

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027406.D
 Acq On : 04 Oct 2018 14:19
 Operator : MD/SY
 Sample : J5084-04DL 100X
 Misc : 4.21g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-7(6-6.5)DL

Quant Time: Oct 05 03:14:35 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	99204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	174377	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	96286	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	100143	60.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.90%	
35) Dibromofluoromethane	4.89	113	70862	59.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.60%	
50) Toluene-d8	7.57	98	274810	61.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.88%	
62) 4-Bromofluorobenzene	10.31	95	103182	62.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.14%	

Target Compounds						Qvalue
6) Chloroethane	1.61	64	1024	0.936	ug/l #	77
11) Tert butyl alcohol	2.84	59	165	0.473	ug/l #	72
16) Acetone	2.33	43	520	0.531	ug/l #	44
18) Methyl Acetate	2.75	43	2951	1.322	ug/l #	56
29) Tetrahydrofuran	4.67	42	171	0.203	ug/l #	39
31) Cyclohexane	4.99	56	3694	1.158	ug/l #	33
36) 1,1-Dichloropropene	4.99	75	9723	5.135	ug/l #	50
38) Carbon Tetrachloride	4.99	117	10247	5.991	ug/l #	17
39) Methylcyclohexane	6.42	83	2085	0.942	ug/l	92
43) Isopropyl Acetate	5.54	43	5237	1.378	ug/l #	63
48) Methyl methacrylate	6.64	41	489	0.259	ug/l #	62
51) 4-Methyl-2-Pentanone	7.52	43	1250	0.506	ug/l #	59
52) Toluene	7.64	92	21368	6.546	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	1361	1.052	ug/l #	19
56) Ethyl methacrylate	8.05	69	568	2.490	ug/l #	1
59) 2-Hexanone	8.33	43	1649	0.861	ug/l #	26
67) Ethyl Benzene	9.25	91	45396	7.152	ug/l	100
68) m/p-Xylenes	9.38	106	93016	40.063	ug/l	100
69) o-Xylene	9.78	106	38646	17.516	ug/l	97
70) Styrene	9.78	104	2670	2.917	ug/l #	1
73) Isopropylbenzene	10.17	105	8976	1.284	ug/l	95
76) 1,2,3-Trichloropropane	10.31	75	56253	22.538	ug/l #	35
78) n-propylbenzene	10.59	91	42419	5.048	ug/l	100
79) 2-Chlorotoluene	10.68	91	33456	6.594	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	80341	14.111	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.68	75	2451	2.570	ug/l #	100
82) 4-Chlorotoluene	10.77	91	9121	1.584	ug/l #	48
83) tert-Butylbenzene	11.15	119	32786	5.957	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.15	105	276521	47.546	ug/l	99
85) sec-Butylbenzene	11.15	105	276521	39.873	ug/l #	58
86) p-Isopropyltoluene	11.43	119	11264	1.897	ug/l	96
89) n-Butylbenzene	11.89	91	30608	6.618	ug/l #	37
90) Hexachloroethane	12.15	117	3744	3.345	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.66	75	145	0.238	ug/l #	7

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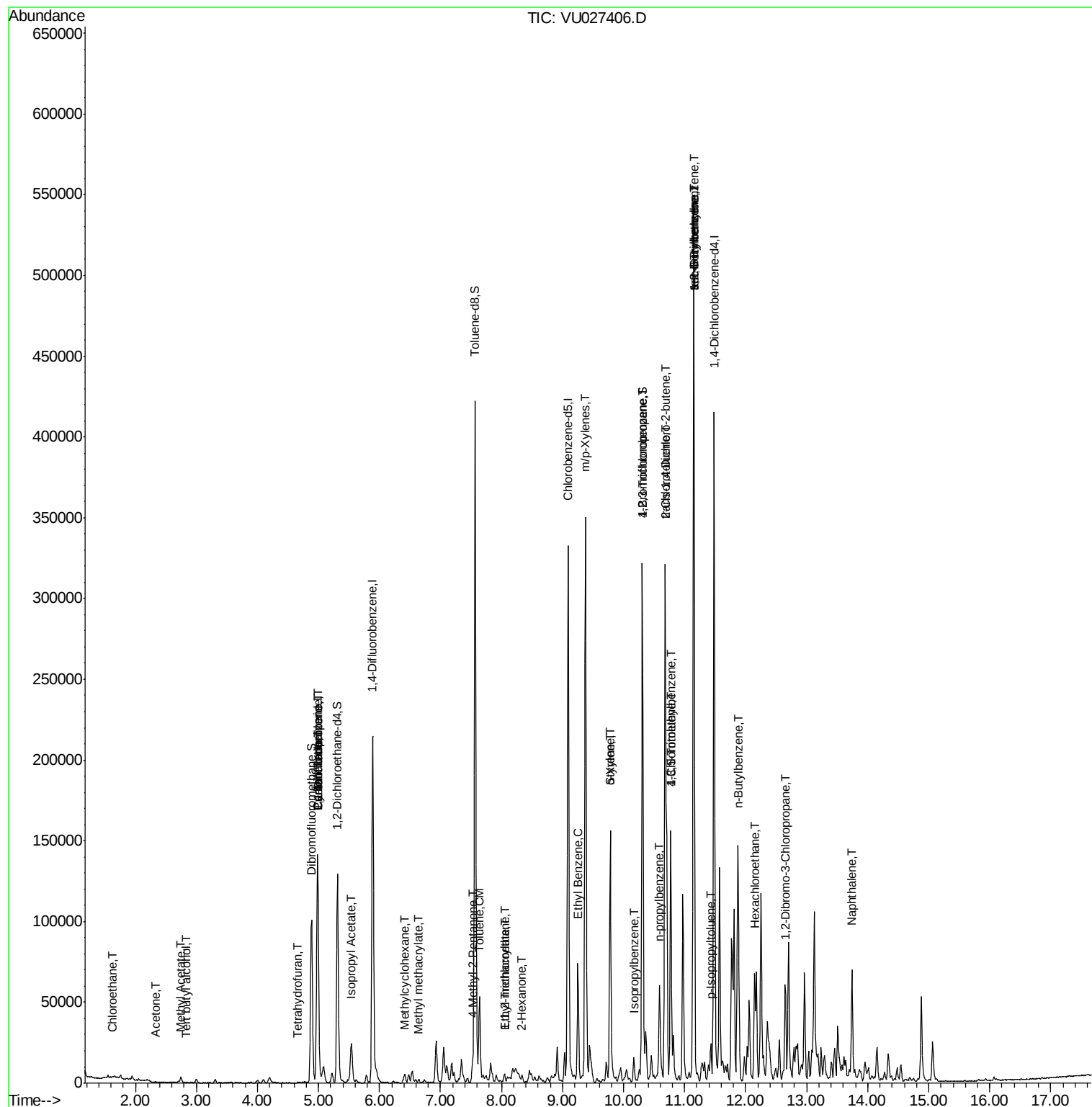
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.74	128	48272	8.071	ug/l	98

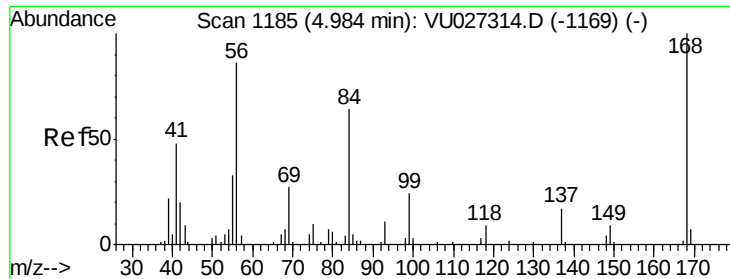
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027406.D

Acq: 04 Oct 2018 14:19

Instrument :

MSVOA_U

ClientSampleId :

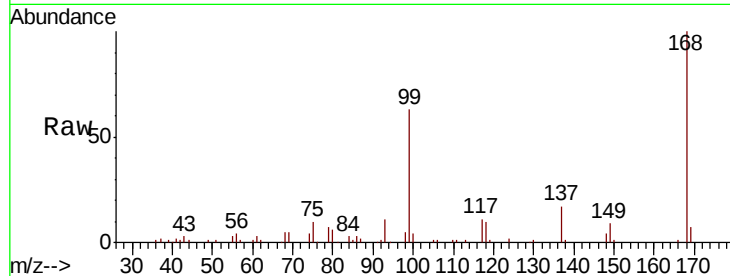
B-7(6-6.5)DL

Tgt Ion:168 Resp: 99204

Ion Ratio Lower Upper

168 100

99 62.9 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027406.D (-1092) (-)

4.99

40000

30000

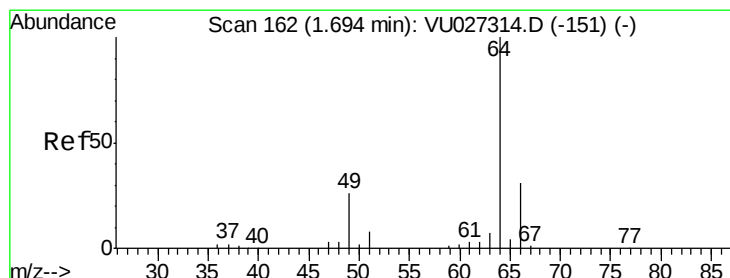
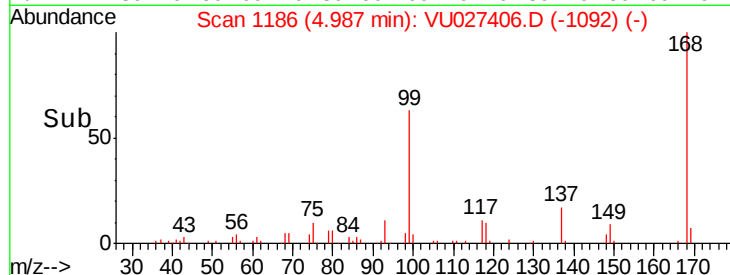
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#6

Chloroethane

Concen: 0.936 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.08 min

Lab File: VU027406.D

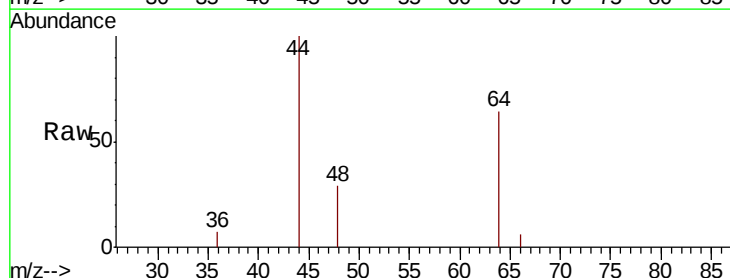
Acq: 04 Oct 2018 14:19

Tgt Ion: 64 Resp: 1024

Ion Ratio Lower Upper

64 100

66 18.1 24.6 36.8#



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

Ion 65.90 (65.60 to 66.60): VU027406.D (-69) (-)

1.61

1500

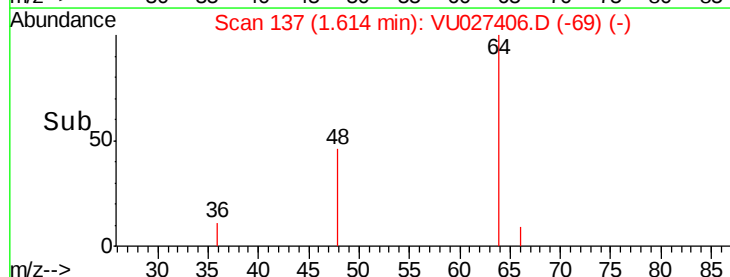
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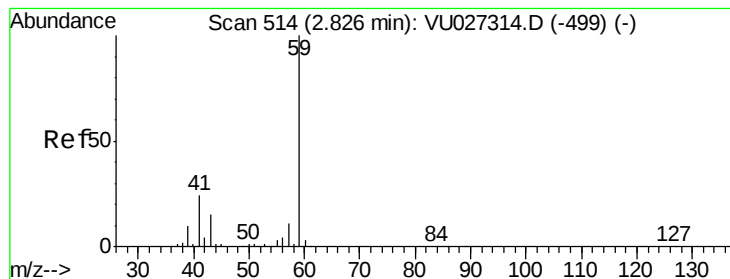
500

0

1.55 1.60 1.65

Time-->



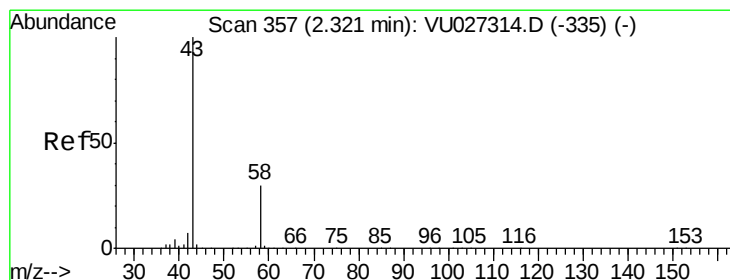
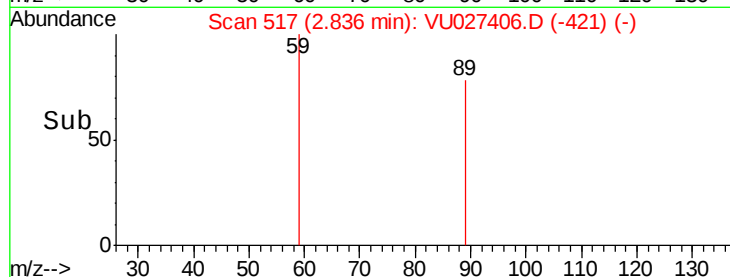
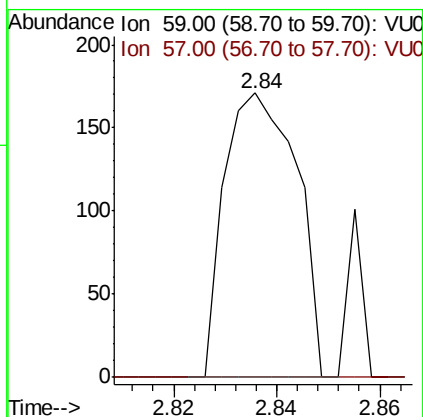
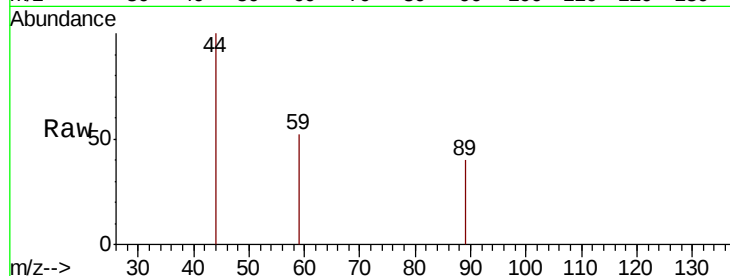


#11

Tert butyl alcohol
 Concen: 0.473 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 B-7(6-6.5)DL

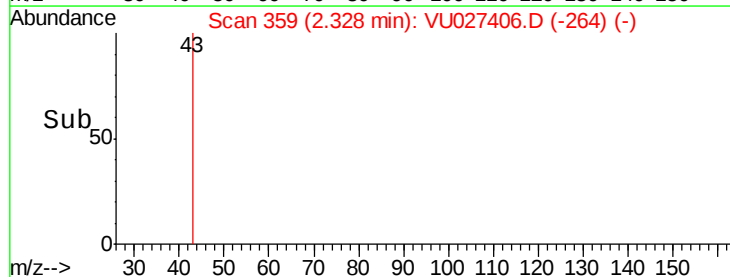
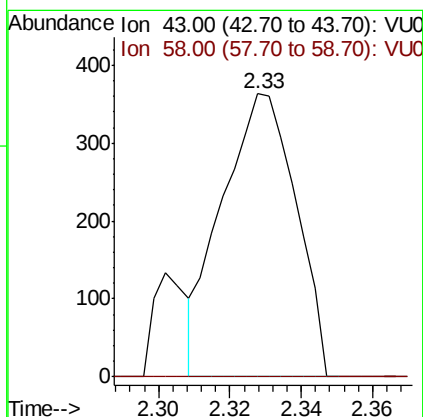
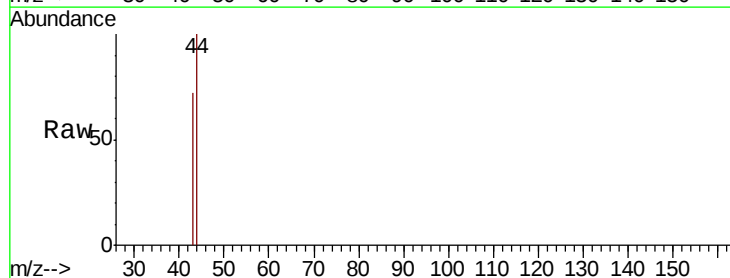
Tgt Ion: 59 Resp: 165
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

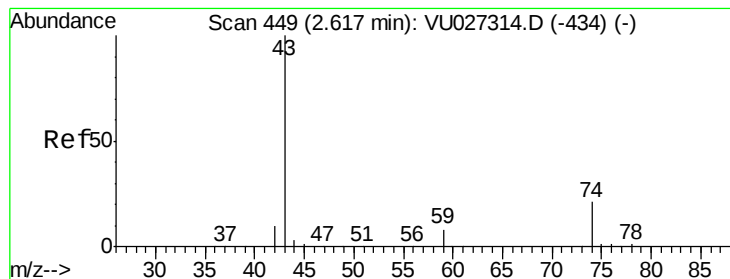


#16

Acetone
 Concen: 0.531 ug/l
 RT: 2.33 min Scan# 359
 Delta R.T. 0.01 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

Tgt Ion: 43 Resp: 520
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.2 36.4#

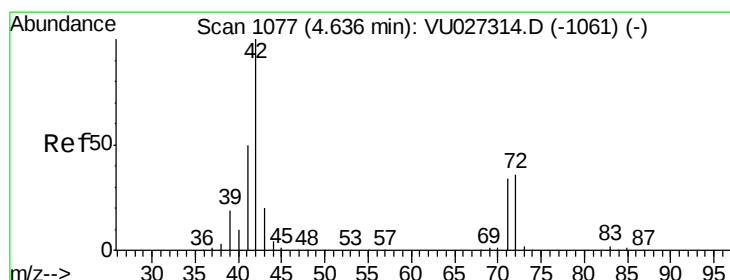
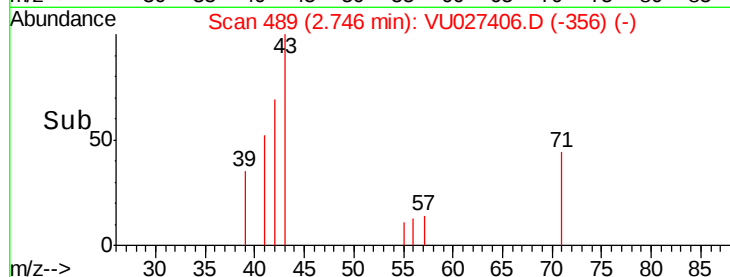
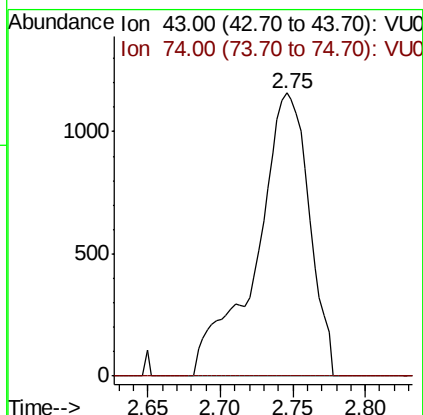
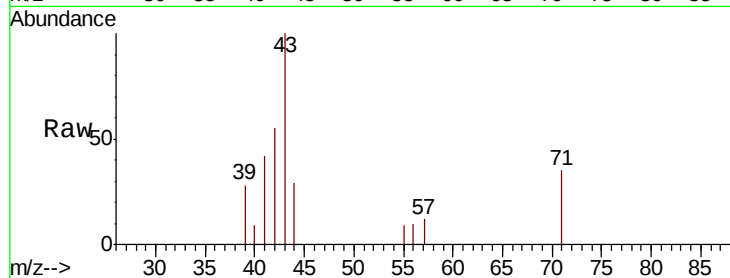




#18
Methyl Acetate
Concen: 1.322 ug/l
RT: 2.75 min Scan# 489
Delta R.T. 0.13 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

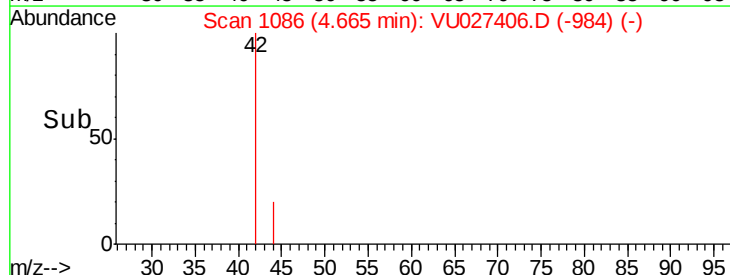
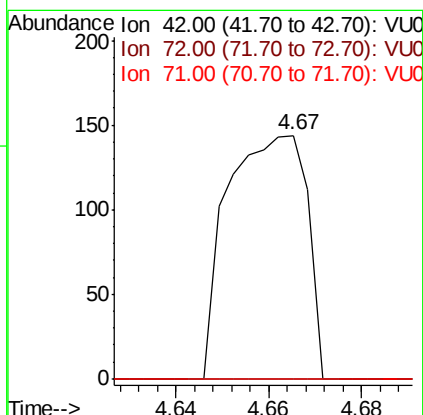
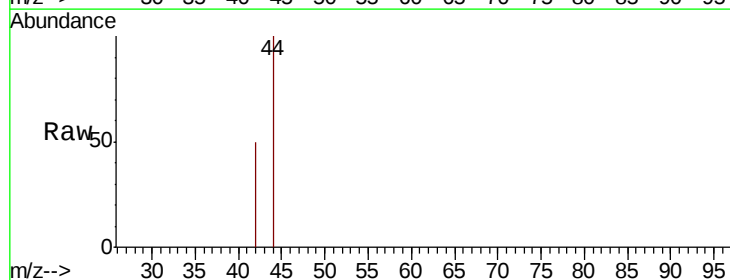
Instrument :
MSVOA_U
ClientSampleId :
B-7(6-6.5)DL

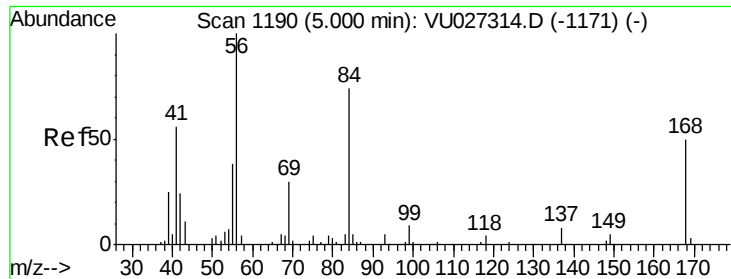
Tgt Ion: 43 Resp: 2951
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#29
Tetrahydrofuran
Concen: 0.203 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.03 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion: 42 Resp: 171
Ion Ratio Lower Upper
42 100
72 0.0 30.1 45.1#
71 0.0 27.7 41.5#

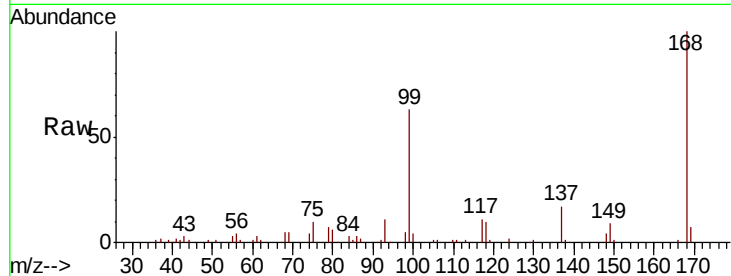




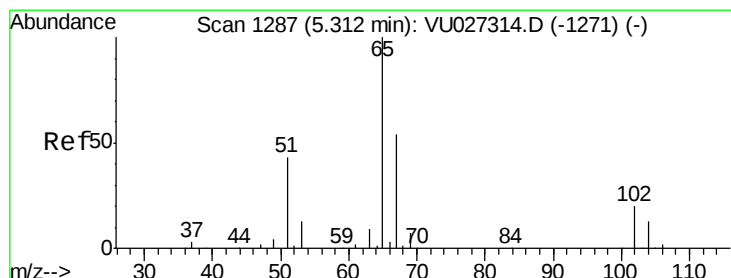
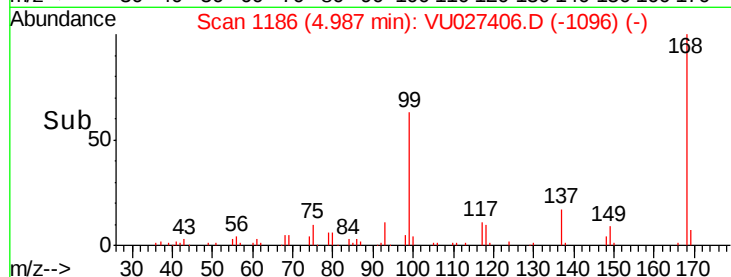
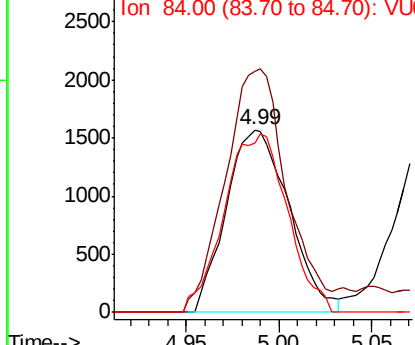
#31
Cyclohexane
Concen: 1.158 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Instrument :
MSVOA_U
ClientSampleId :
B-7(6-6.5)DL

Tgt Ion: 56 Resp: 3694
Ion Ratio Lower Upper
56 100
69 125.0 24.1 36.1#
84 92.9 59.1 88.7#

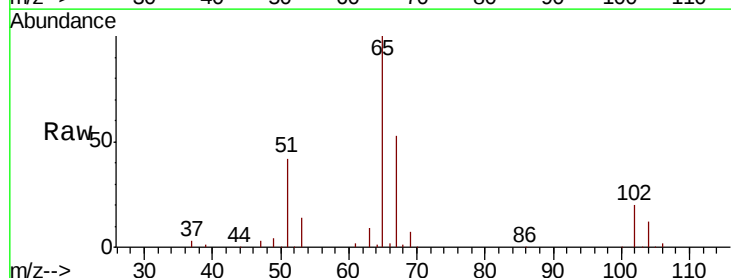


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

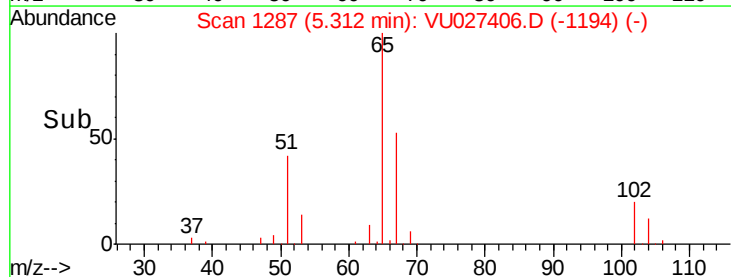
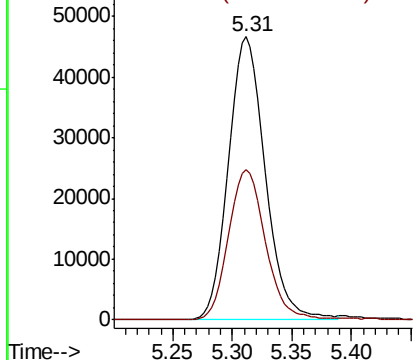


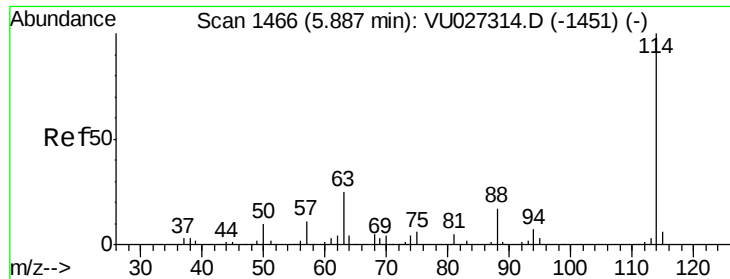
#33
1,2-Dichloroethane-d4
Concen: 60.453 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion: 65 Resp: 100143
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.8



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

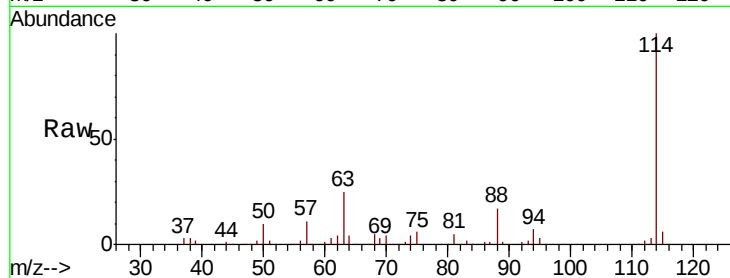




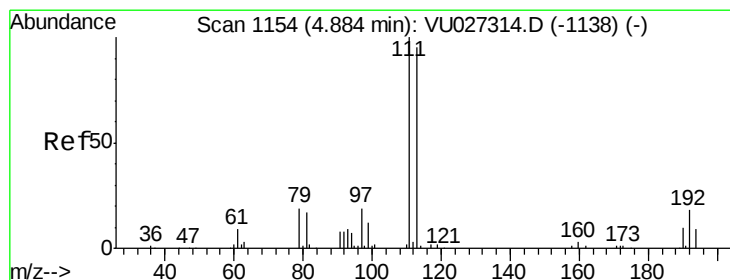
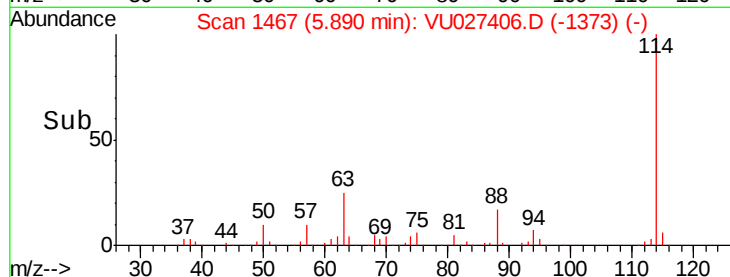
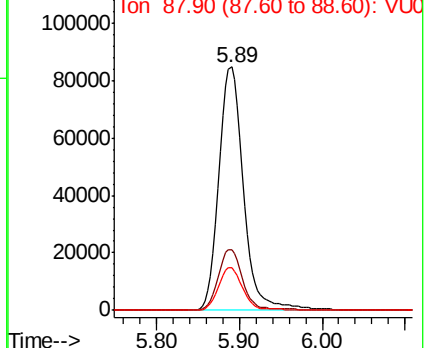
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

Instrument :
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 B-7(6-6.5)DL

Tgt Ion:114 Resp: 174377
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 17.3 0.0 33.8

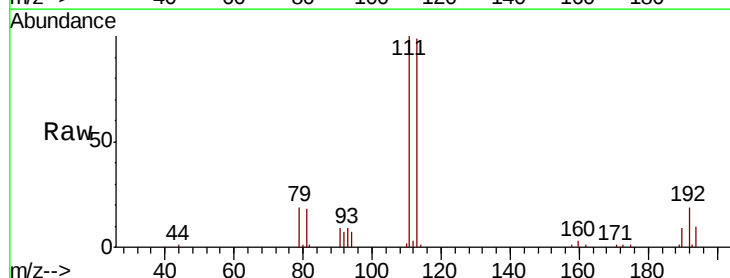


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

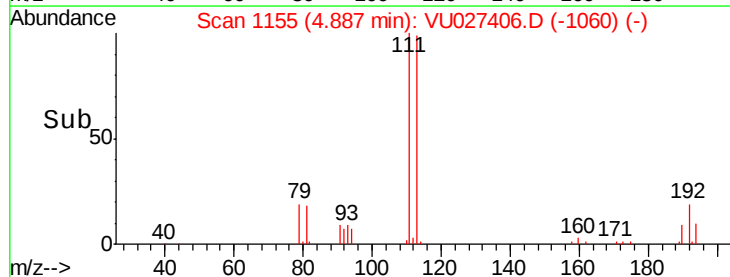
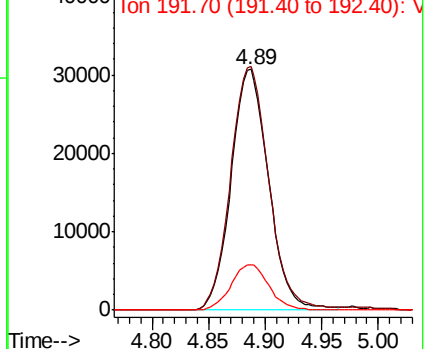


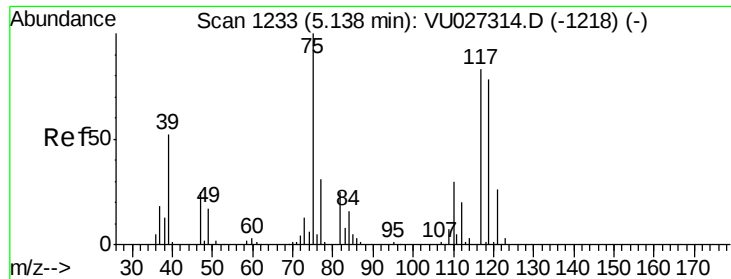
#35
 Dibromofluoromethane
 Concen: 59.296 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

Tgt Ion:113 Resp: 70862
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 19.0 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

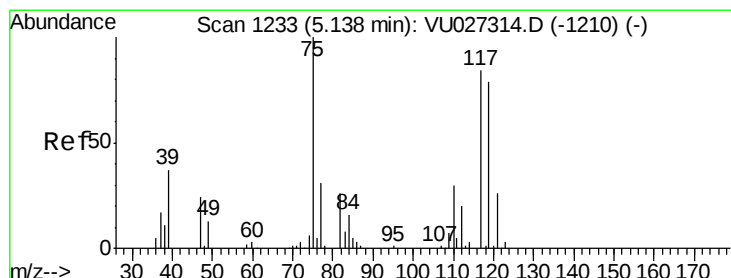
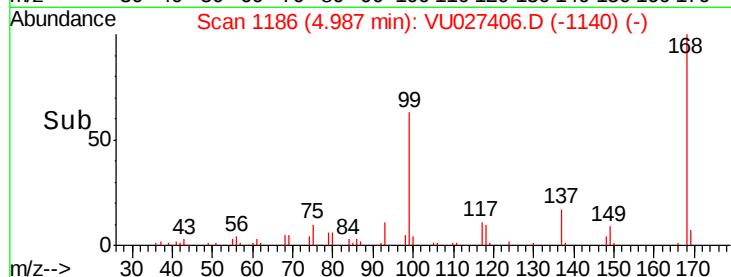
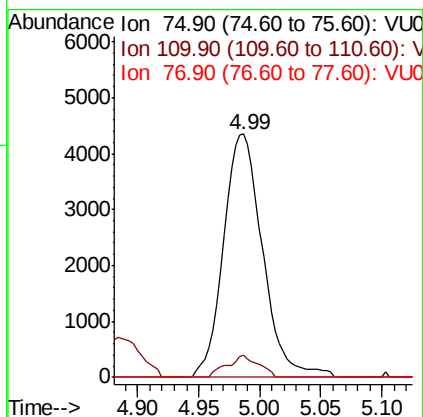
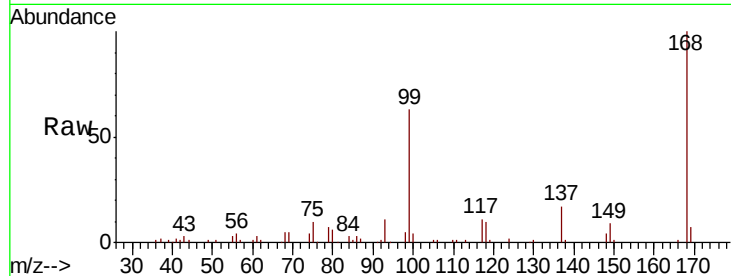




#36
 1,1-Dichloropropene
 Concen: 5.135 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

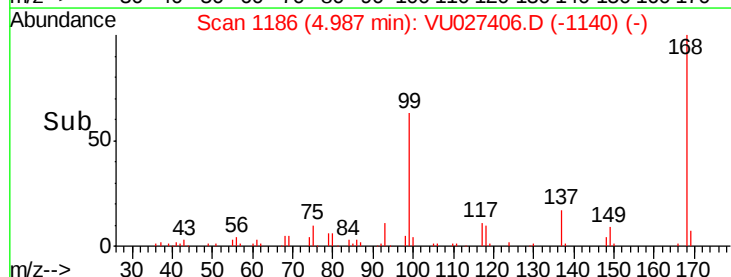
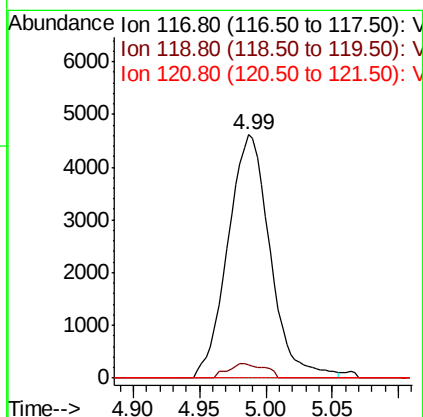
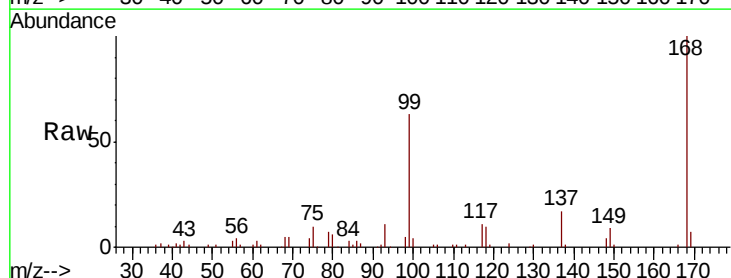
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 B-7(6-6.5)DL

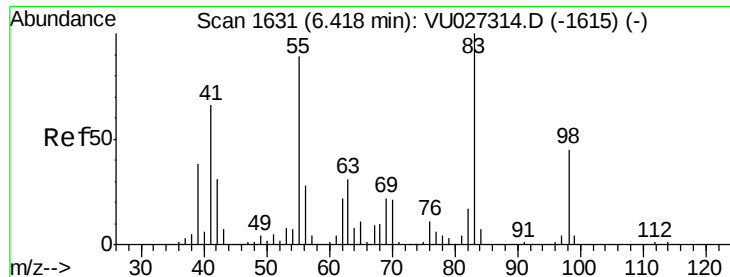
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.3	15.5	46.5#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 5.991 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.5	111.7#
121	0.0	24.6	37.0#

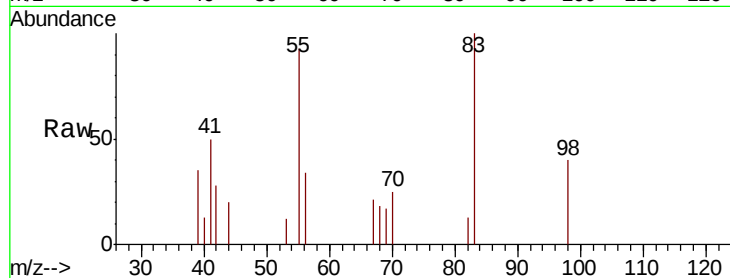




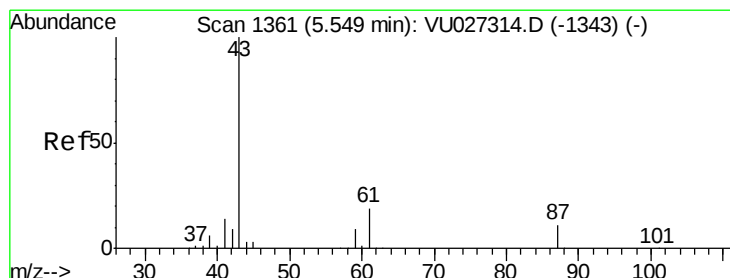
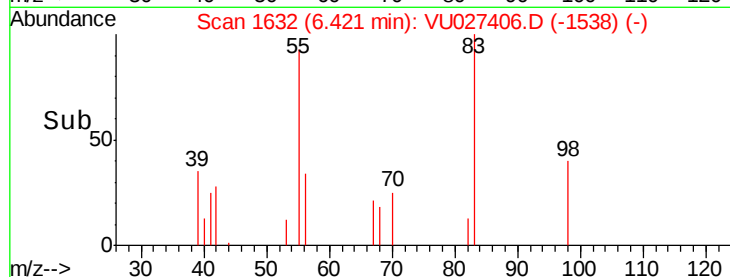
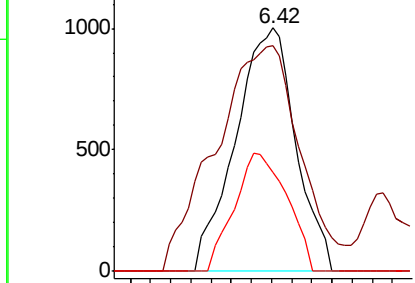
#39
Methylcyclohexane
Concen: 0.942 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Instrument :
MSVOA_U
ClientSampleId :
B-7(6-6.5)DL

Tgt Ion: 83 Resp: 2085
Ion Ratio Lower Upper
83 100
55 81.5 71.1 106.7
98 40.4 36.3 54.5

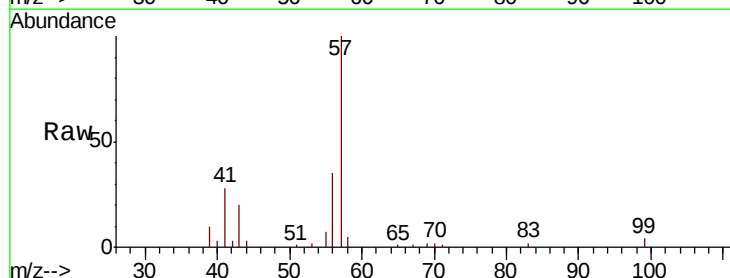


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

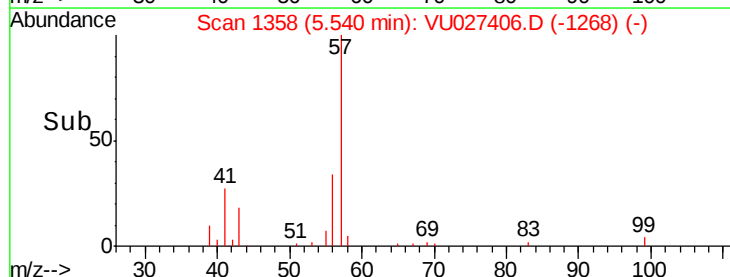
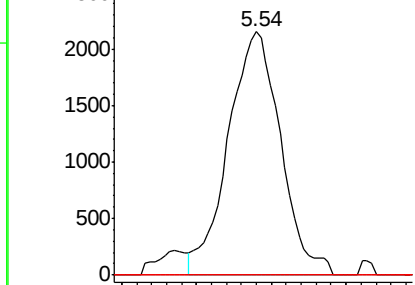


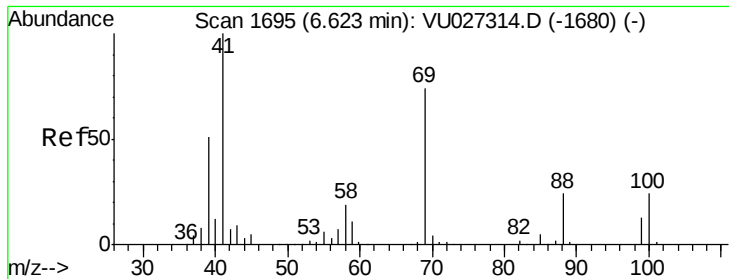
#43
Isopropyl Acetate
Concen: 1.378 ug/l
RT: 5.54 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion: 43 Resp: 5237
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

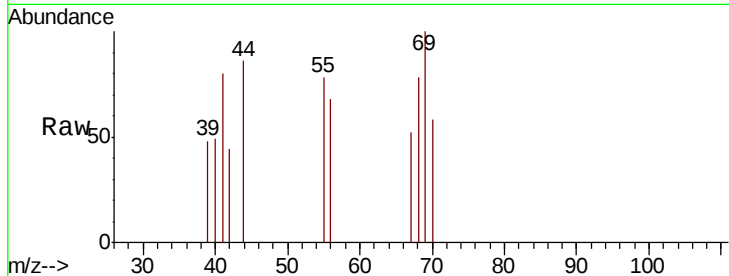




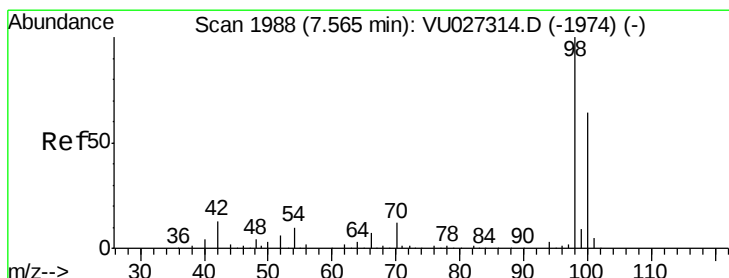
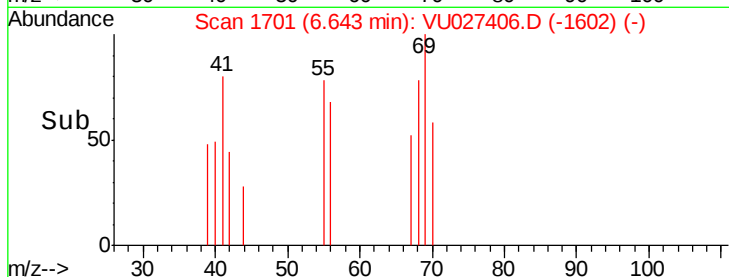
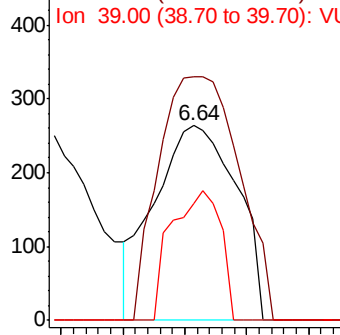
#48
Methyl methacrylate
Concen: 0.259 ug/l
RT: 6.64 min Scan# 1701
Delta R.T. 0.02 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Instrument :
MSVOA_U
ClientSampleId :
B-7(6-6.5)DL

Tgt Ion: 41 Resp: 489
Ion Ratio Lower Upper
41 100
69 122.3 61.0 91.4#
39 39.7 39.9 59.9#

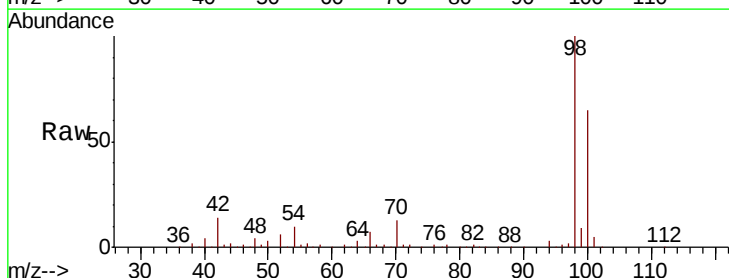


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

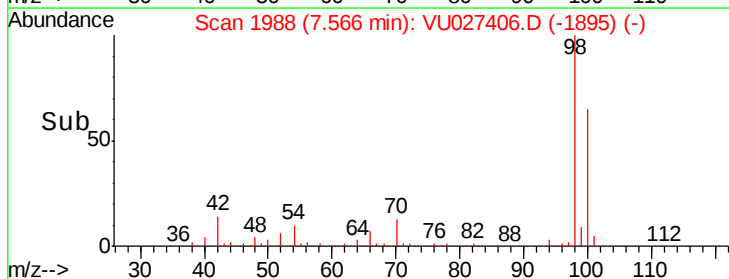
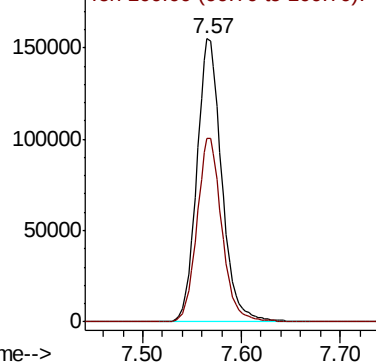


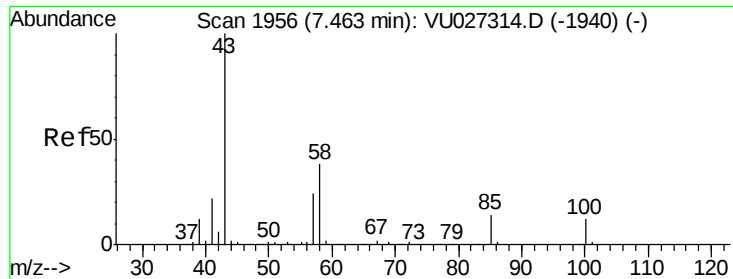
#50
Toluene-d8
Concen: 61.441 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion: 98 Resp: 274810
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 0.506 ug/l

RT: 7.52 min Scan# 1974

Delta R.T. 0.06 min

Lab File: VU027406.D

Acq: 04 Oct 2018 14:19

Instrument :

MSVOA_U

ClientSampleId :

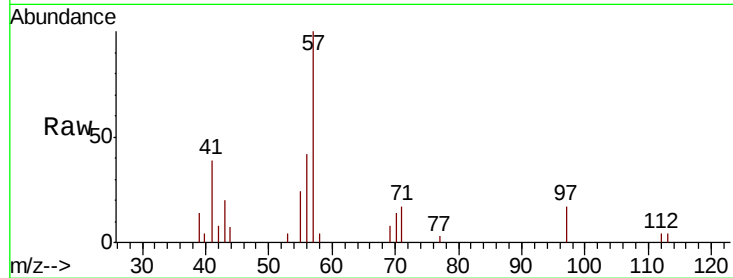
B-7(6-6.5)DL

Tgt Ion: 43 Resp: 1250

Ion Ratio Lower Upper

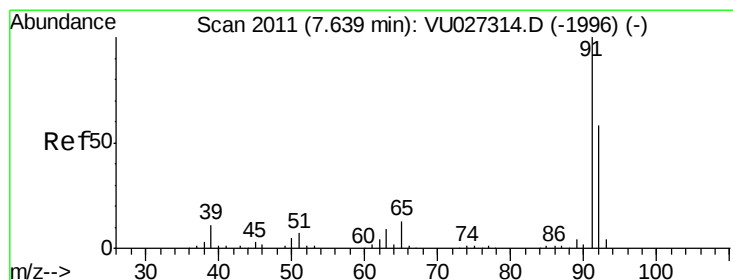
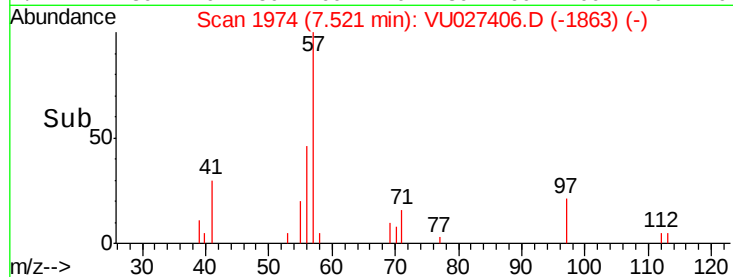
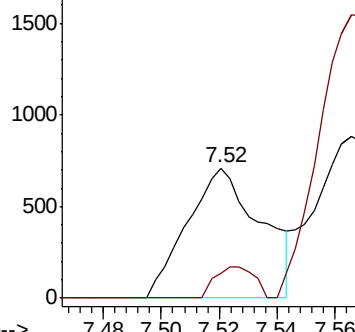
43 100

58 12.8 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 6.546 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027406.D

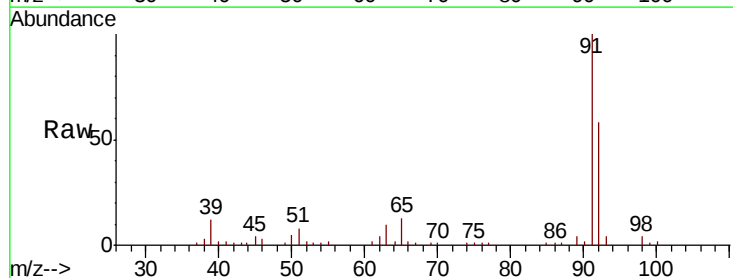
Acq: 04 Oct 2018 14:19

Tgt Ion: 92 Resp: 21368

Ion Ratio Lower Upper

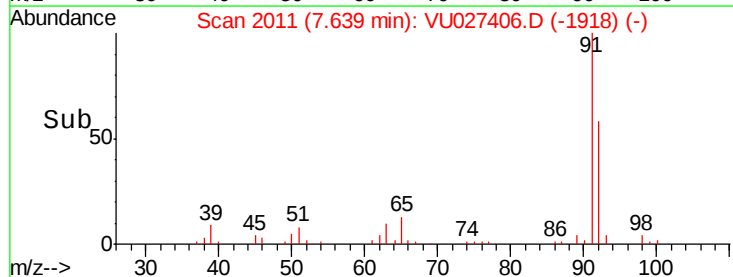
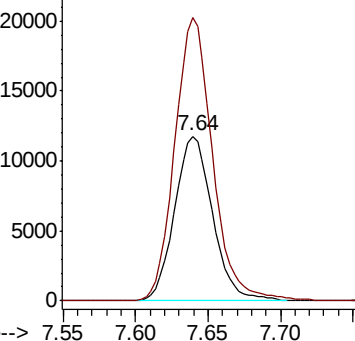
92 100

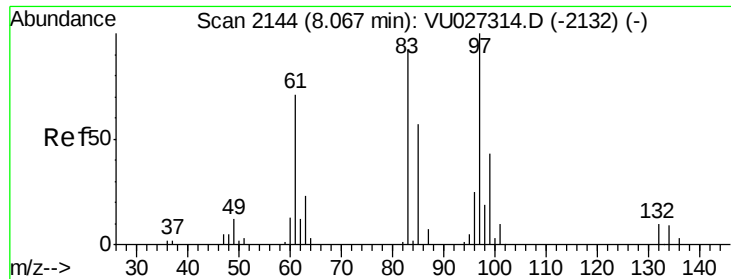
91 171.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

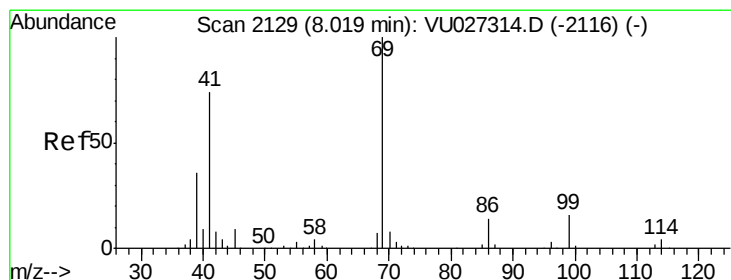
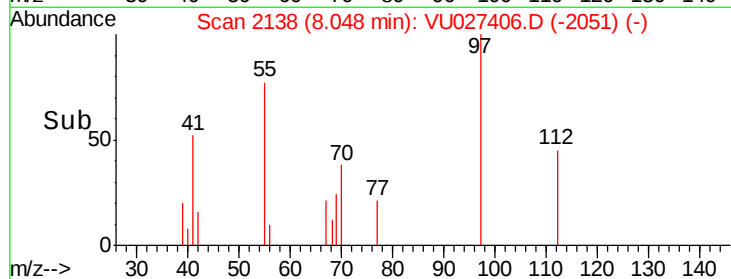
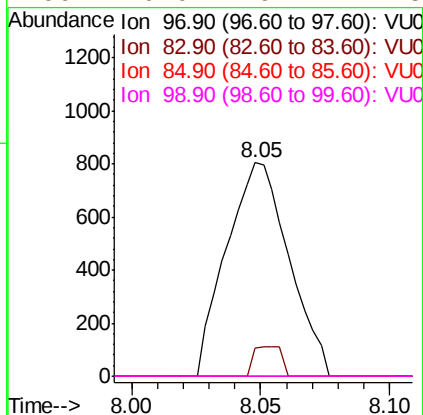
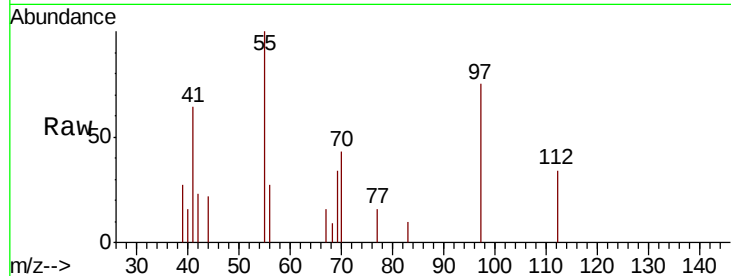




#55
1,1,2-Trichloroethane
Concen: 1.052 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

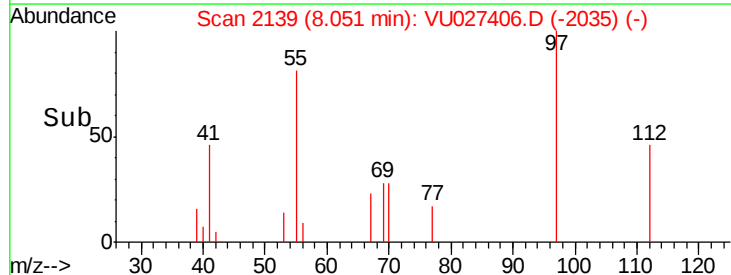
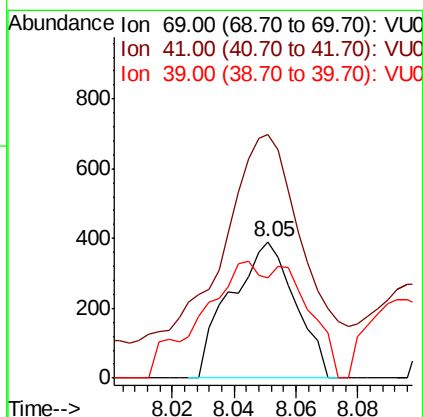
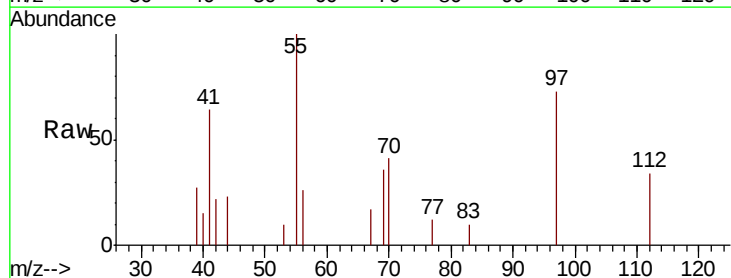
Instrument :
MSVOA_U
ClientSampleId :
B-7(6-6.5)DL

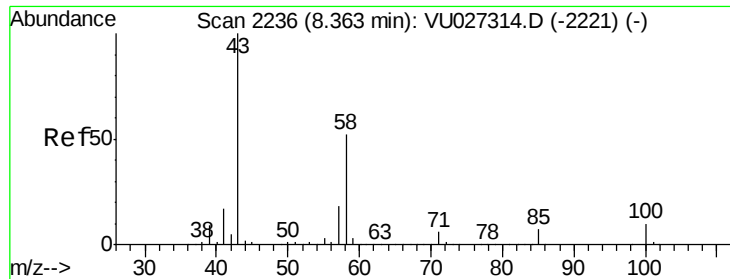
Tgt Ion: 97 Resp: 1361
Ion Ratio Lower Upper
97 100
83 13.3 73.0 109.6#
85 0.0 47.3 70.9#
99 0.0 49.7 74.5#



#56
Ethyl methacrylate
Concen: 2.490 ug/l
RT: 8.05 min Scan# 2139
Delta R.T. 0.03 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion: 69 Resp: 568
Ion Ratio Lower Upper
69 100
41 260.4 60.0 90.0#
39 87.1 29.5 44.3#

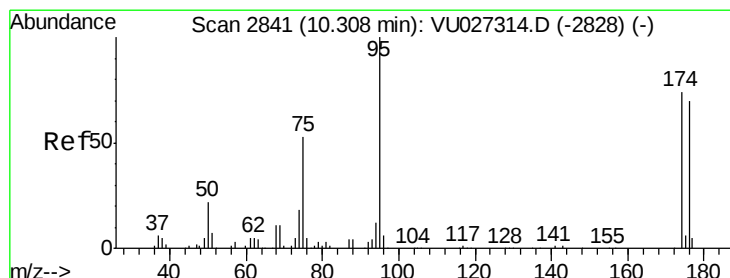
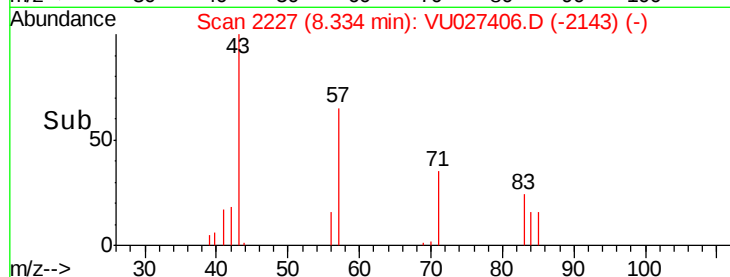
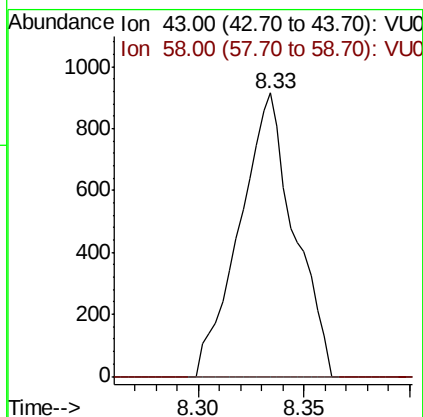
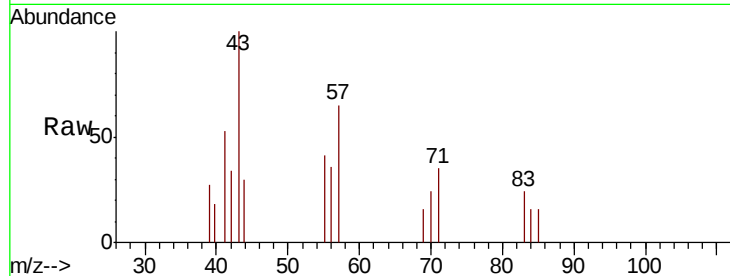




#59
2-Hexanone
Concen: 0.861 ug/l
RT: 8.33 min Scan# 2227
Delta R.T. -0.03 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

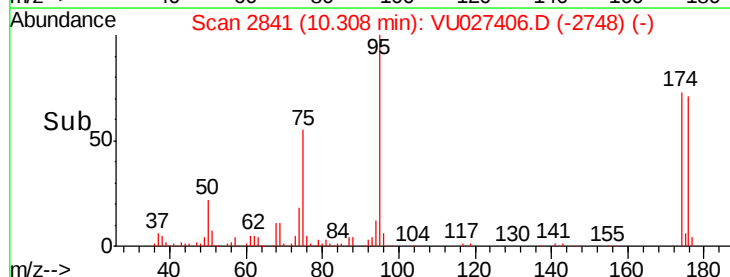
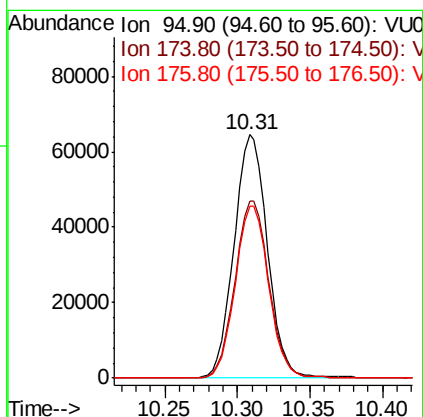
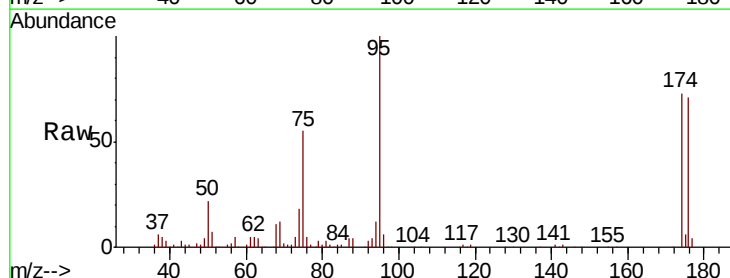
Instrument :
MSVOA_U
ClientSampled :
B-7(6-6.5)DL

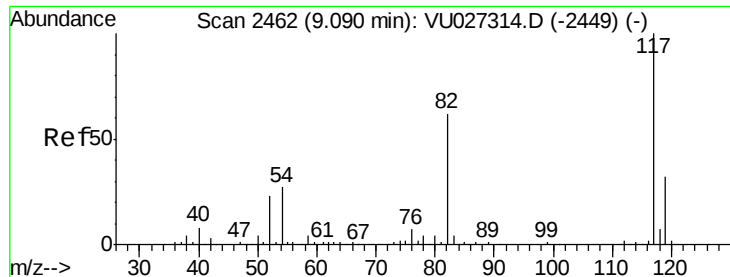
Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 62.074 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion: 95 Resp: 103182
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.8
176 71.1 0.0 140.8

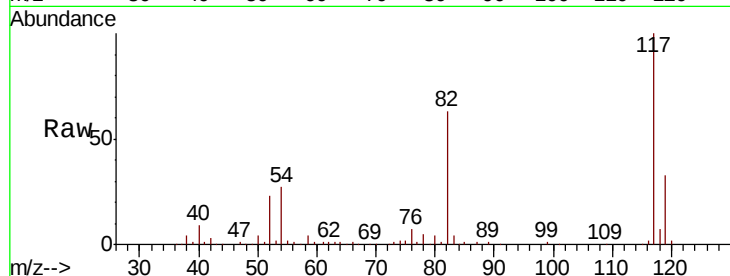




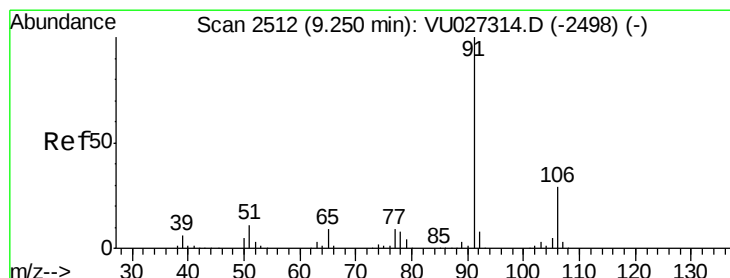
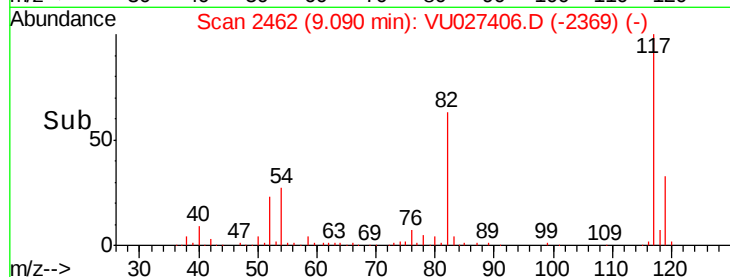
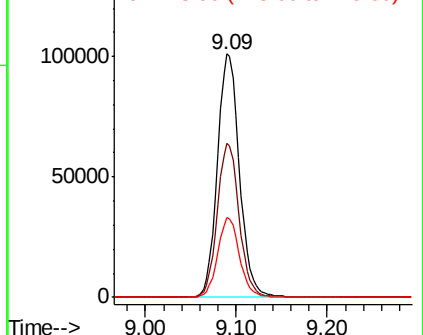
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Instrument :
MSVOA_U
ClientSampleId :
B-7(6-6.5)DL

Tgt Ion: 117 Resp: 170201
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 32.6 25.7 38.5

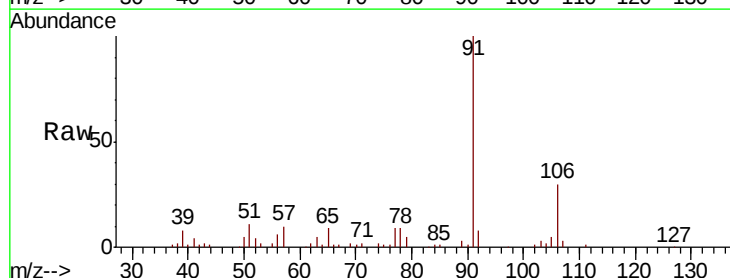


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

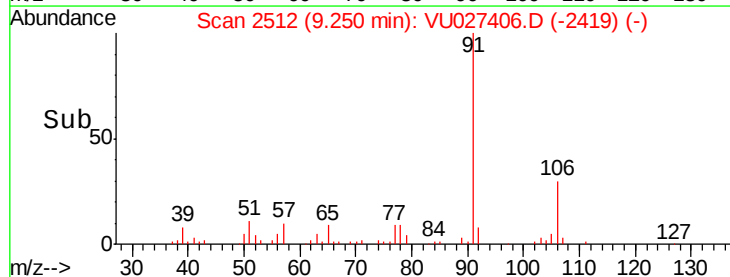
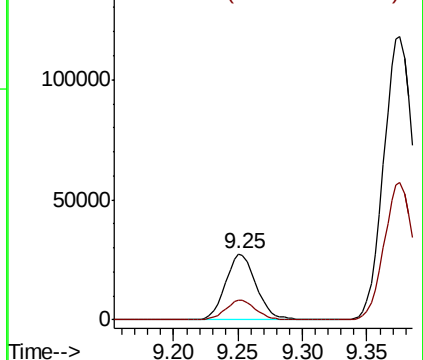


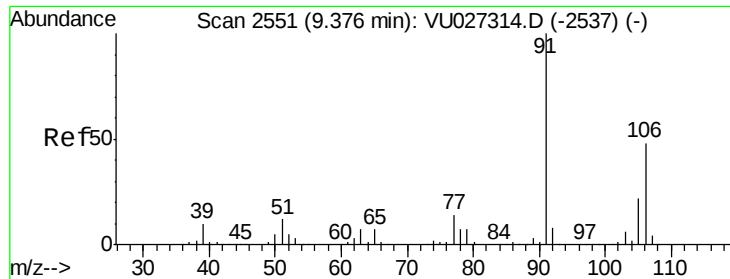
#67
Ethyl Benzene
Concen: 7.152 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion: 91 Resp: 45396
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



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

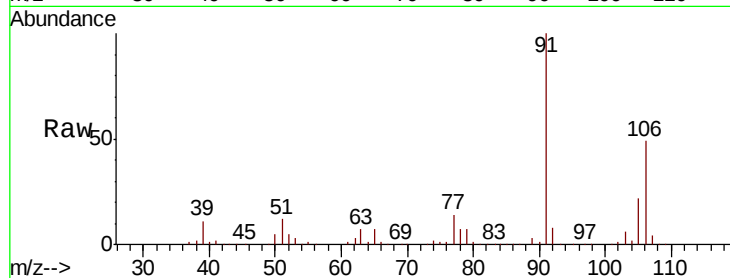




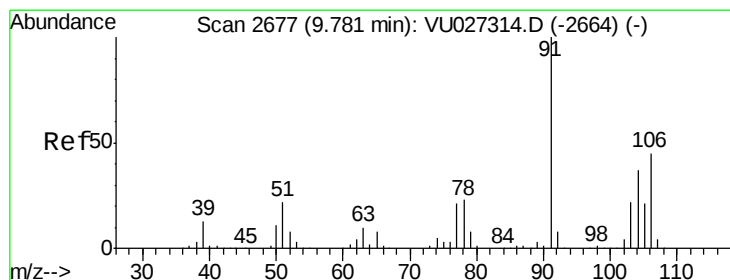
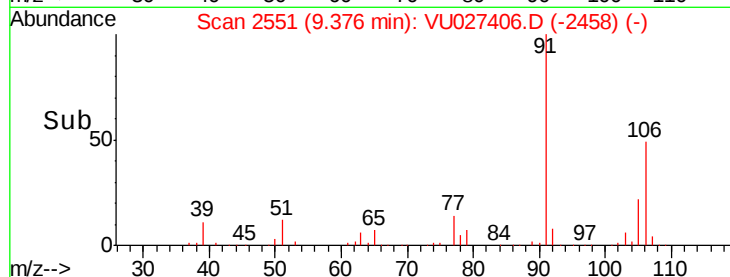
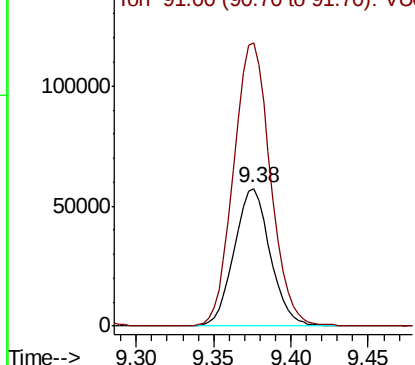
#68
m/p-Xylenes
Concen: 40.063 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Instrument :
MSVOA_U
ClientSampleId :
B-7(6-6.5)DL

Tgt Ion:106 Resp: 93016
Ion Ratio Lower Upper
106 100
91 209.7 168.1 252.1

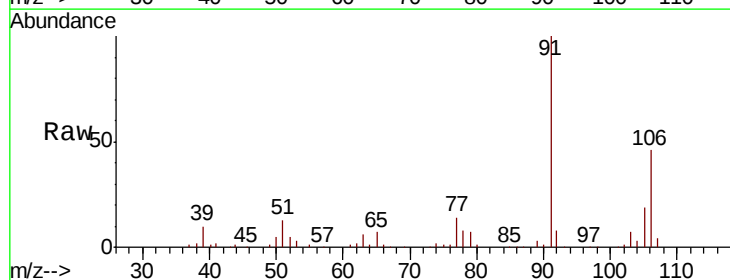


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

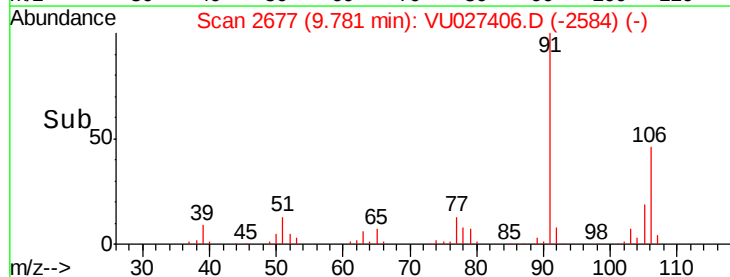
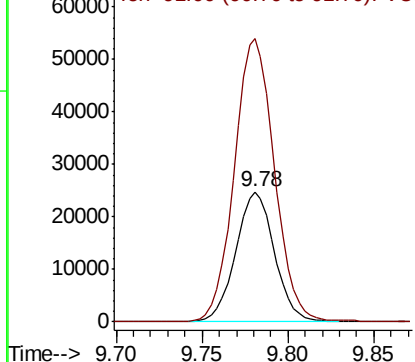


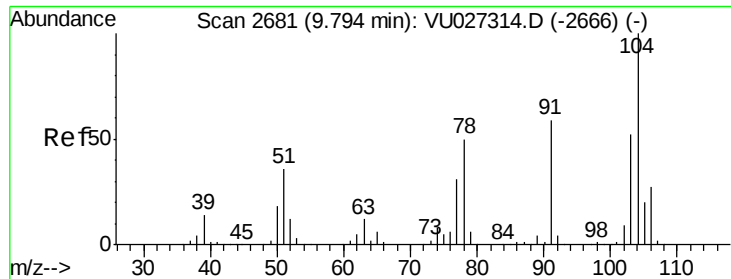
#69
o-Xylene
Concen: 17.516 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion:106 Resp: 38646
Ion Ratio Lower Upper
106 100
91 227.5 111.7 334.9



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

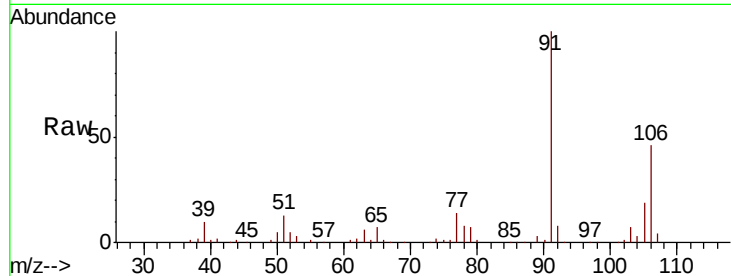




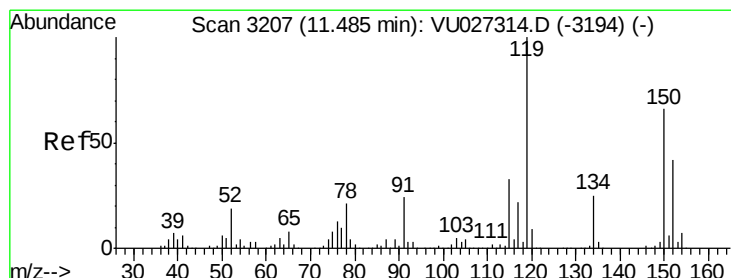
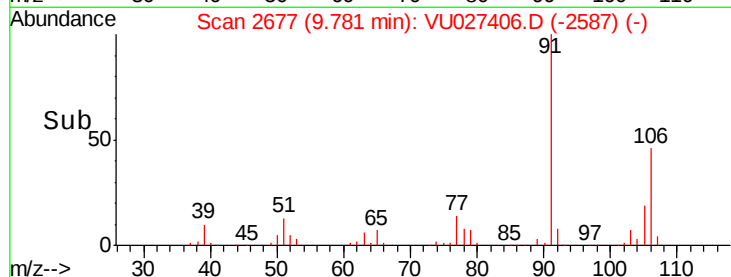
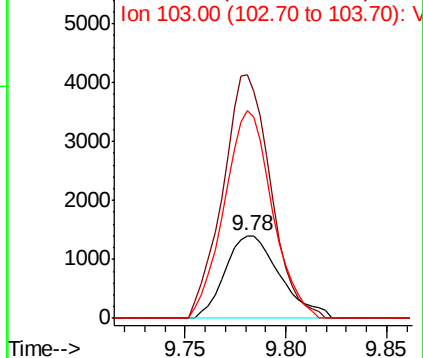
#70
Styrene
Concen: 2.917 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Instrument :
MSVOA_U
ClientSampled :
B-7(6-6.5)DL

Tgt Ion:104 Resp: 2670
Ion Ratio Lower Upper
104 100
78 256.6 42.9 64.3#
103 219.4 43.9 65.9#

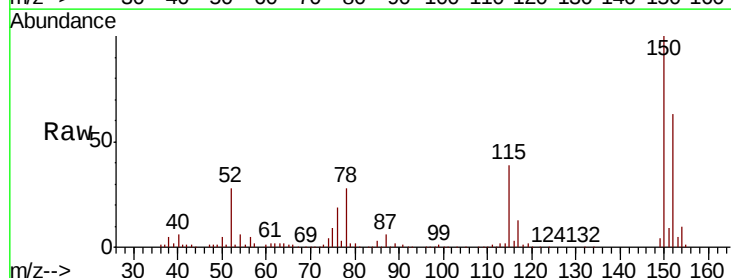


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

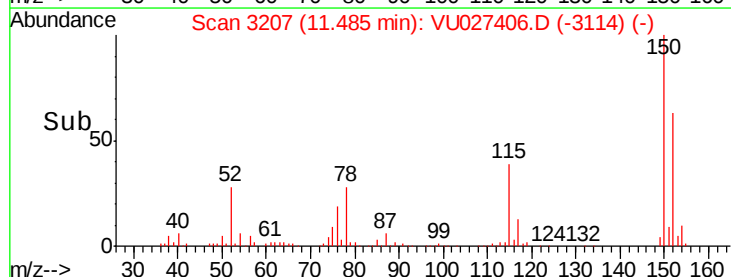
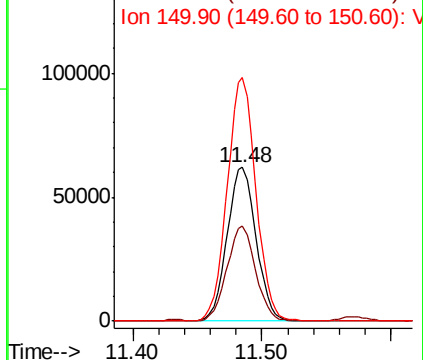


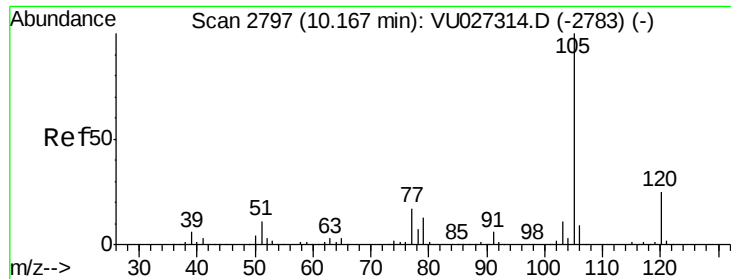
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion:152 Resp: 96286
Ion Ratio Lower Upper
152 100
115 61.4 43.4 130.2
150 157.3 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





#73

Isopropylbenzene

Concen: 1.284 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027406.D

Acq: 04 Oct 2018 14:19

Instrument :

MSVOA_U

ClientSampleId :

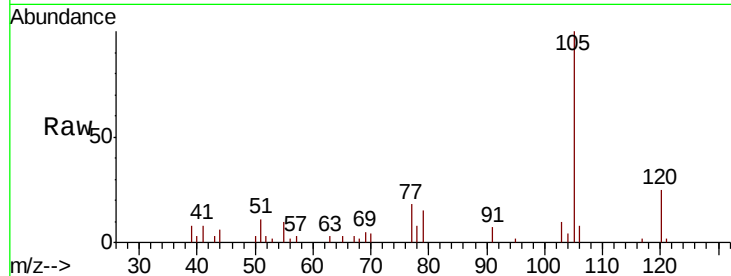
B-7(6-6.5)DL

Tgt Ion: 105 Resp: 8976

Ion Ratio Lower Upper

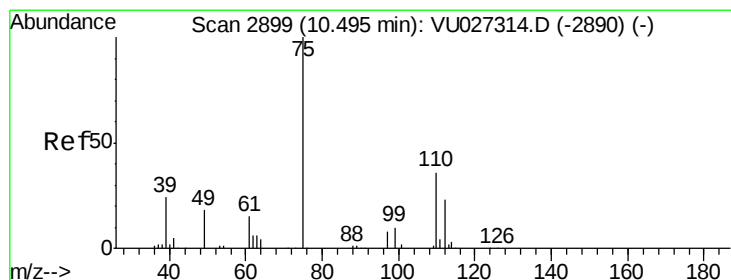
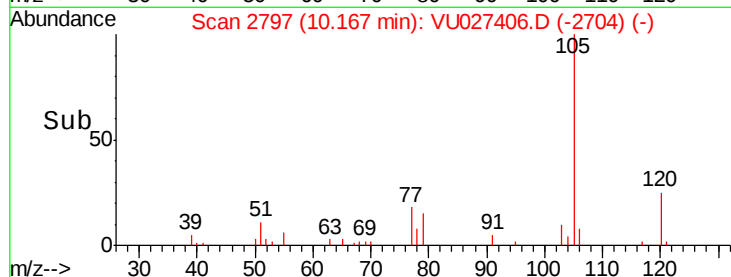
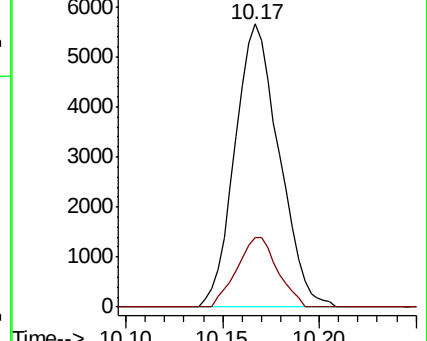
105 100

120 22.6 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: 22.538 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027406.D

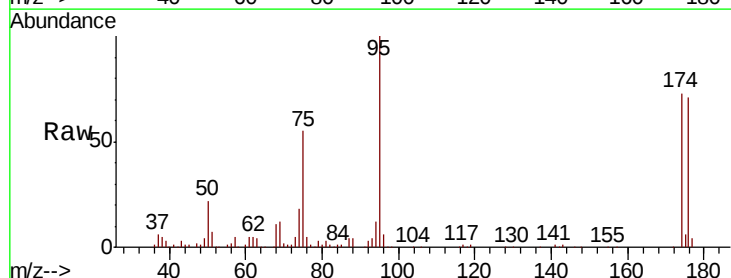
Acq: 04 Oct 2018 14:19

Tgt Ion: 75 Resp: 56253

Ion Ratio Lower Upper

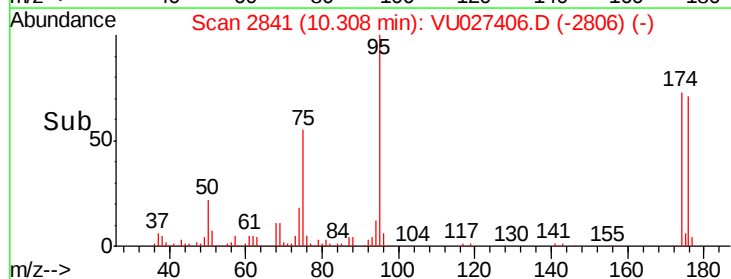
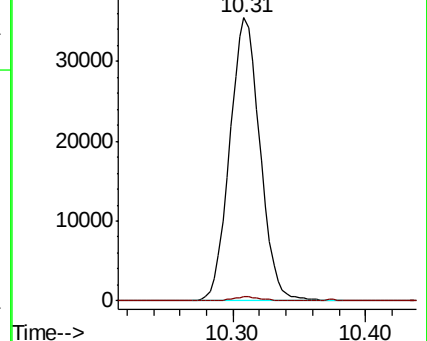
75 100

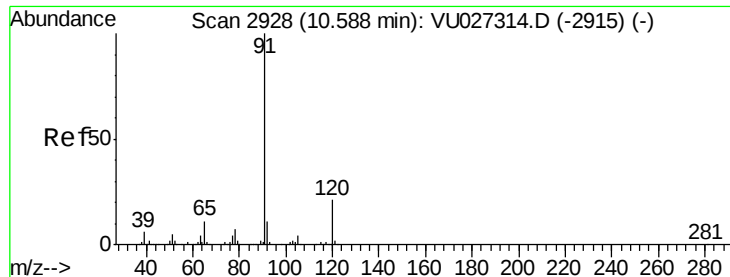
77 0.0 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 5.048 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027406.D

Acq: 04 Oct 2018 14:19

Instrument :

MSVOA_U

ClientSampleId :

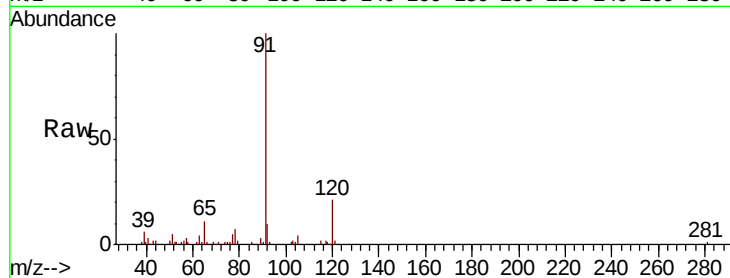
B-7(6-6.5)DL

Tgt Ion: 91 Resp: 42419

Ion Ratio Lower Upper

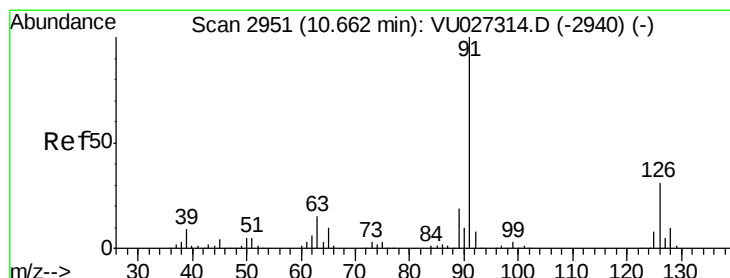
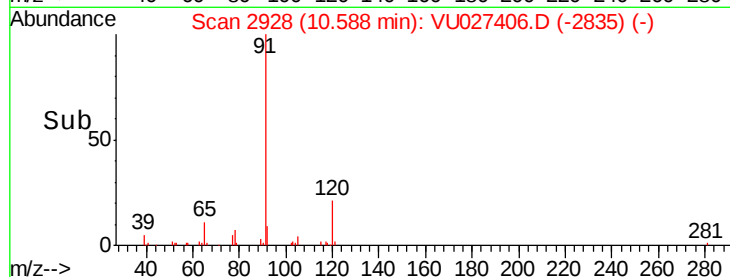
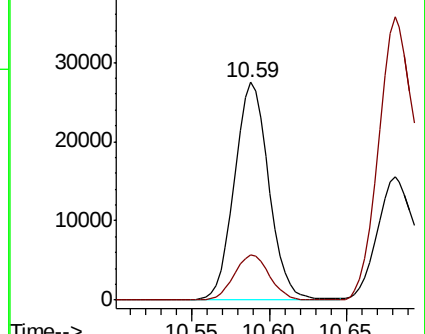
91 100

120 21.3 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: 6.594 ug/l

RT: 10.68 min Scan# 2957

Delta R.T. 0.02 min

Lab File: VU027406.D

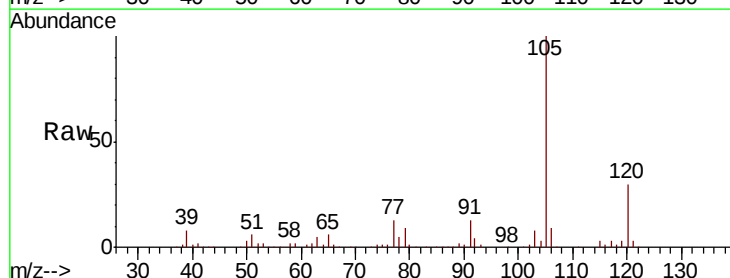
Acq: 04 Oct 2018 14:19

Tgt Ion: 91 Resp: 33456

Ion Ratio Lower Upper

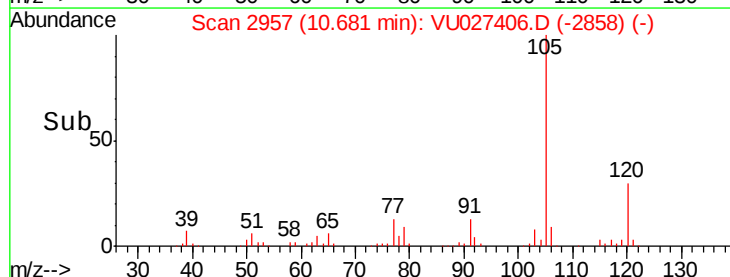
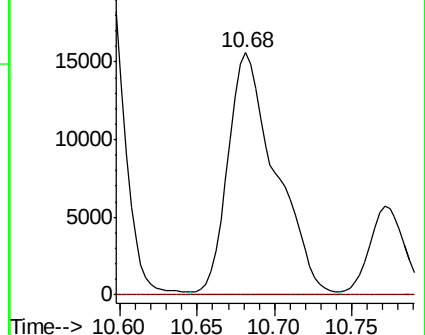
91 100

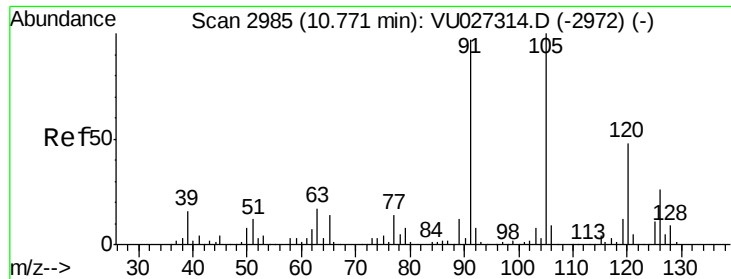
126 0.0 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

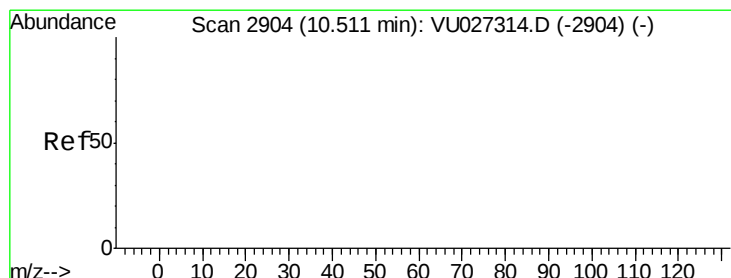
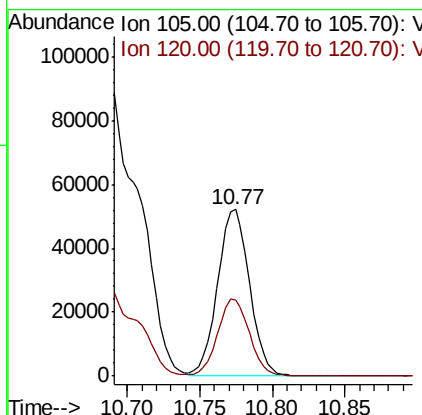
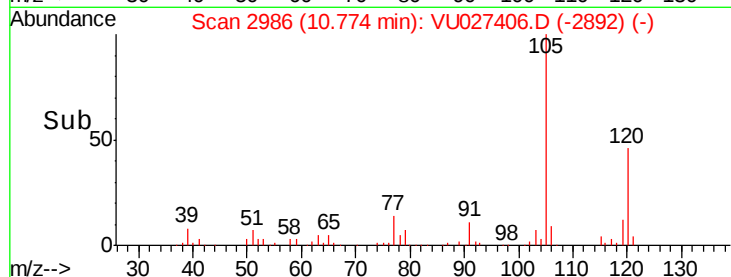
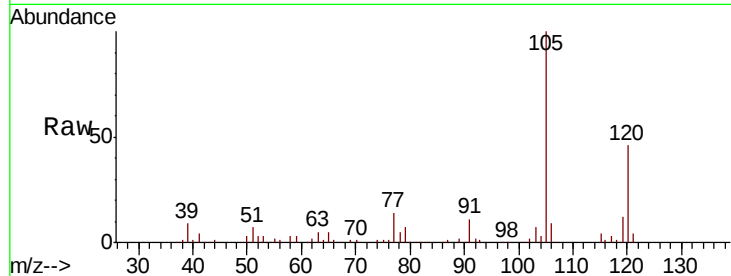




#80
 1,3,5-Trimethylbenzene
 Concen: 14.111 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

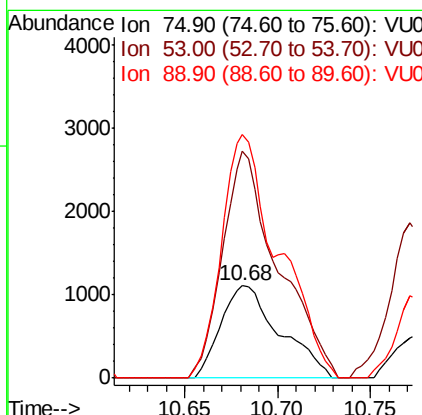
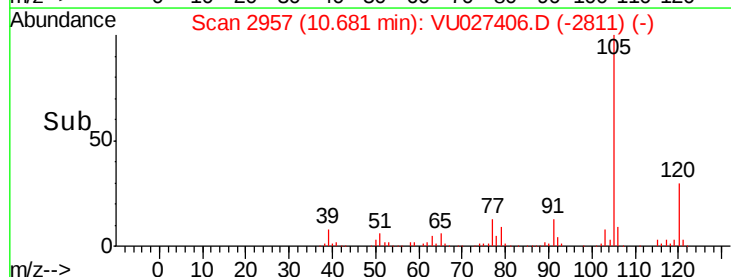
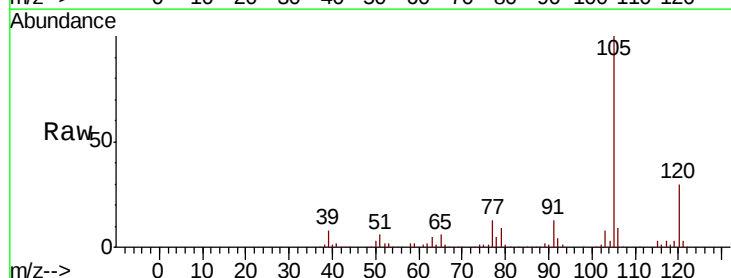
Instrument :
 MSVOA_U
 ClientSampleId :
 B-7(6-6.5)DL

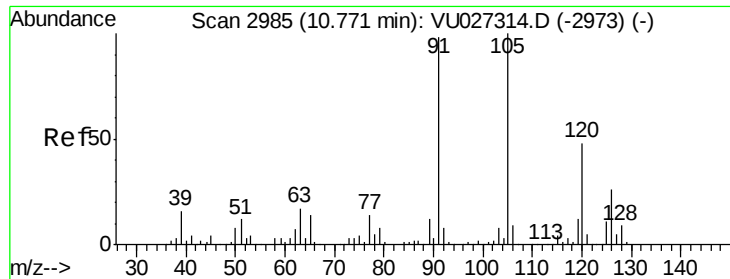
Tgt Ion: 105 Resp: 80341
 Ion Ratio Lower Upper
 105 100
 120 45.9 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.570 ug/l
 RT: 10.68 min Scan# 2957
 Delta R.T. 0.17 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

Tgt Ion: 75 Resp: 2451
 Ion Ratio Lower Upper
 75 100
 53 231.6 0.0 0.0#
 89 254.7 0.0 0.0#





#82

4-Chlorotoluene

Concen: 1.584 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027406.D

Acq: 04 Oct 2018 14:19

Instrument :

MSVOA_U

ClientSampleId :

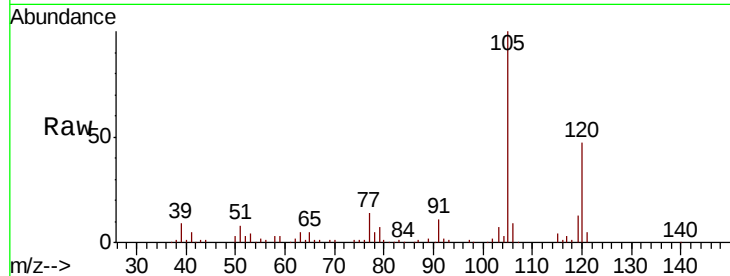
B-7(6-6.5)DL

Tgt Ion: 91 Resp: 9121

Ion Ratio Lower Upper

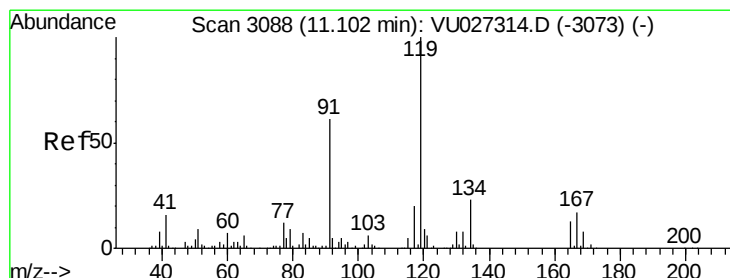
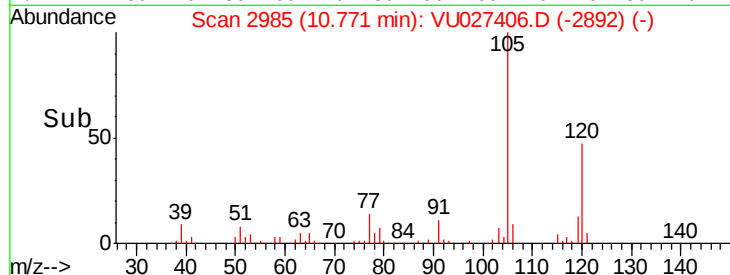
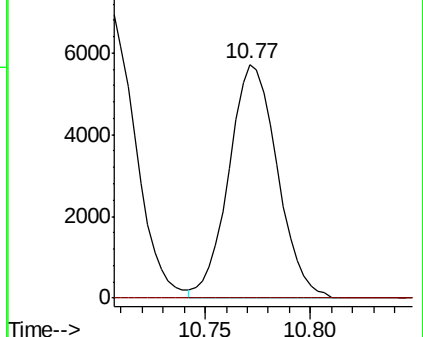
91 100

126 0.0 13.6 40.8#



Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2973) (-)

Ion 125.90 (125.60 to 126.60): VU027314.D (-2973) (-)



#83

tert-Butylbenzene

Concen: 5.957 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.05 min

Lab File: VU027406.D

Acq: 04 Oct 2018 14:19

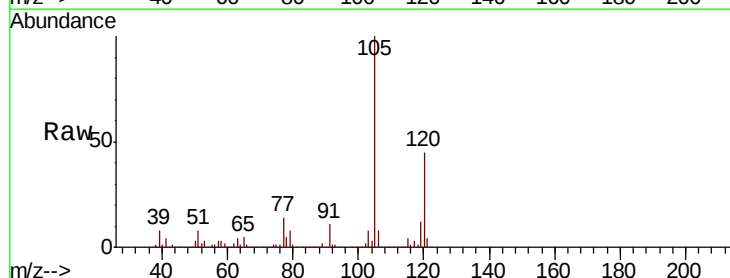
Tgt Ion: 119 Resp: 32786

Ion Ratio Lower Upper

119 100

91 90.6 30.3 91.0

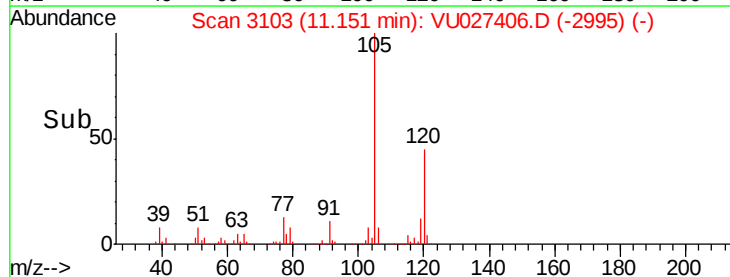
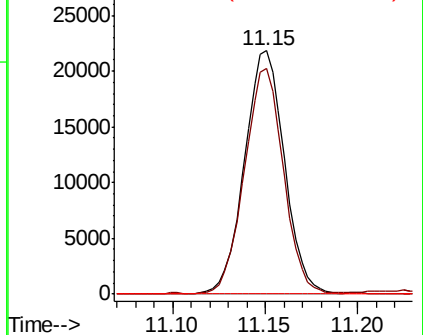
134 0.0 11.5 34.4#

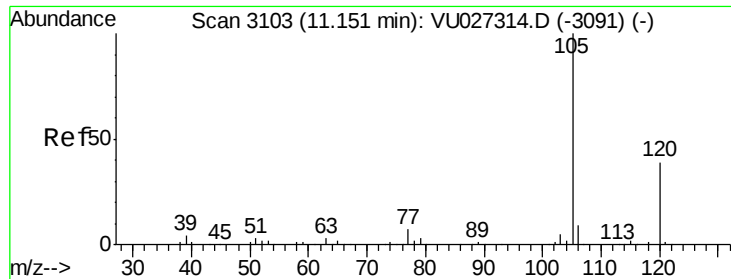


Abundance Ion 119.00 (118.70 to 119.70): VU027314.D (-3073) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-3073) (-)

Ion 134.00 (133.70 to 134.70): VU027314.D (-3073) (-)

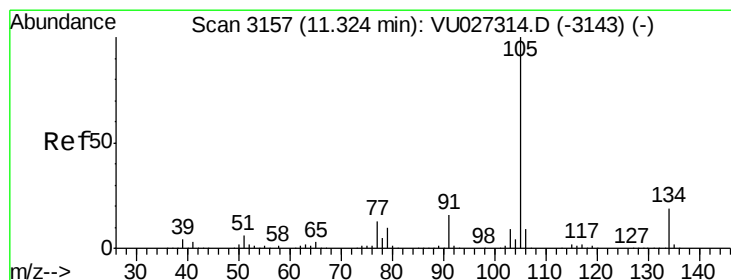
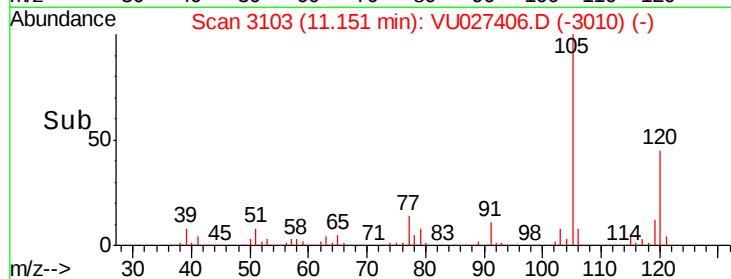
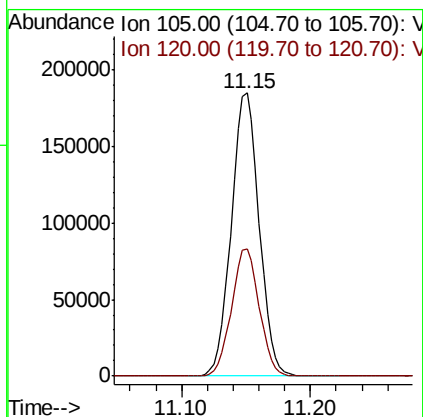
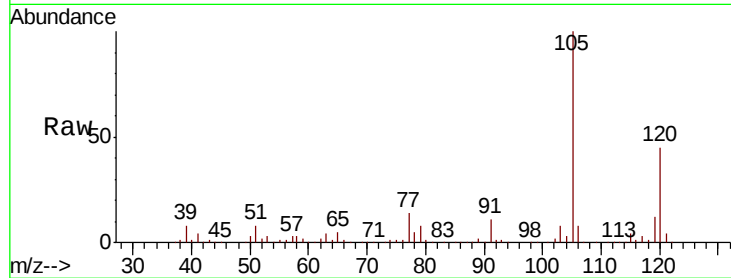




#84
 1,2,4-Trimethylbenzene
 Concen: 47.546 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

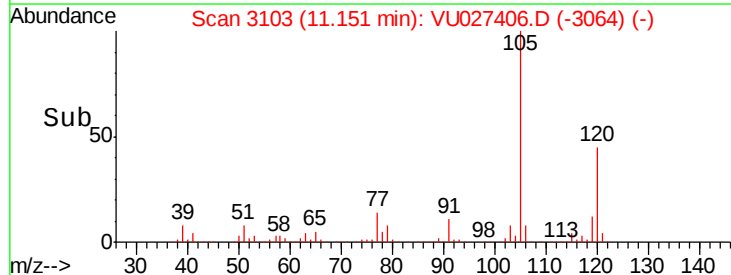
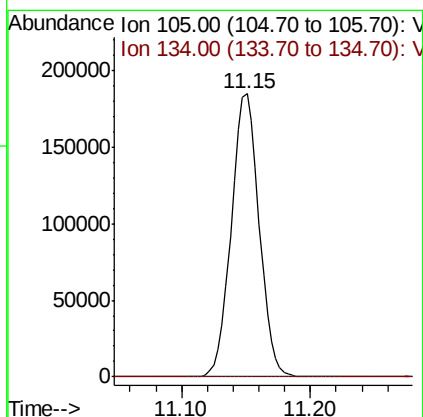
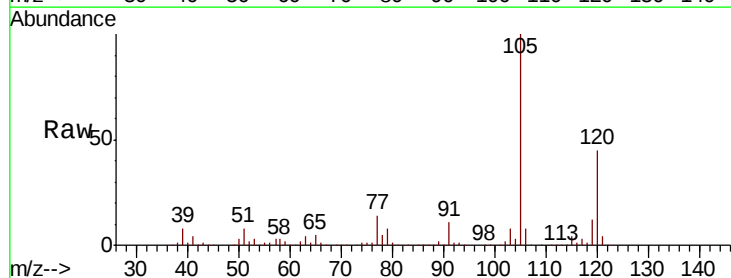
Instrument :
 MSVOA_U
 ClientSampleId :
 B-7(6-6.5)DL

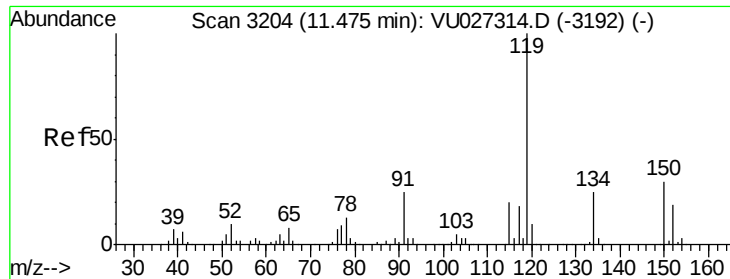
Tgt Ion:105 Resp: 276521
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 39.873 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.17 min
 Lab File: VU027406.D
 Acq: 04 Oct 2018 14:19

Tgt Ion:105 Resp: 276521
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#

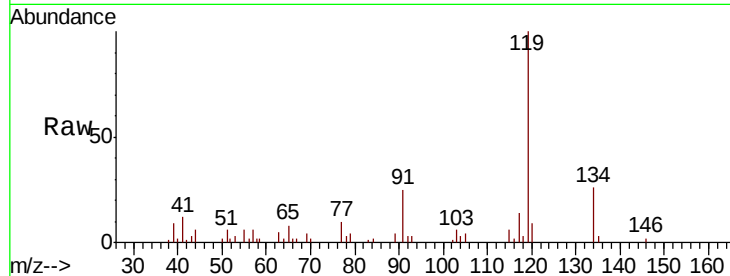




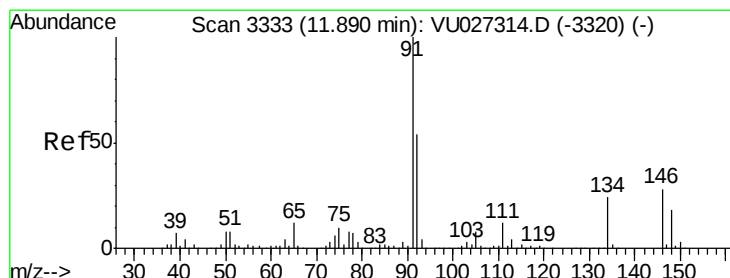
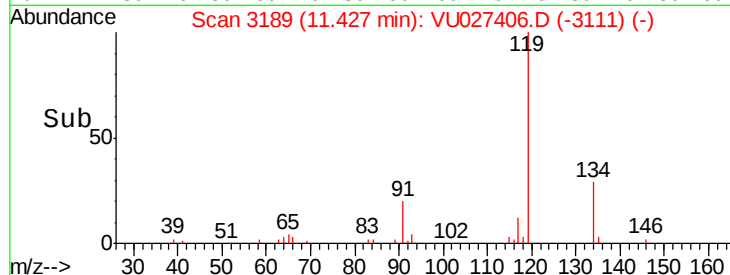
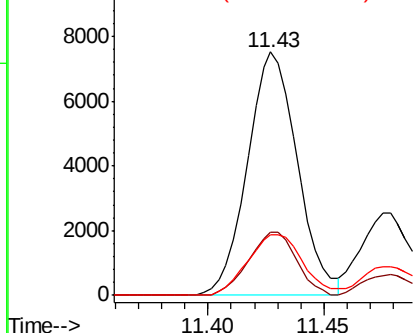
#86
p-Isopropyltoluene
Concen: 1.897 ug/l
RT: 11.43 min Scan# 3189
Delta R.T. -0.05 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Instrument :
MSVOA_U
ClientSampleId :
B-7(6-6.5)DL

Tgt Ion: 119 Resp: 11264
Ion Ratio Lower Upper
119 100
134 24.8 12.7 38.1
91 27.5 12.2 36.4

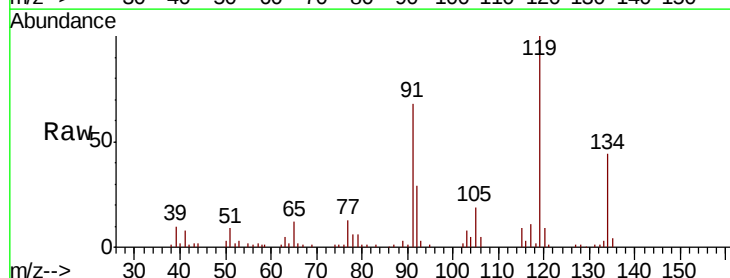


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

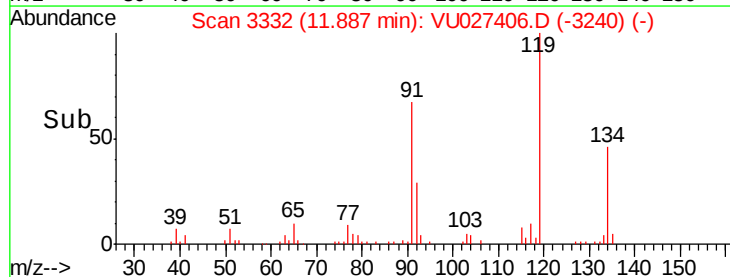
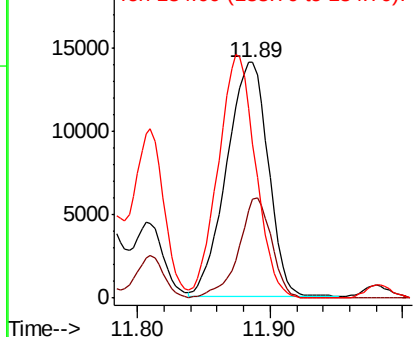


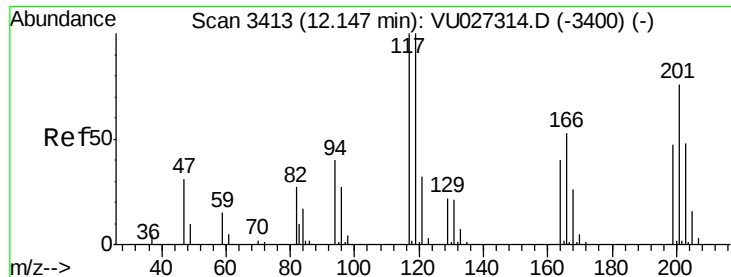
#89
n-Butylbenzene
Concen: 6.618 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion: 91 Resp: 30608
Ion Ratio Lower Upper
91 100
92 34.0 27.0 81.0
134 93.4 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

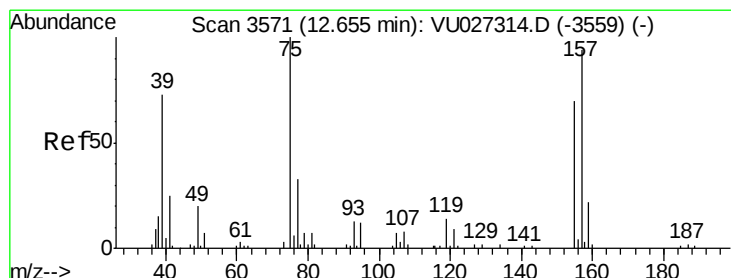
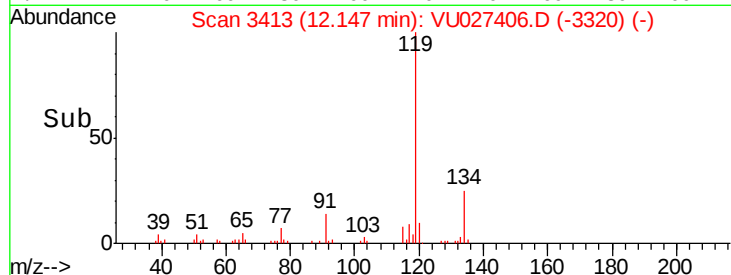
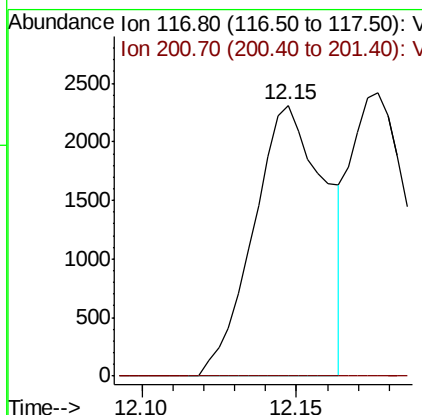
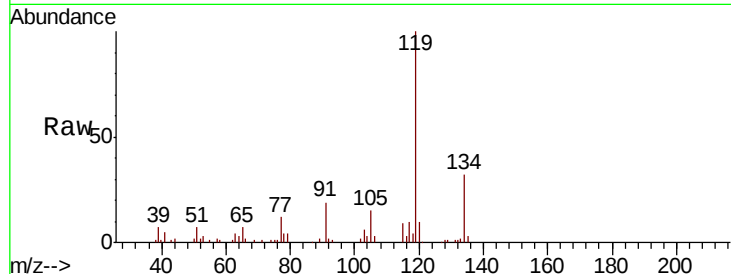




#90
Hexachloroethane
Concen: 3.345 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

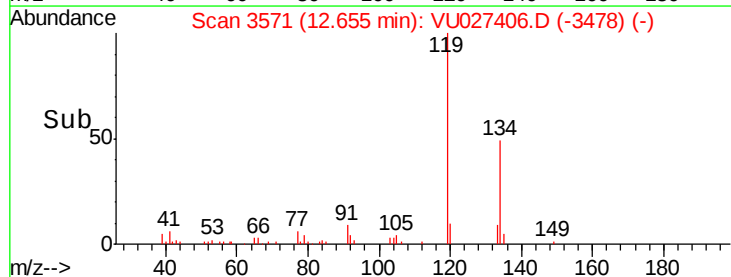
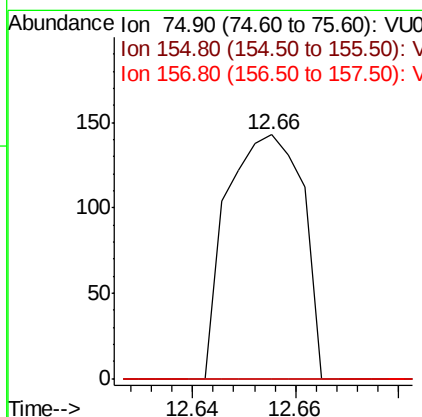
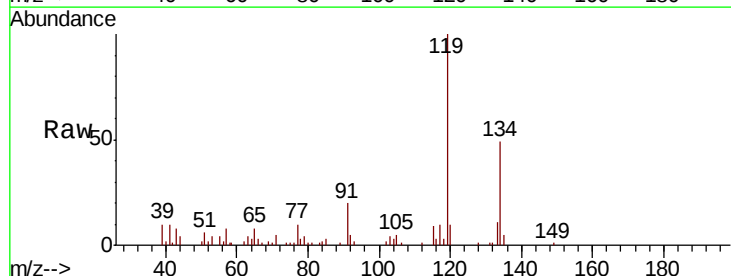
Instrument :
MSVOA_U
ClientSampled :
B-7(6-6.5)DL

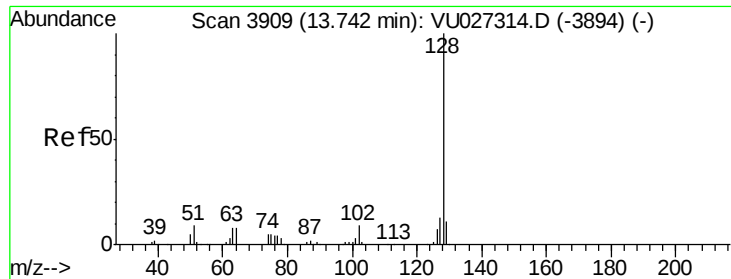
Tgt Ion: 117 Resp: 3744
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.238 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Tgt Ion: 75 Resp: 145
Ion Ratio Lower Upper
75 100
155 0.0 35.9 107.8#
157 0.0 46.9 140.6#

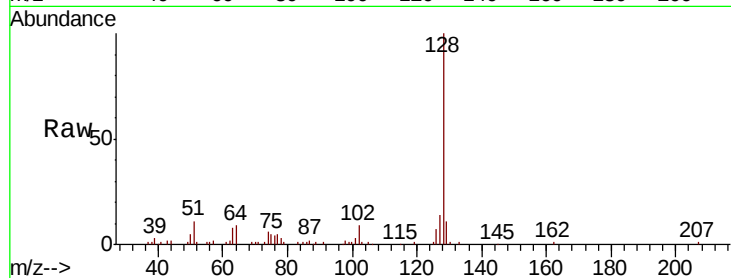




#95
Naphthalene
Concen: 8.071 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027406.D
Acq: 04 Oct 2018 14:19

Instrument :
MSVOA_U
ClientSampleId :
B-7(6-6.5)DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.8	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

