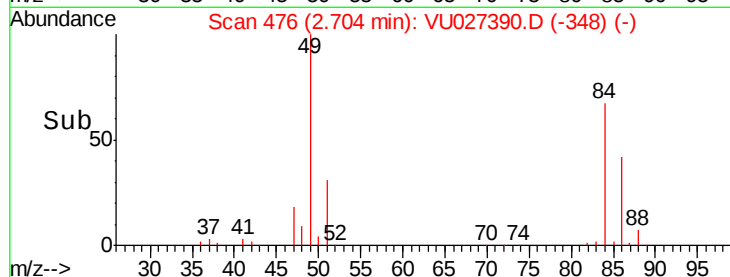
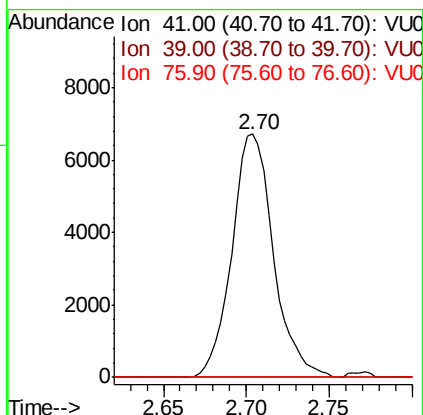
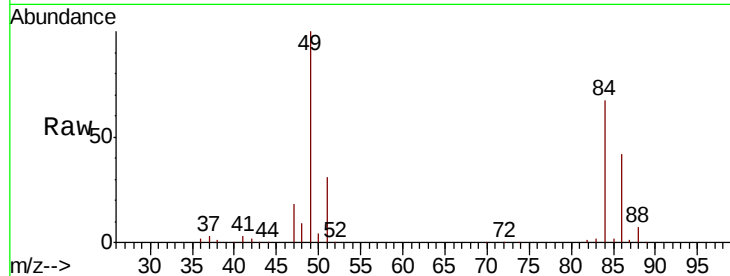




#14
Allvl chloride
Concen: 4.763 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.11 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

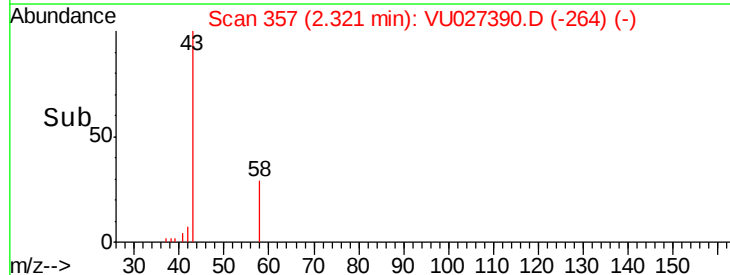
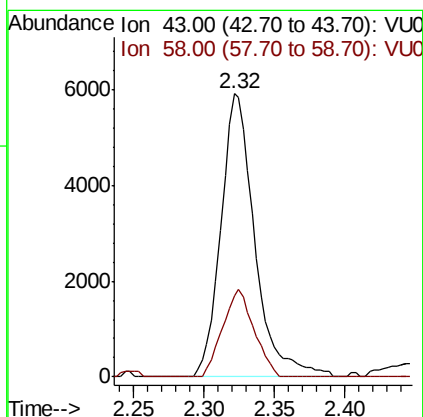
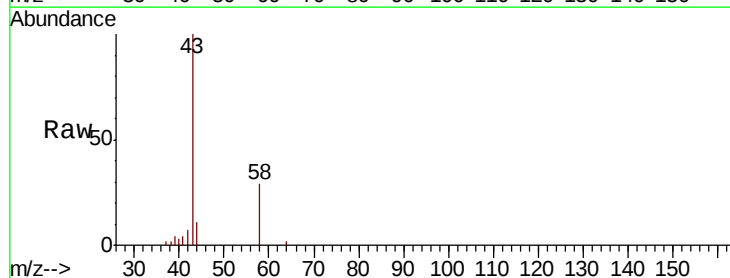
Instrument :
MSVOA_U
ClientSampleId :

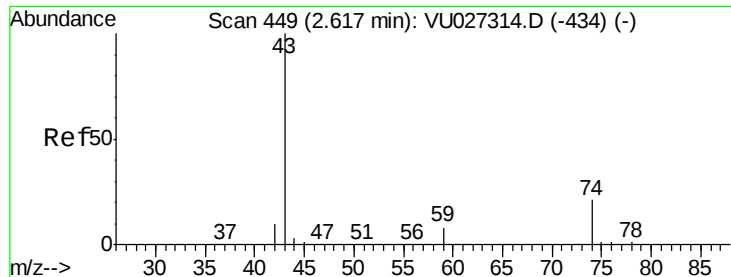
Tot Ion: 41 Resp: 11685
Ion Ratio Lower Upper
41 100
39 0.0 51.8 77.8#
76 0.0 25.9 38.9#



#16
Acetone
Concen: 10.269 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion: 43 Resp: 9908
Ion Ratio Lower Upper
43 100
58 28.8 24.2 36.4

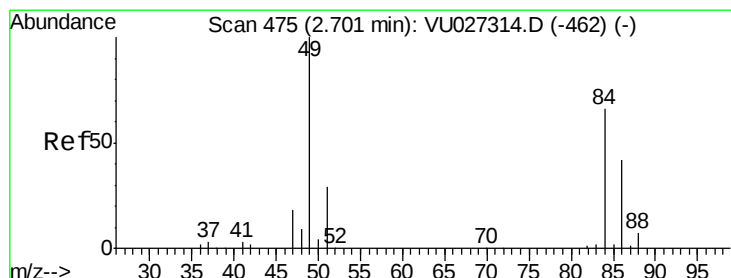
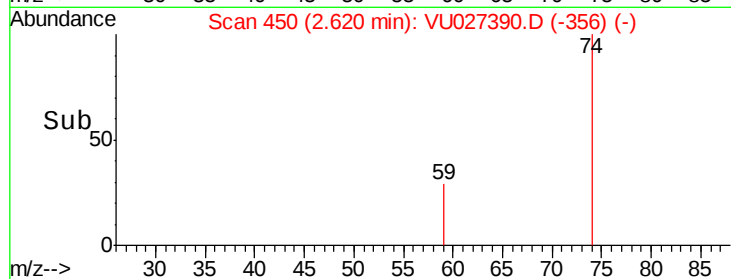
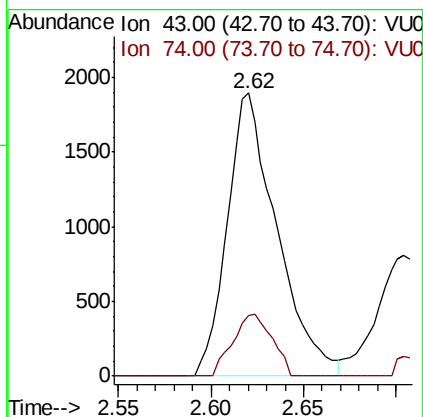
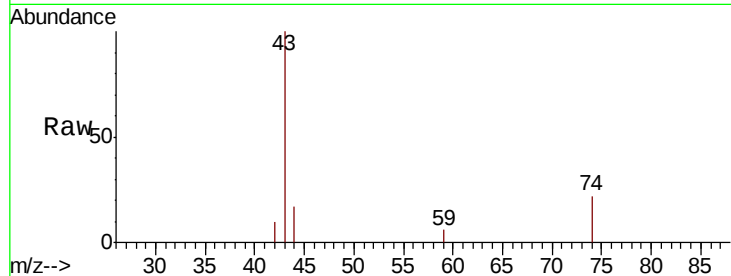




#18
Methvl Acetate
Concen: 1.602 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

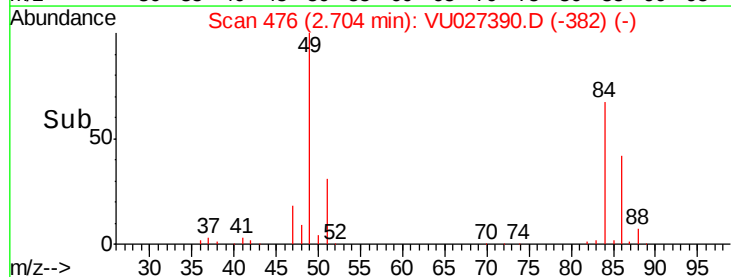
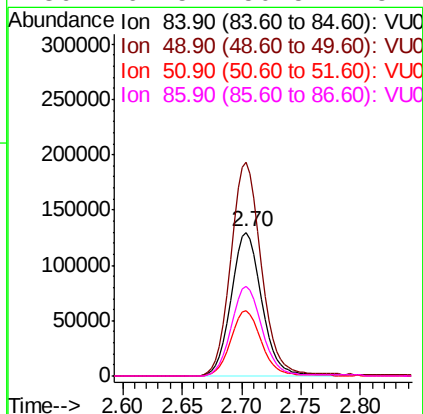
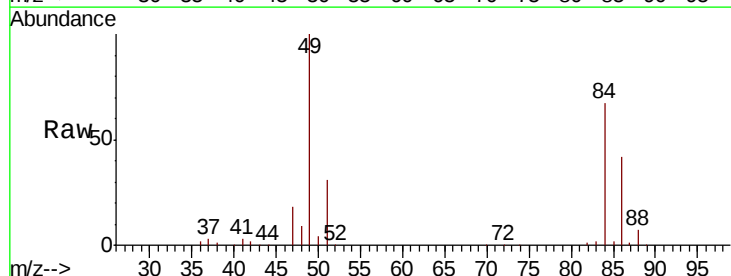
Instrument :
MSVOA_U
ClientSampleId :

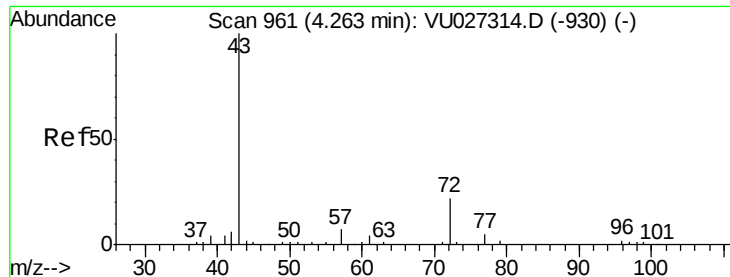
Tot Ion: 43 Resp: 3527
Ion Ratio Lower Upper
43 100
74 17.2 16.5 24.7



#20
Methylene Chloride
Concen: 172.847 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion: 84 Resp: 232301
Ion Ratio Lower Upper
84 100
49 148.8 120.5 180.7
51 45.6 35.1 52.7
86 62.5 50.5 75.7





#25

2-Butanone

Concen: 0.955 ug/l

RT: 4.29 min Scan# 969

Delta R.T. 0.03 min

Lab File: VU027390.D

Acq: 04 Oct 2018 04:51

Instrument :

MSVOA_U

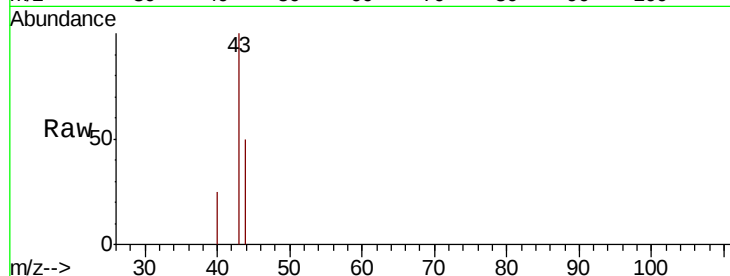
ClientSampleId :

Tot Ion: 43 Resp: 1256

Ion Ratio Lower Upper

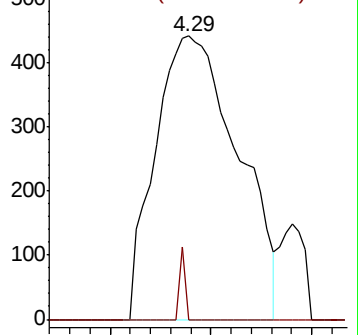
43 100

72 0.0 17.8 26.6#

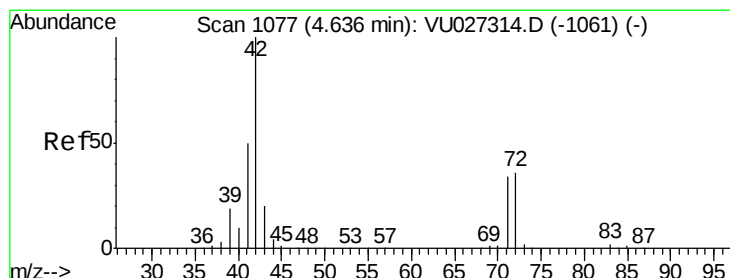
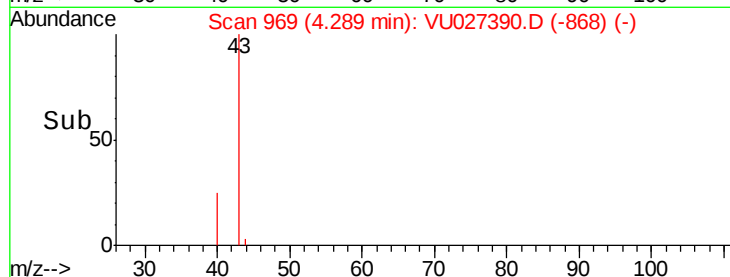


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->



#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 4.65 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VU027390.D

Acq: 04 Oct 2018 04:51

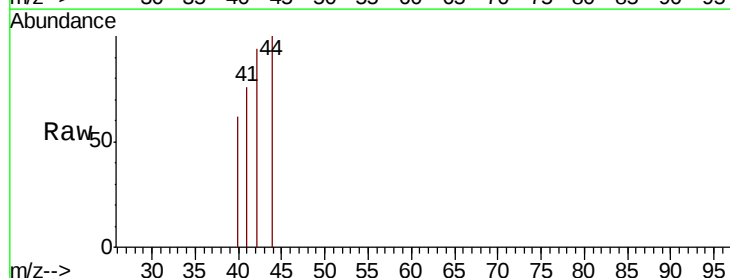
Tgt Ion: 42 Resp: 180

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

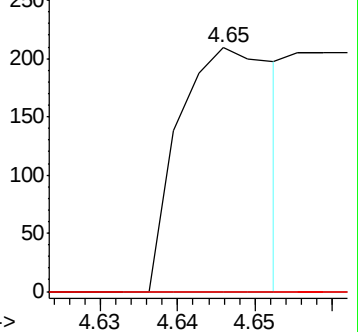
71 0.0 27.7 41.5#



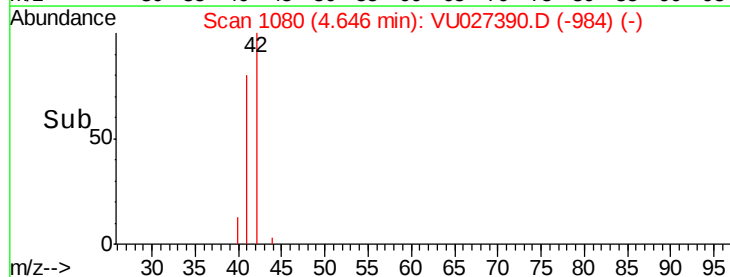
Abundance Ion 42.00 (41.70 to 42.70): VU0

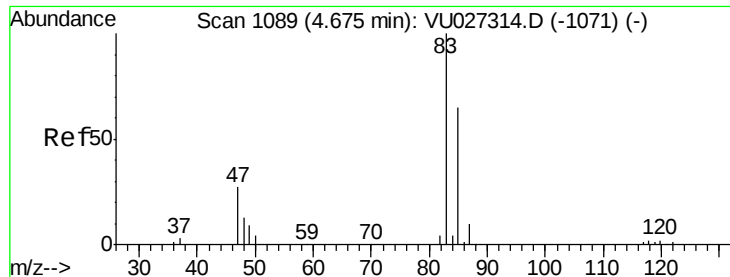
Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



Time-->

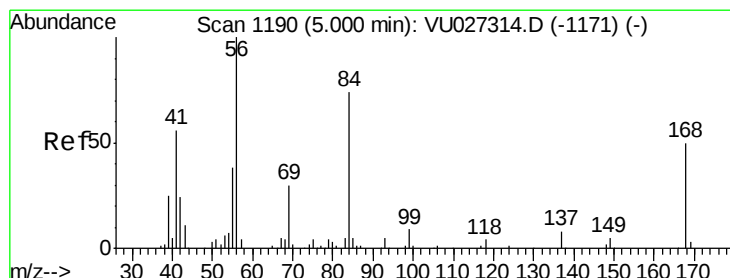
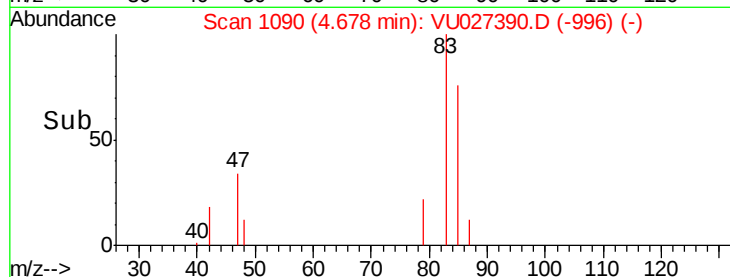
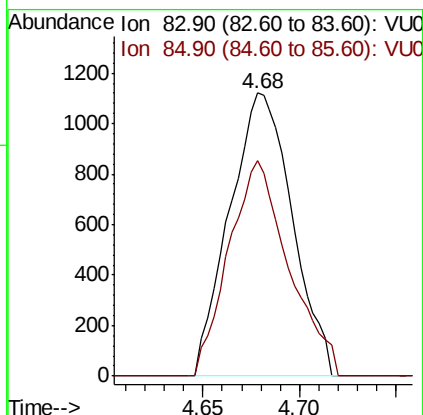
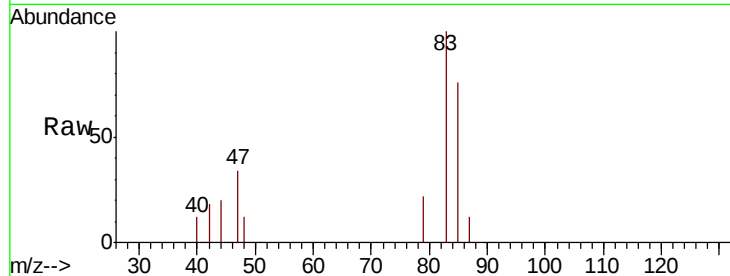




#30
Chloroform
Concen: 1.109 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

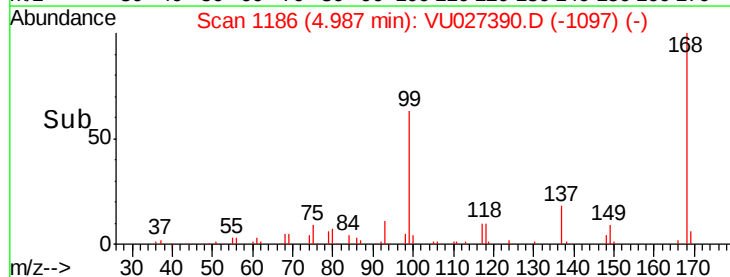
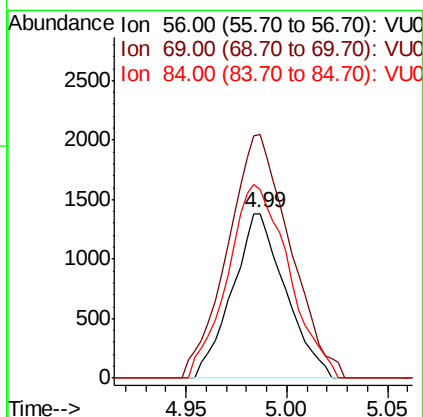
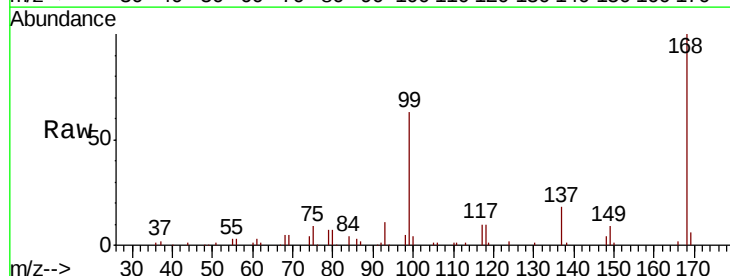
Instrument :
MSVOA_U
ClientSampled :

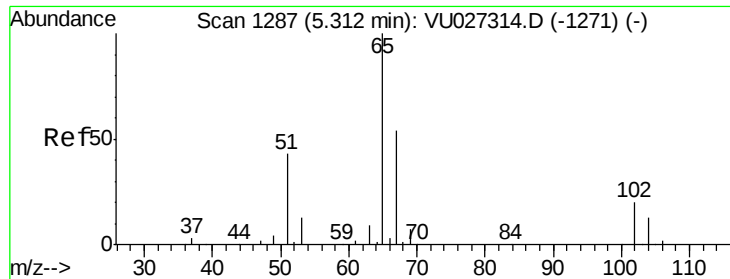
Tot Ion: 83 Resp: 2525
Ion Ratio Lower Upper
83 100
85 76.1 51.8 77.6



#31
Cyclohexane
Concen: 0.735 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion: 56 Resp: 2539
Ion Ratio Lower Upper
56 100
69 138.1 24.1 36.1#
84 114.7 59.1 88.7#

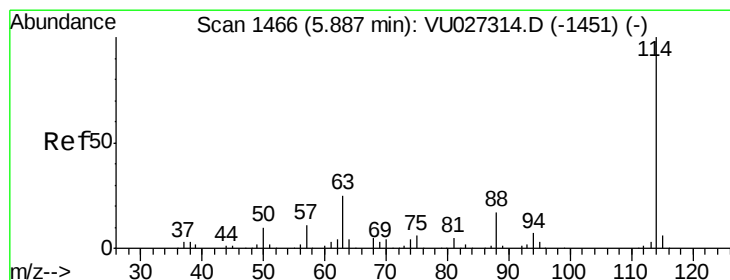
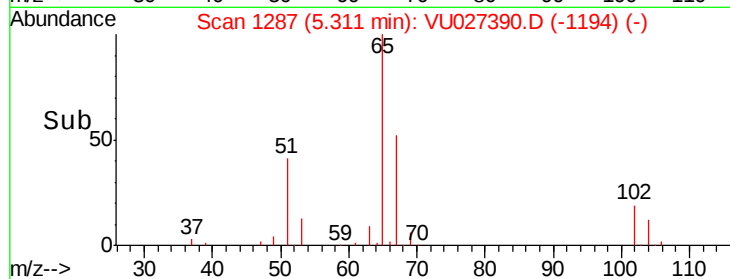
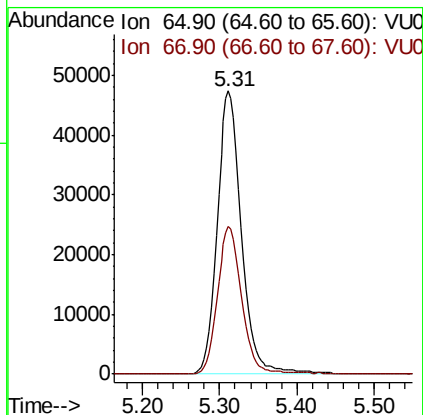
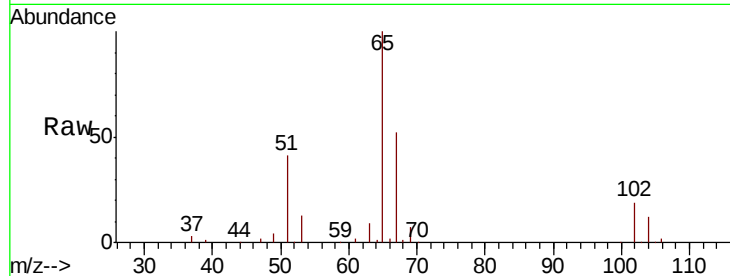




#33
 1,2-Dichloroethane-d4
 Concen: 63.423 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027390.D
 Acq: 04 Oct 2018 04:51

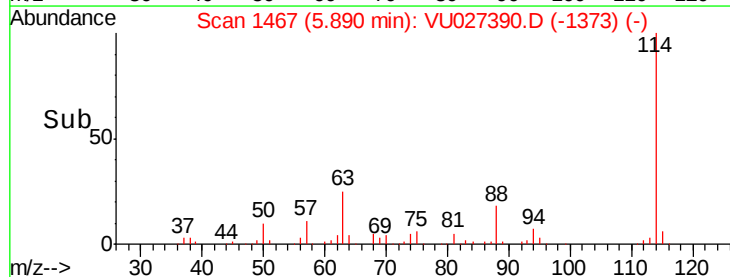
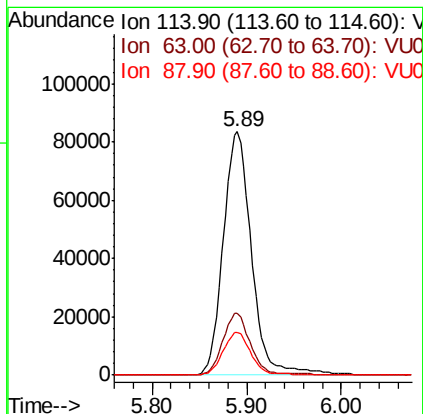
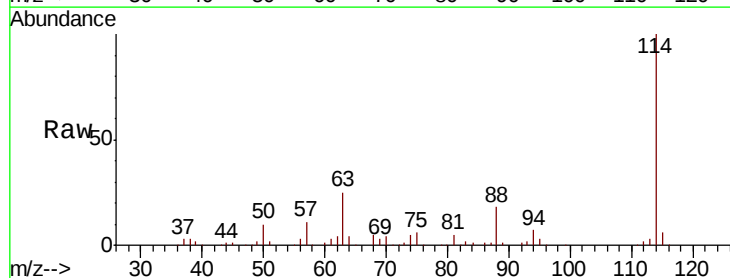
Instrument :
 MSVOA_U
 ClientSampled :

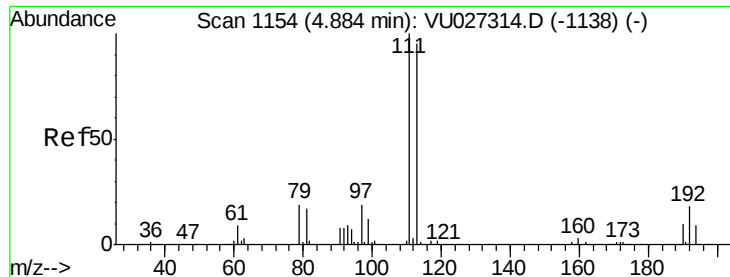
Tot Ion: 65 Resp: 103583
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027390.D
 Acq: 04 Oct 2018 04:51

Tgt Ion: 114 Resp: 173700
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.2
 88 17.6 0.0 33.8

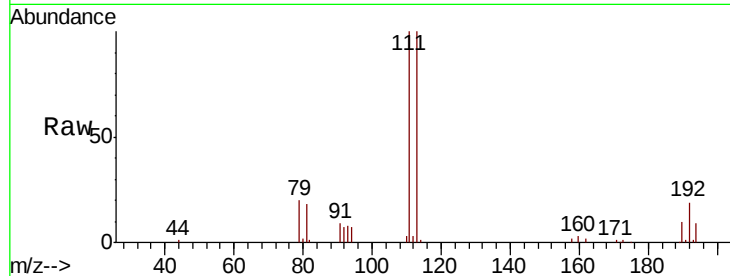




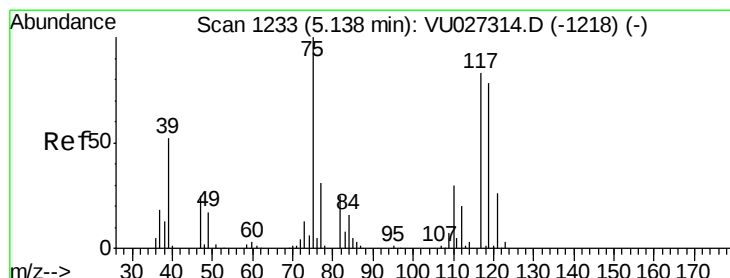
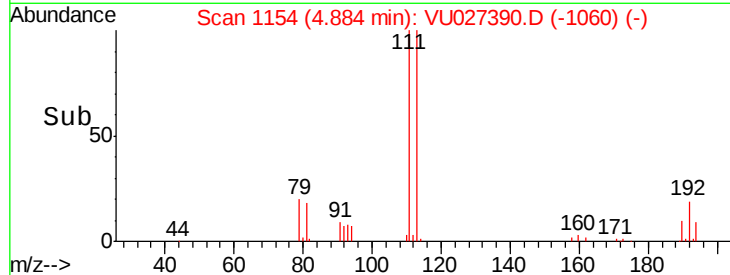
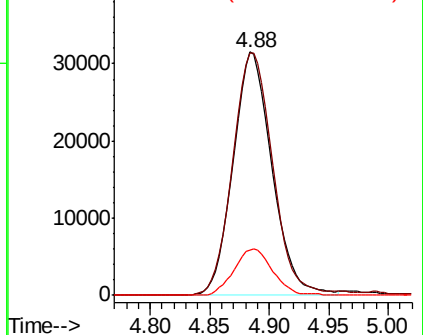
#35
 Dibromofluoromethane
 Concen: 60.212 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027390.D
 Acq: 04 Oct 2018 04:51

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:113 Resp: 71678
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.1 124.7
 192 18.9 15.4 23.0

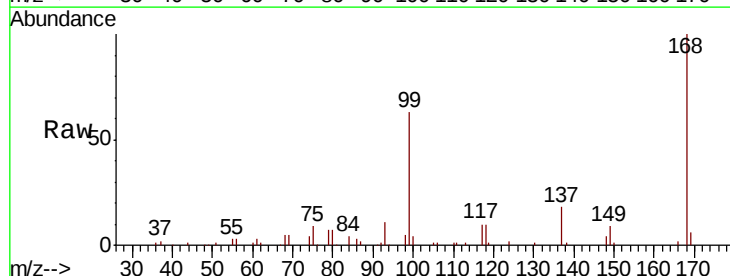


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

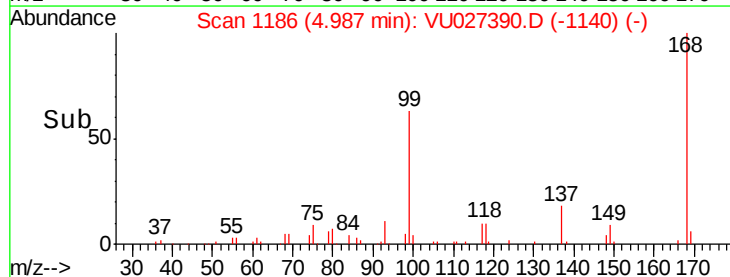
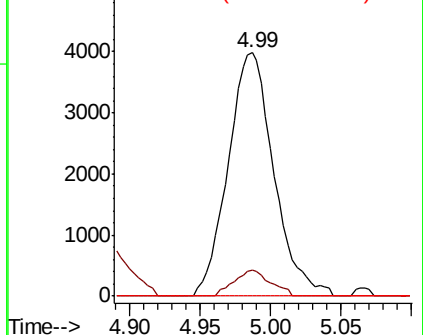


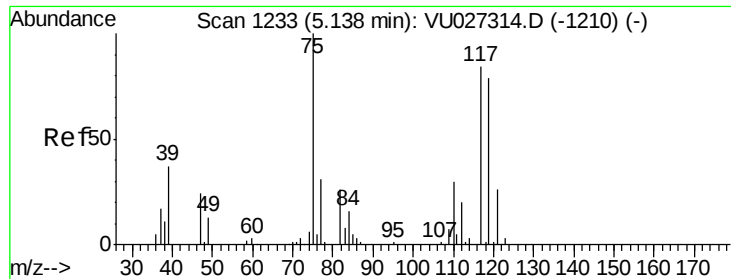
#36
 1,1-Dichloropropene
 Concen: 4.783 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027390.D
 Acq: 04 Oct 2018 04:51

Tgt Ion: 75 Resp: 9020
 Ion Ratio Lower Upper
 75 100
 110 8.4 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: 6.060 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027390.D

Acq: 04 Oct 2018 04:51

Instrument :

MSVOA_U

ClientSampleId :

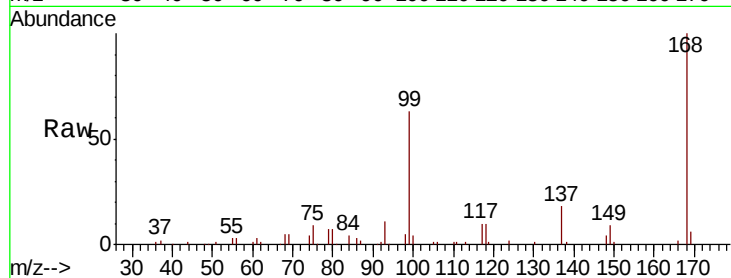
Tot Ion:117 Resp: 10324

Ion Ratio Lower Upper

117 100

119 6.2 74.5 111.7#

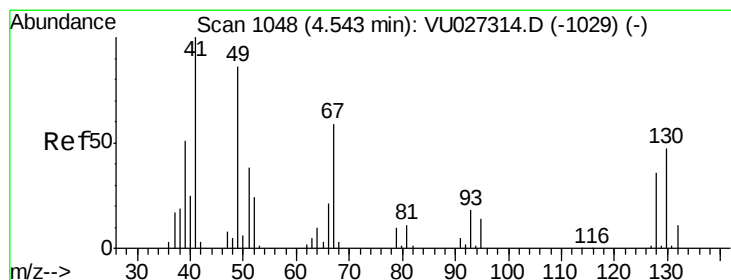
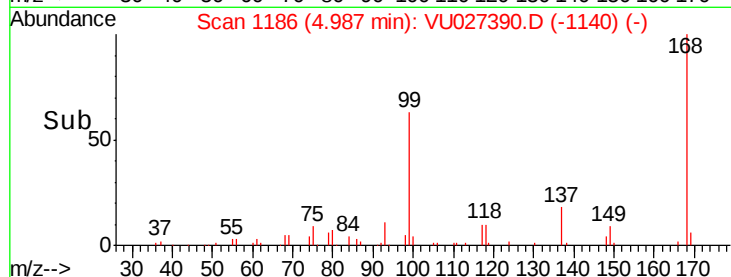
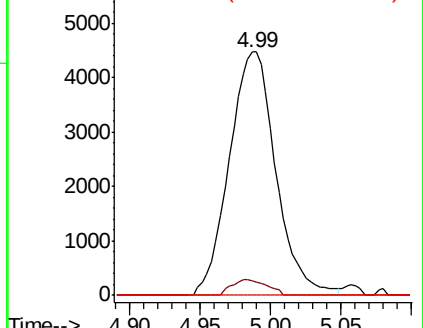
121 0.0 24.6 37.0#



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



#41

Methacrylonitrile

Concen: 0.253 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.11 min

Lab File: VU027390.D

Acq: 04 Oct 2018 04:51

Tgt Ion: 41 Resp: 349

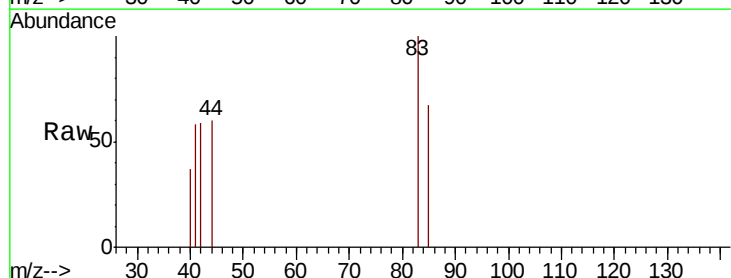
Ion Ratio Lower Upper

41 100

39 0.0 41.1 61.7#

67 0.0 50.4 75.6#

52 0.0 20.3 30.5#

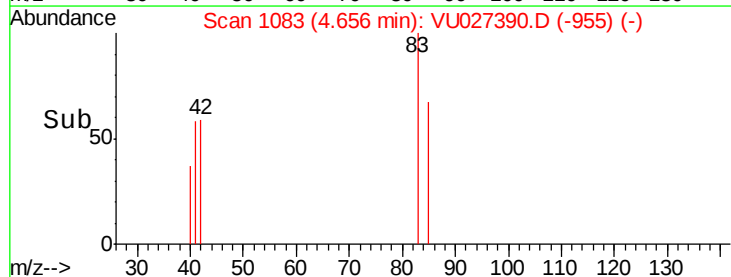
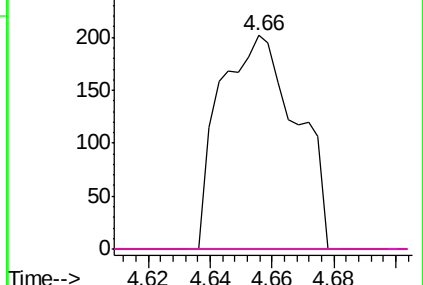


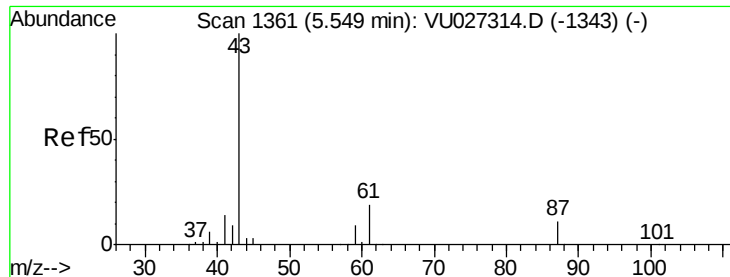
Abundance Ion 41.00 (40.70 to 41.70): VU0

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

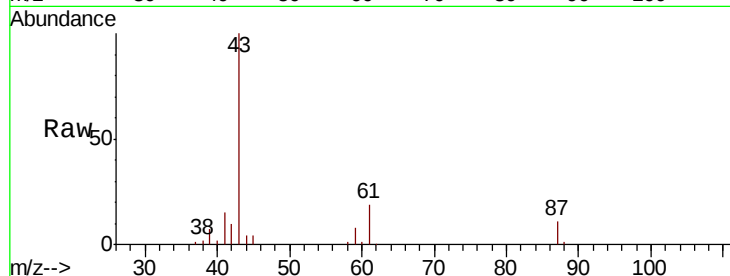




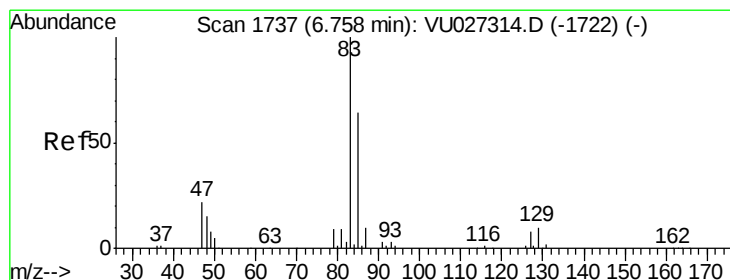
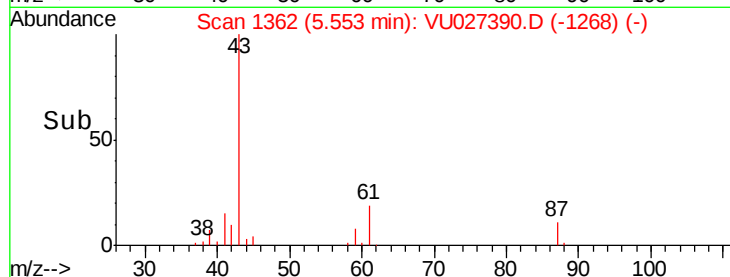
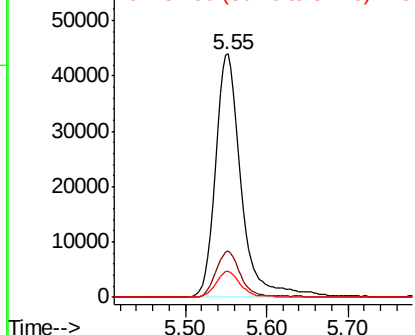
#43
Isopropyl Acetate
Concen: 26.003 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 98438
Ion Ratio Lower Upper
43 100
61 18.3 15.3 22.9
87 10.1 8.6 13.0

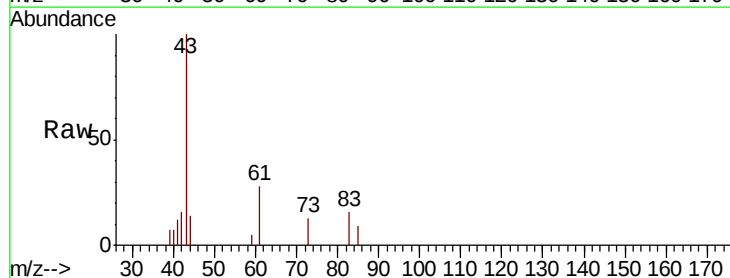


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

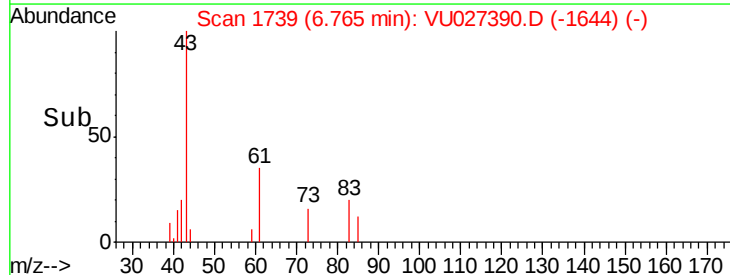
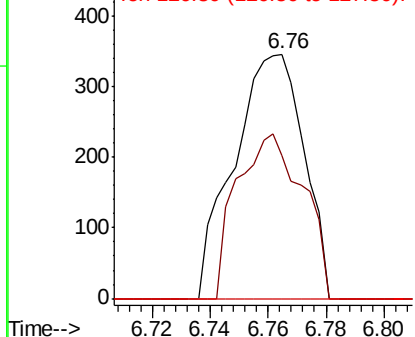


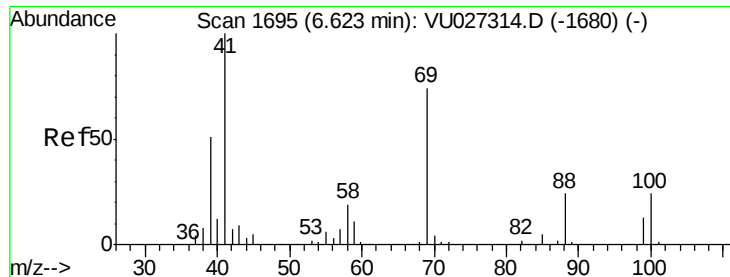
#47
Bromodichloromethane
Concen: 0.313 ug/l
RT: 6.76 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion: 83 Resp: 581
Ion Ratio Lower Upper
83 100
85 58.4 51.4 77.0
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

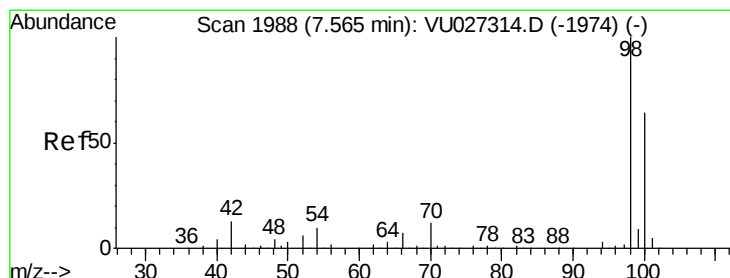
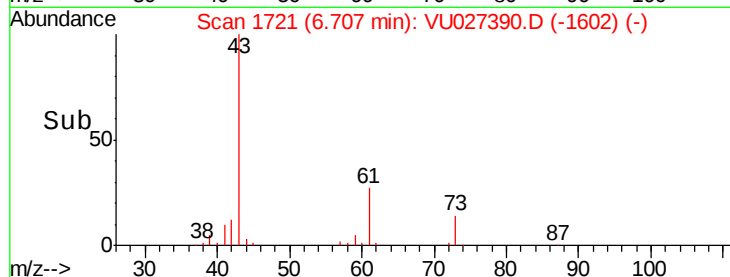
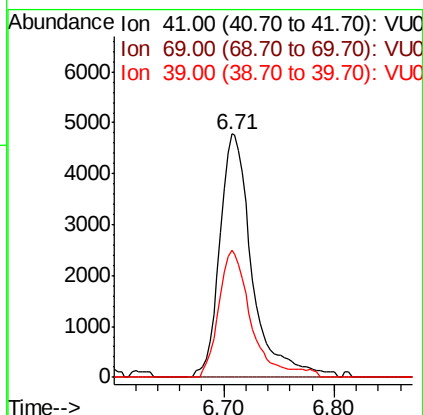
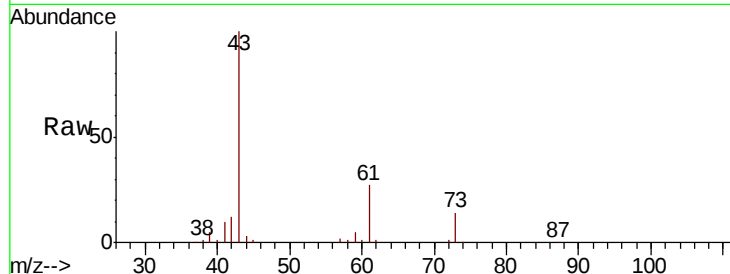




#48
Methvl methacrylate
Concen: 5.182 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.08 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

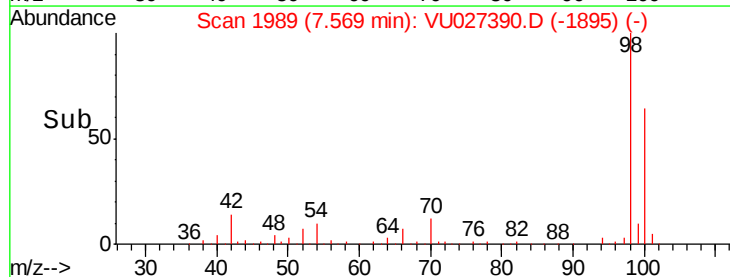
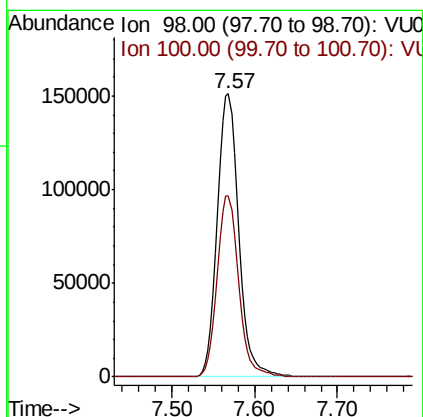
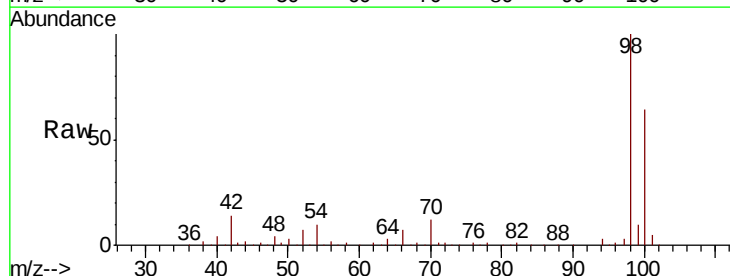
Instrument :
MSVOA_U
ClientSampleId :

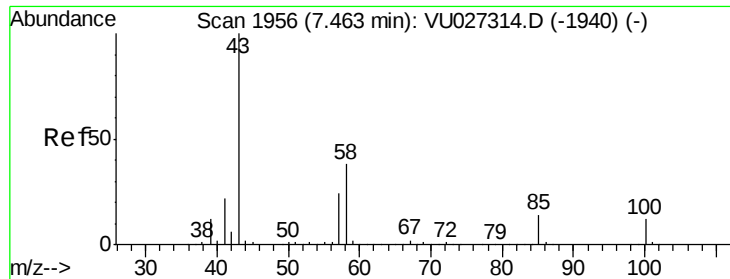
Tot Ion: 41 Resp: 9755
Ion Ratio Lower Upper
41 100
69 0.0 61.0 91.4#
39 52.4 39.9 59.9



#50
Toluene-d8
Concen: 60.912 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion: 98 Resp: 271385
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

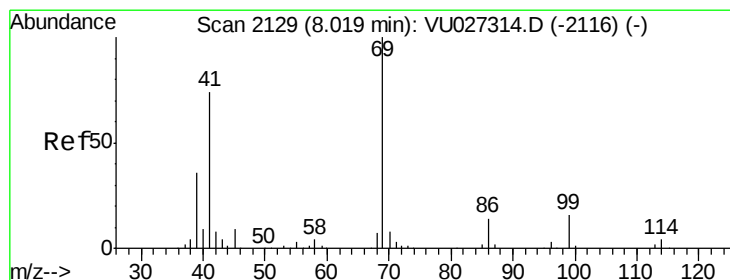
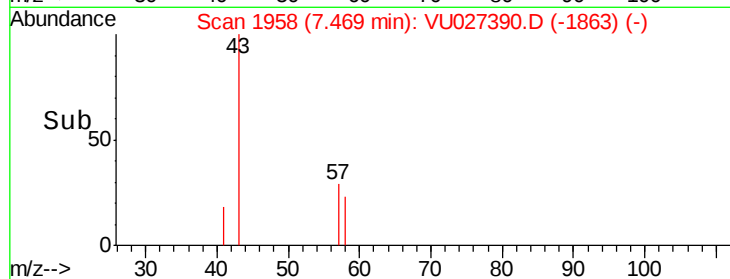
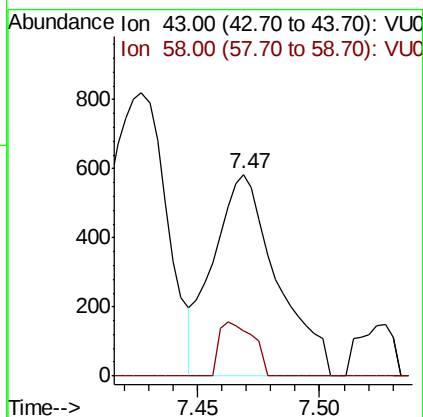
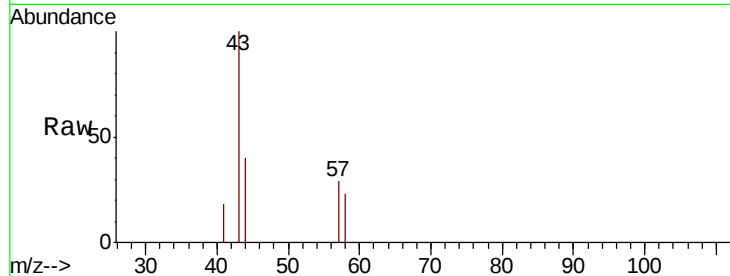




#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 7.47 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

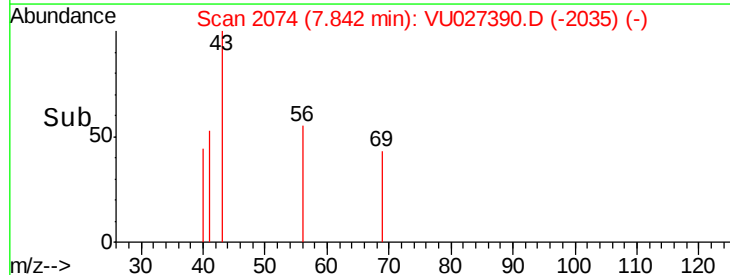
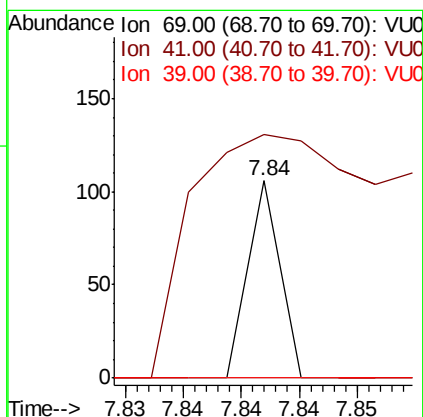
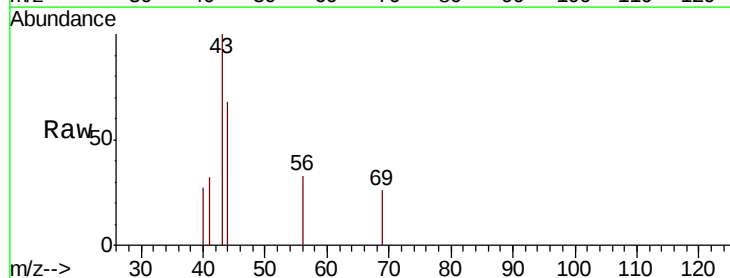
Instrument :
MSVOA_U
ClientSampleId :

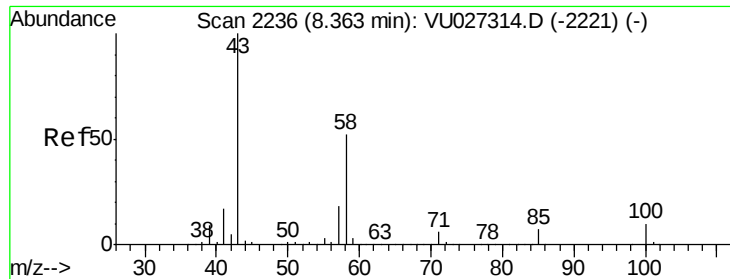
Tot Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 14.5 29.8 44.8#



#56
Ethyl methacrylate
Concen: 2.279 ug/l
RT: 7.84 min Scan# 2074
Delta R.T. -0.18 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion: 69 Resp: 20
Ion Ratio Lower Upper
69 100
41 670.0 60.0 90.0#
39 0.0 29.5 44.3#

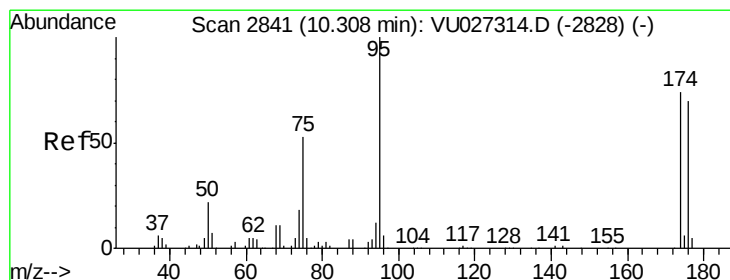
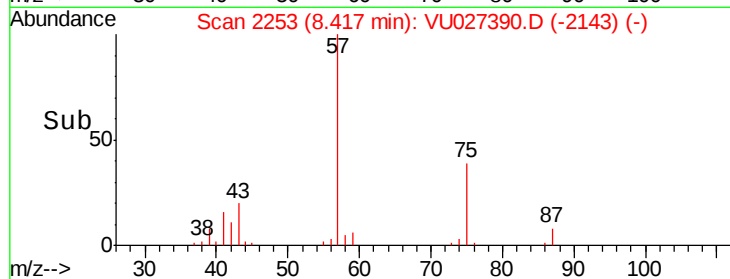
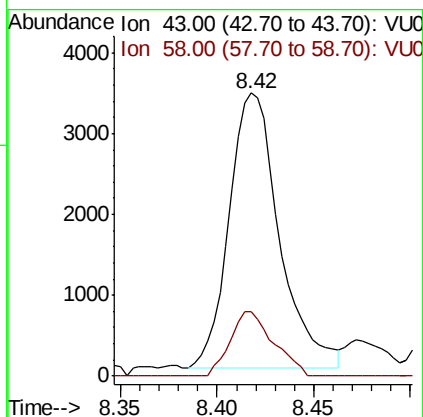
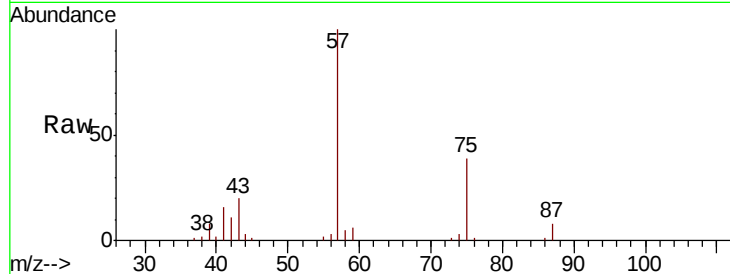




#59
2-Hexanone
Concen: 3.208 ug/l
RT: 8.42 min Scan# 2253
Delta R.T. 0.05 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

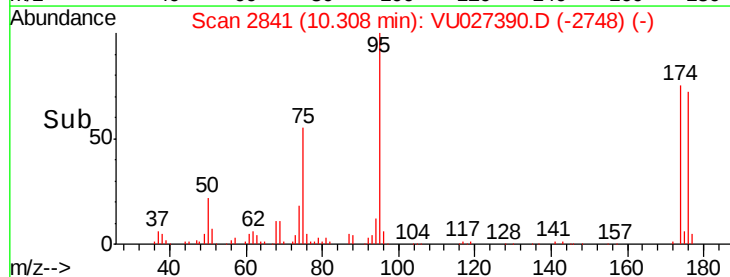
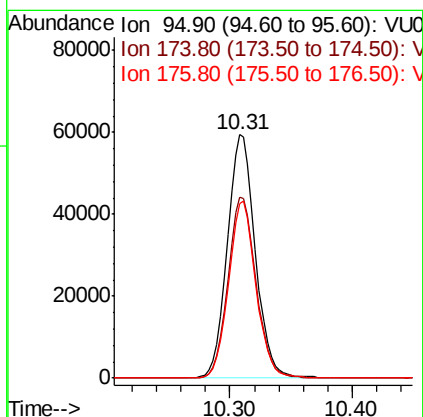
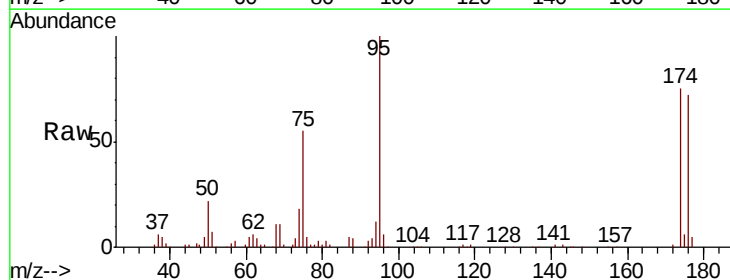
Instrument :
MSVOA_U
ClientSampleId :

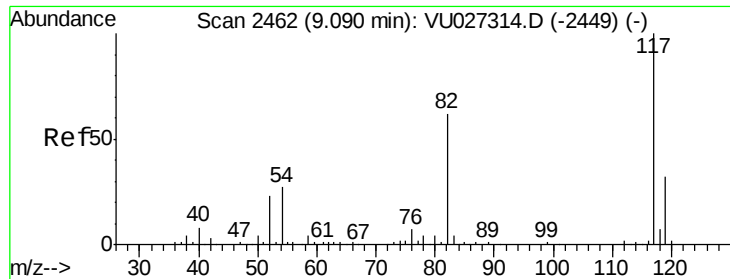
Tot Ion: 43 Resp: 6122
Ion Ratio Lower Upper
43 100
58 20.2 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 57.589 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion: 95 Resp: 95355
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.8
176 71.2 0.0 140.8

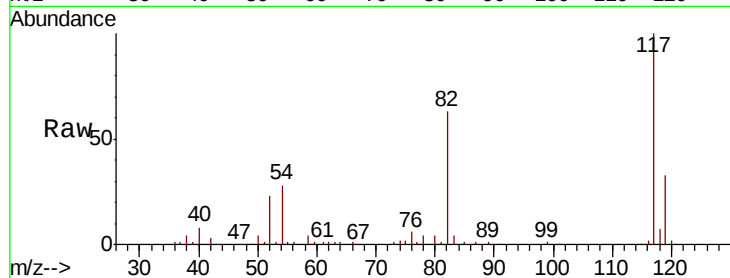




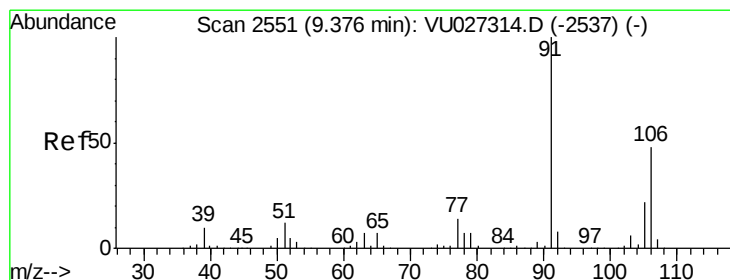
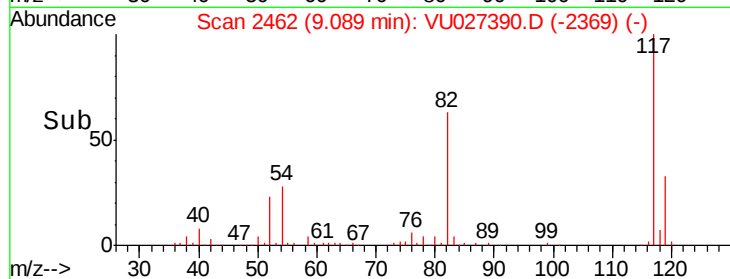
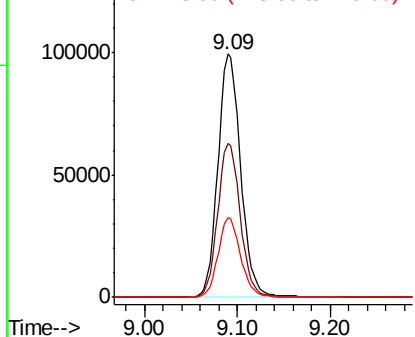
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 169543
Ion Ratio Lower Upper
117 100
82 63.4 49.2 73.8
119 32.9 25.7 38.5

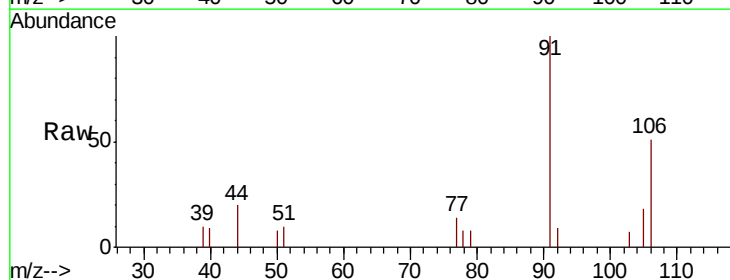


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

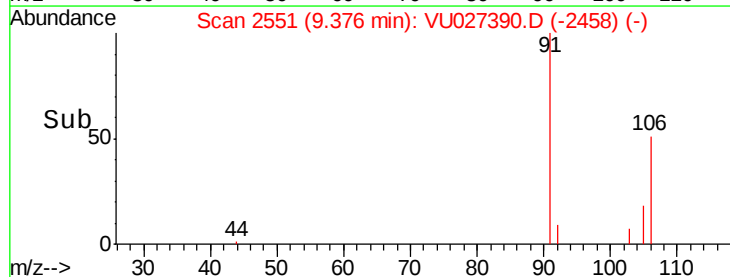
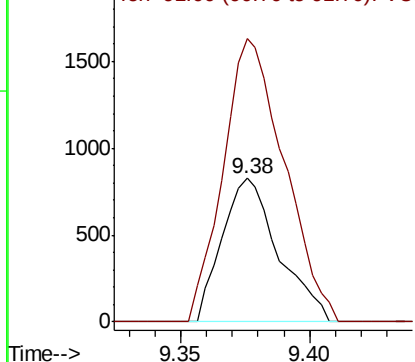


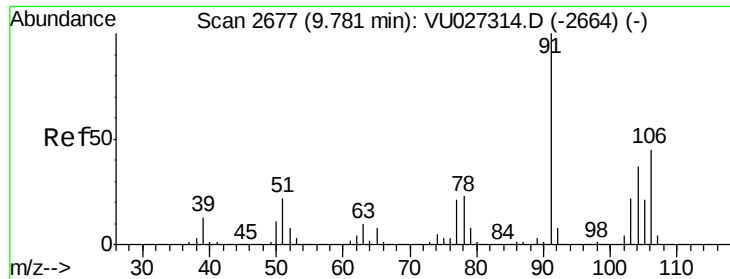
#68
m/p-Xylenes
Concen: 0.543 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion:106 Resp: 1257
Ion Ratio Lower Upper
106 100
91 214.1 168.1 252.1



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

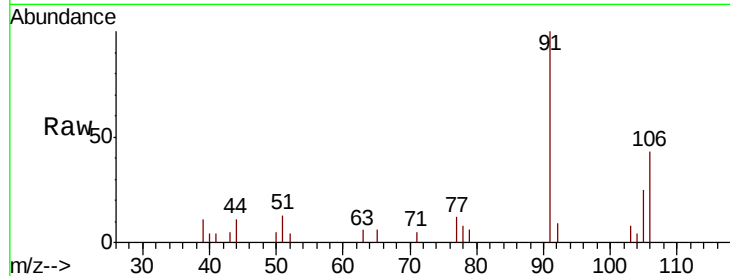




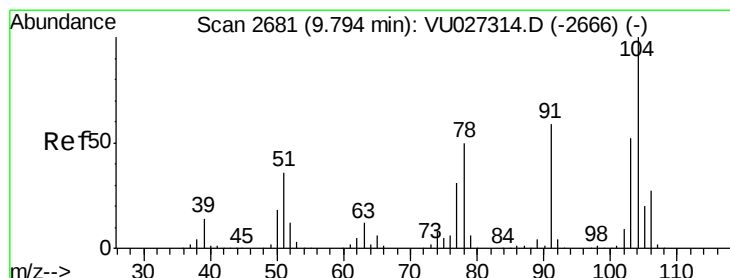
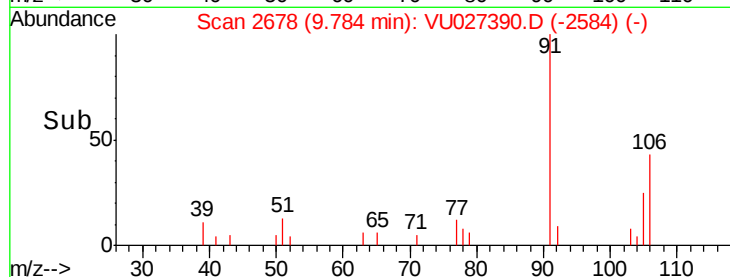
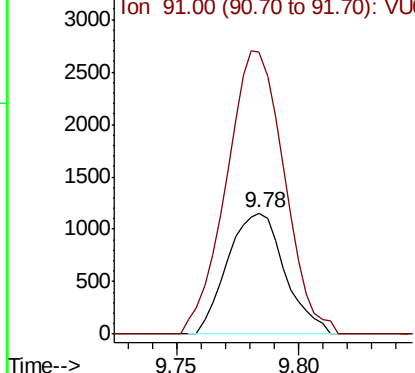
#69
o-Xylene
Concen: 0.854 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 1876
Ion Ratio Lower Upper
106 100
91 237.0 111.7 334.9

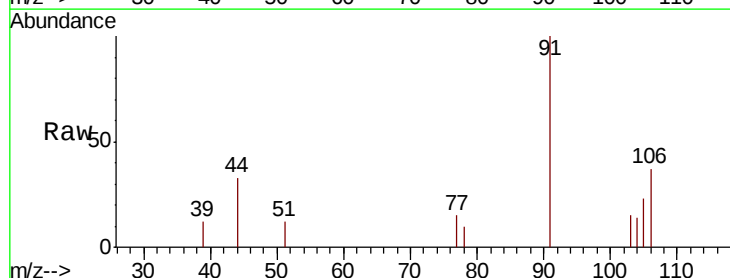


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

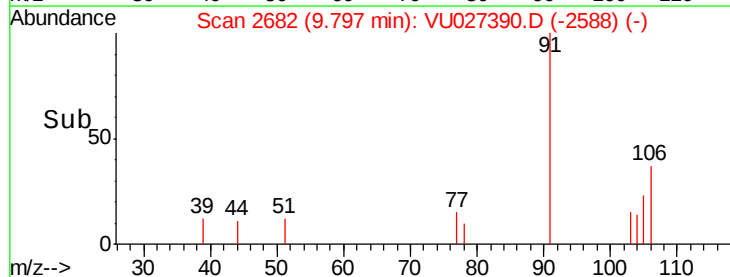
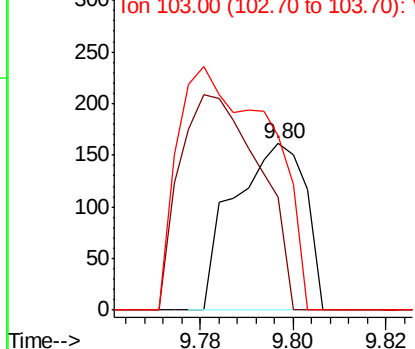


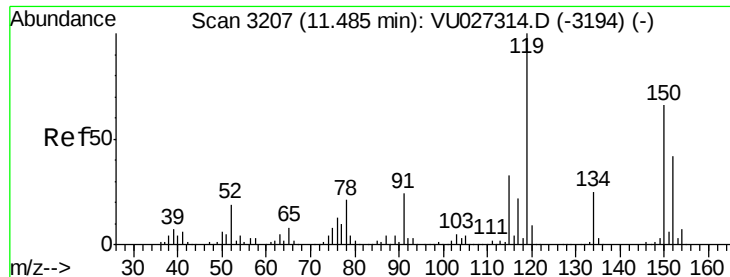
#70
Styrene
Concen: 2.340 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion:104 Resp: 174
Ion Ratio Lower Upper
104 100
78 143.7 42.9 64.3#
103 186.2 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



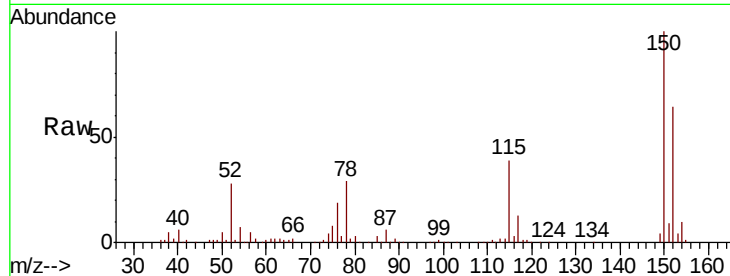


#72

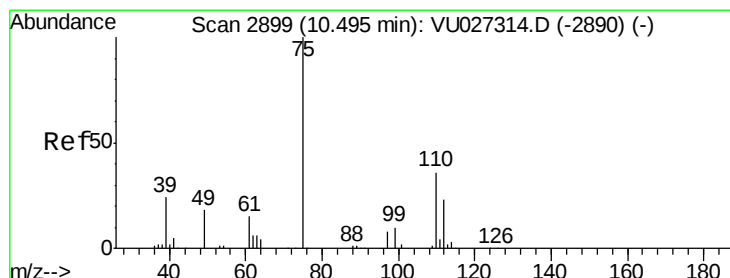
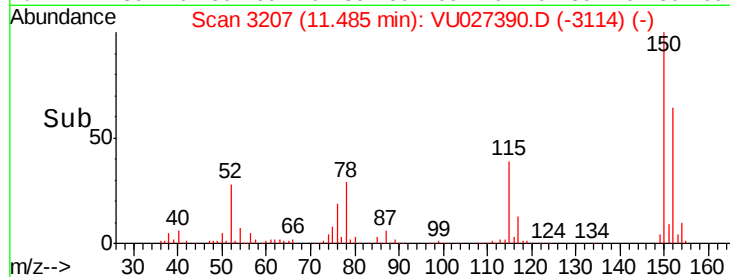
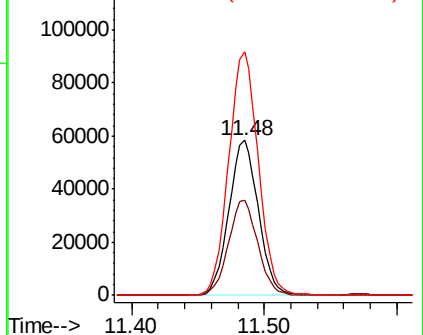
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:152 Resp: 90058
Ion Ratio Lower Upper
152 100
115 61.2 43.4 130.2
150 158.3 0.0 349.2



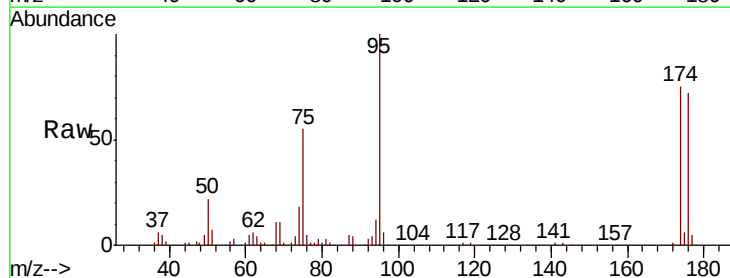
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



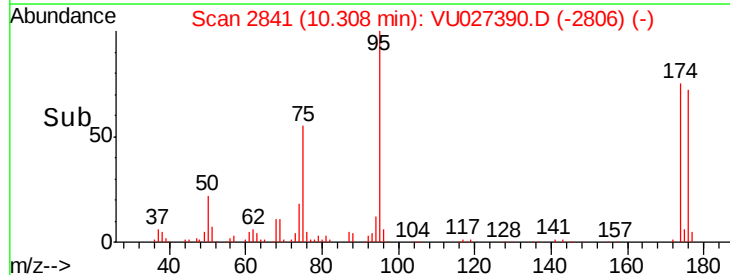
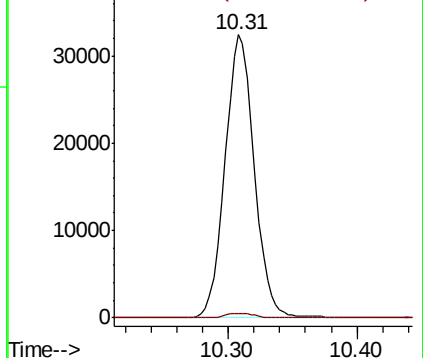
#76

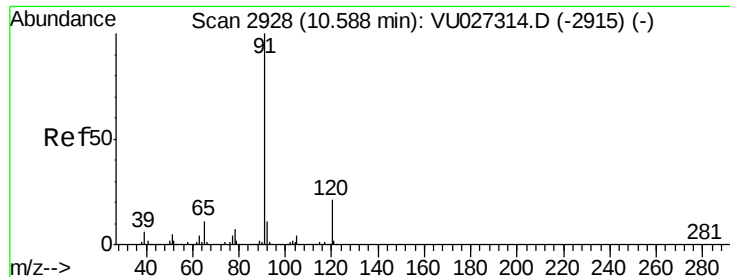
1,2,3-Trichloropropane
Concen: 21.802 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion: 75 Resp: 50897
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





#78

n-propylbenzene

Concen: 0.222 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027390.D

Acq: 04 Oct 2018 04:51

Instrument :

MSVOA_U

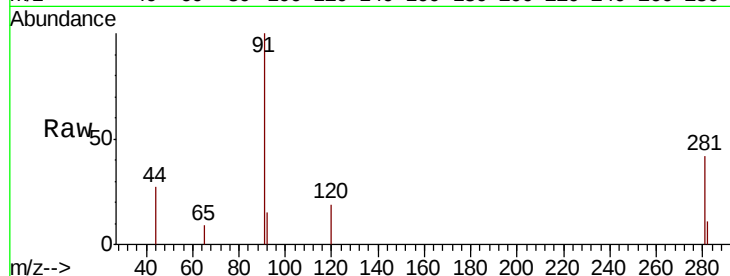
ClientSampleId :

Tot Ion: 91 Resp: 1748

Ion Ratio Lower Upper

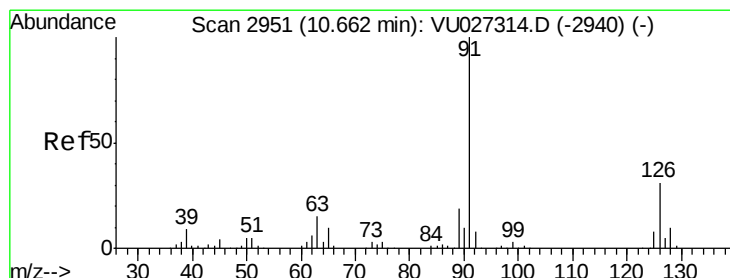
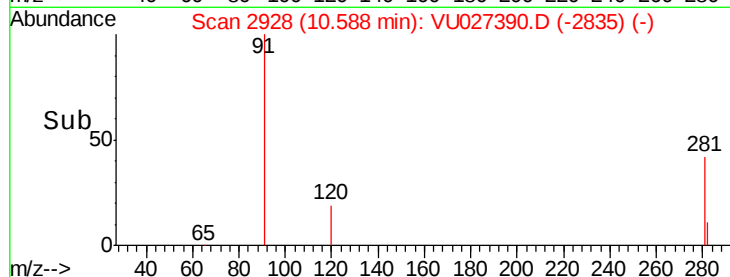
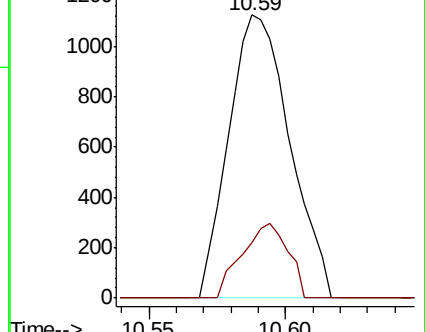
91 100

120 19.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.249 ug/l

RT: 10.68 min Scan# 2958

Delta R.T. 0.02 min

Lab File: VU027390.D

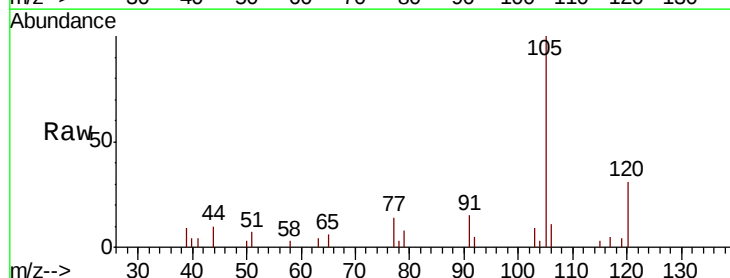
Acq: 04 Oct 2018 04:51

Tgt Ion: 91 Resp: 1182

Ion Ratio Lower Upper

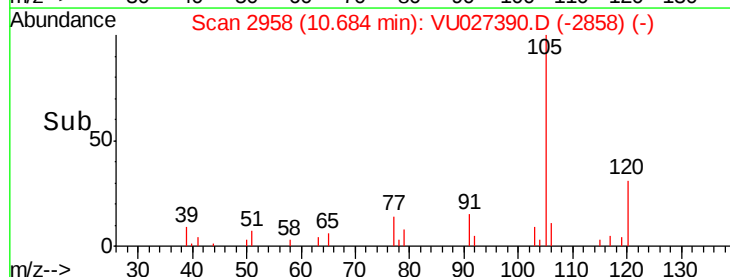
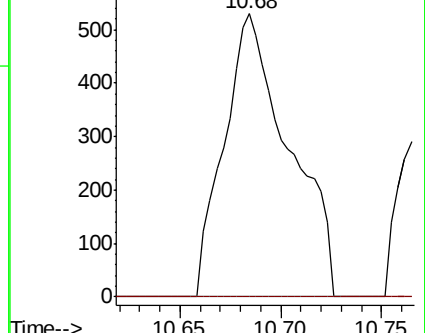
91 100

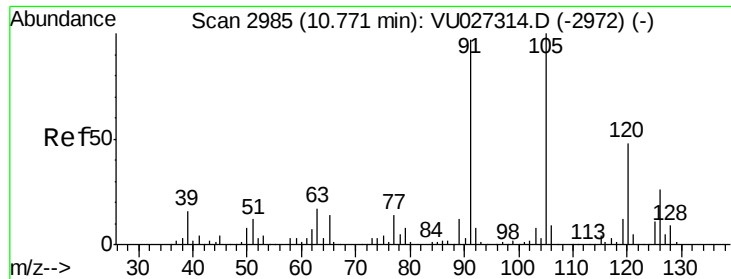
126 0.0 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.114 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027390.D

Acq: 04 Oct 2018 04:51

Instrument :

MSVOA_U

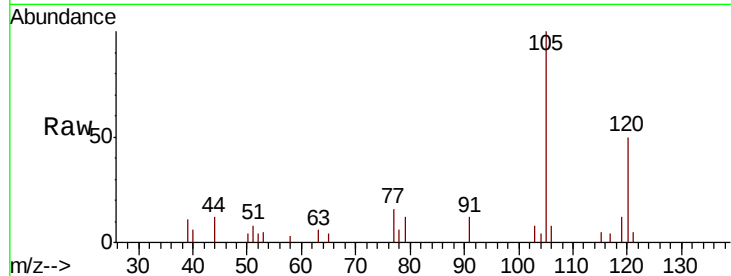
ClientSampleId :

Tot Ion:105 Resp: 5932

Ion Ratio Lower Upper

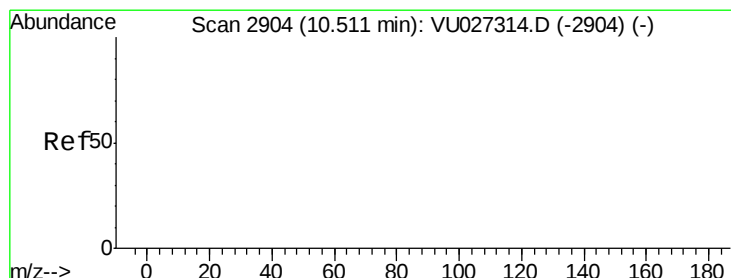
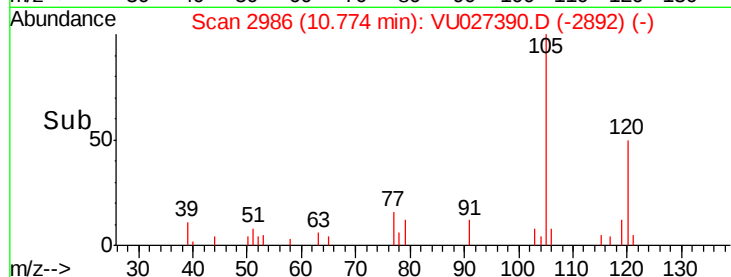
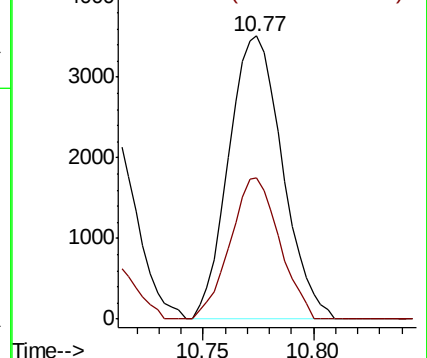
105 100

120 45.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 57.058 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027390.D

Acq: 04 Oct 2018 04:51

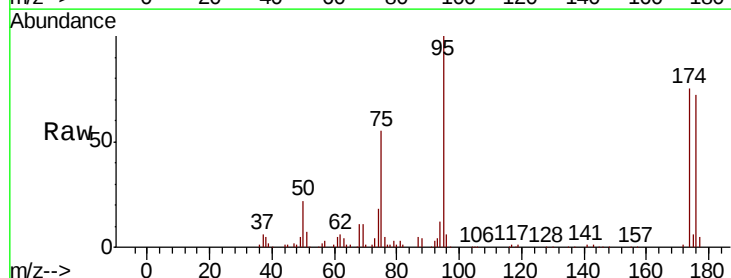
Tgt Ion: 75 Resp: 50897

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

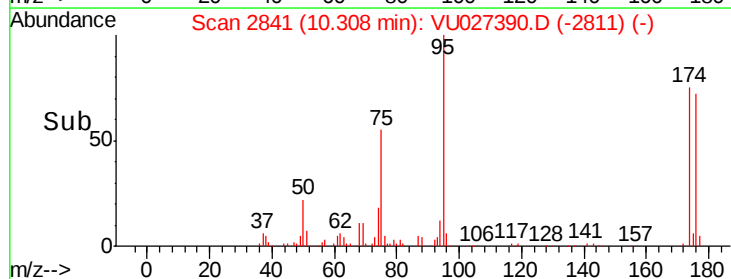
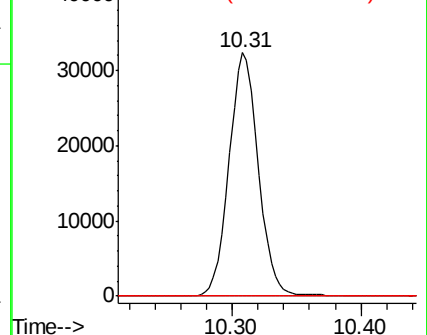
89 0.0 0.0 0.0

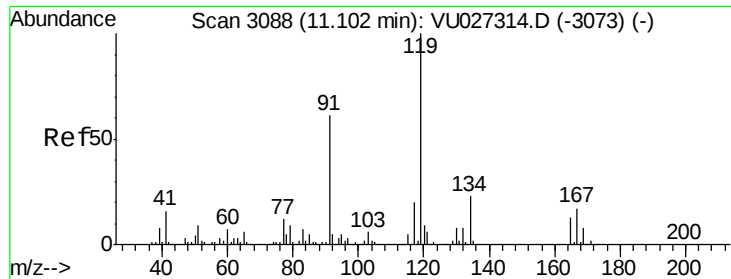


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

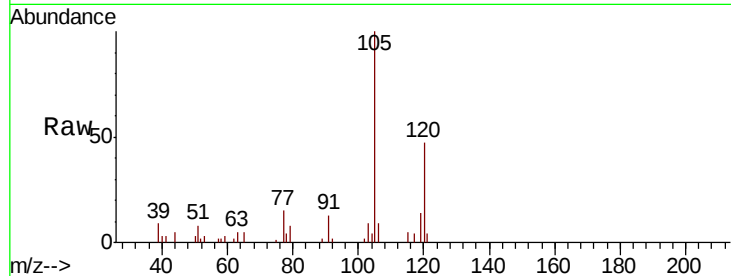




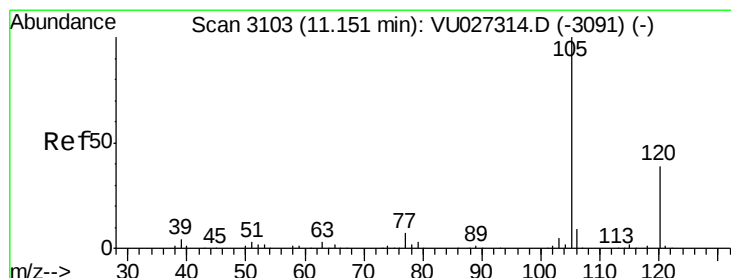
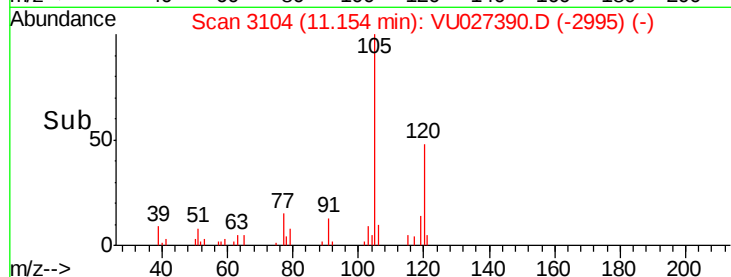
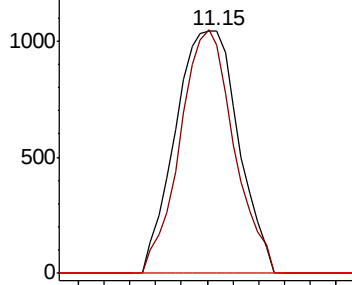
#83
tert-Butylbenzene
Concen: 0.344 ug/l
RT: 11.15 min Scan# 3104
Delta R.T. 0.05 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:119 Resp: 1772
Ion Ratio Lower Upper
119 100
91 85.7 30.3 91.0
134 0.0 11.5 34.4#

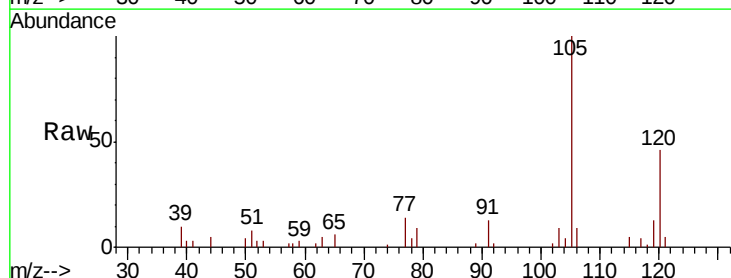


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

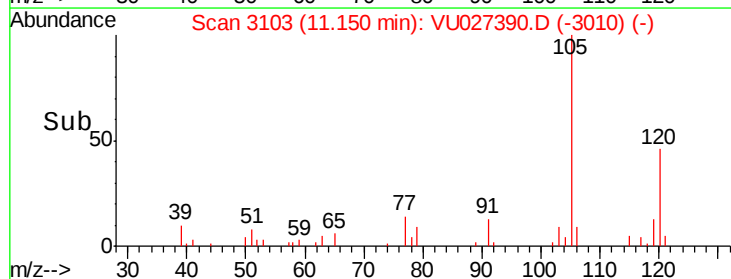
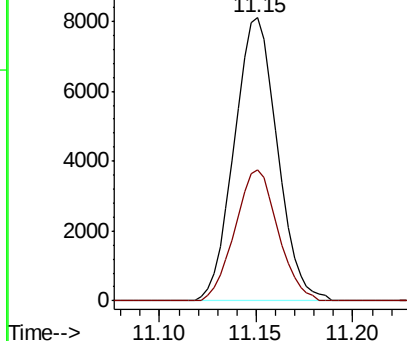


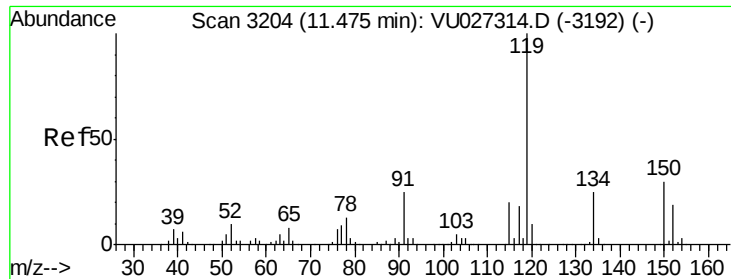
#84
1,2,4-Trimethylbenzene
Concen: 2.311 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion:105 Resp: 12570
Ion Ratio Lower Upper
105 100
120 46.1 22.1 66.5



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

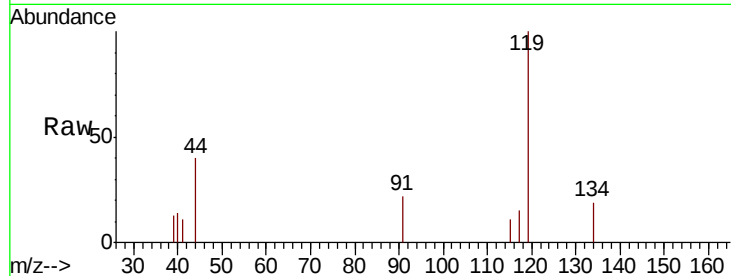




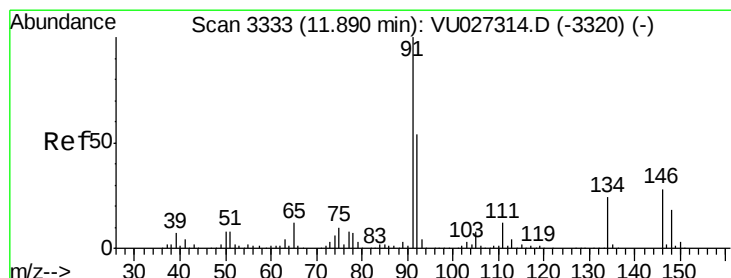
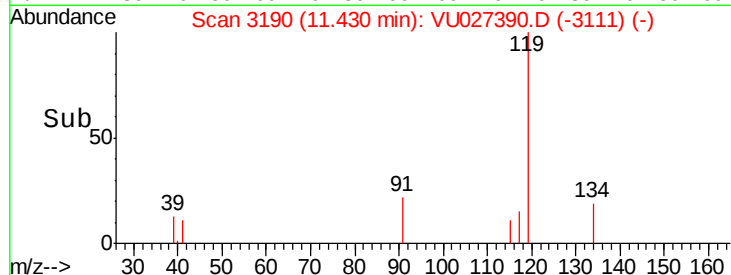
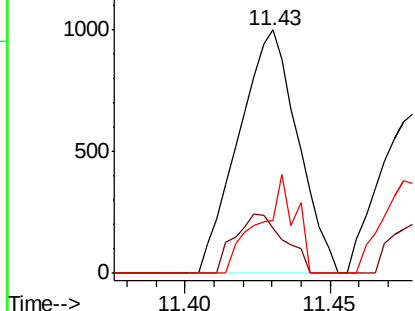
#86
p-Isopropyltoluene
Concen: 0.255 ug/l
RT: 11.43 min Scan# 3190
Delta R.T. -0.05 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:119 Resp: 1417
Ion Ratio Lower Upper
119 100
134 20.4 12.7 38.1
91 24.8 12.2 36.4

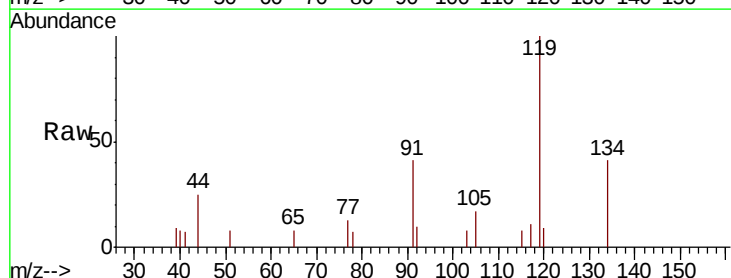


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

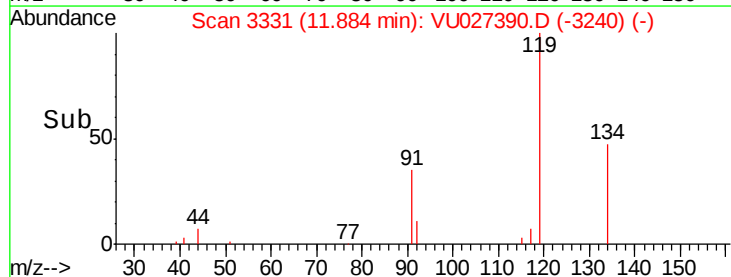
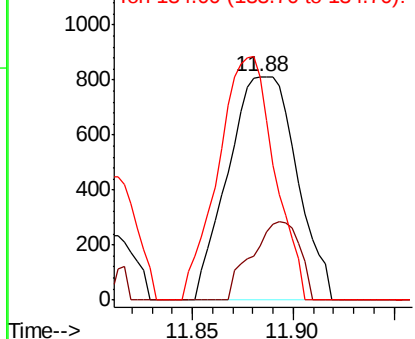


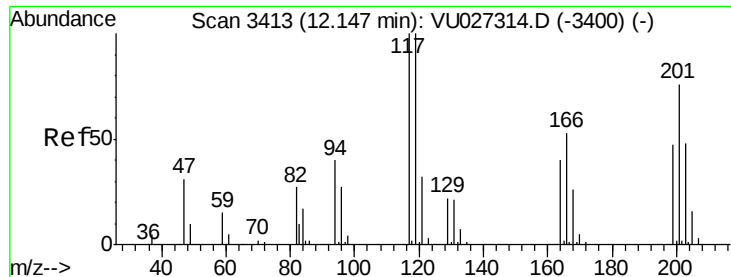
#89
n-Butylbenzene
Concen: 2.263 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.01 min
Lab File: VU027390.D
Acq: 04 Oct 2018 04:51

Tgt Ion: 91 Resp: 1923
Ion Ratio Lower Upper
91 100
92 24.4 27.0 81.0#
134 89.5 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





#90

Hexachloroethane

Concen: 0.323 ug/l

RT: 12.15 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VU027390.D

Acq: 04 Oct 2018 04:51

Instrument :

MSVOA_U

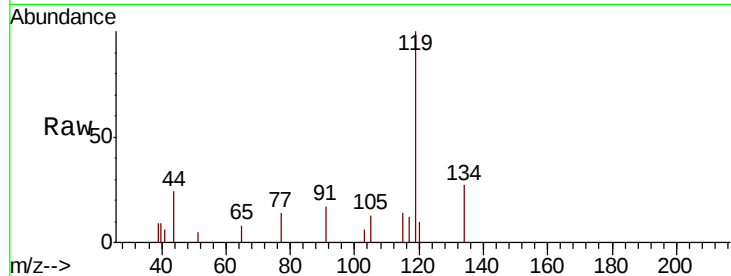
ClientSampleId :

Tot Ion:117 Resp: 338

Ion Ratio Lower Upper

117 100

201 0.0 37.9 113.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

300

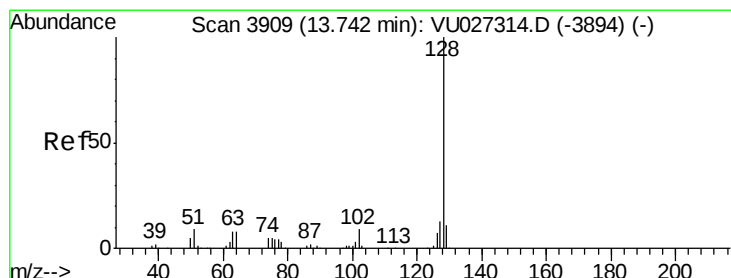
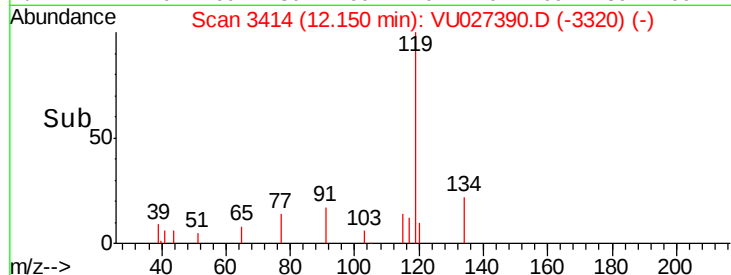
200

100

0

12.12 12.14 12.16

Time-->



#95

Naphthalene

Concen: 16.626 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027390.D

Acq: 04 Oct 2018 04:51

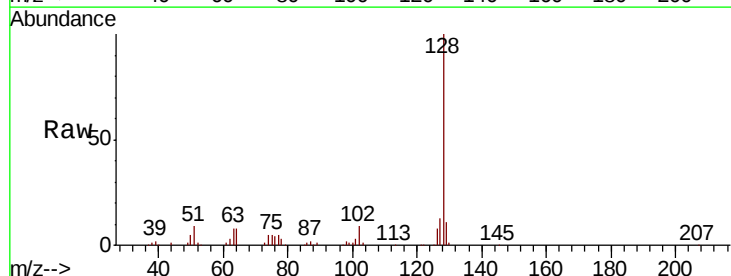
Tgt Ion:128 Resp: 105400

Ion Ratio Lower Upper

128 100

127 13.4 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

80000

60000

40000

20000

0

13.70 13.74 13.80

Time-->

