

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027401.D
 Acq On : 04 Oct 2018 12:23
 Operator : MD/SY
 Sample : J5084-18 50X
 Misc : 5.30g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-5(12-12.5)

Quant Time: Oct 05 03:13:28 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	105205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181711	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	175618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	93966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	106328	60.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.06%	
35) Dibromofluoromethane	4.89	113	73662	59.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.30%	
50) Toluene-d8	7.57	98	281529	60.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.80%	
62) 4-Bromofluorobenzene	10.31	95	102092	58.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.88%	

Target Compounds

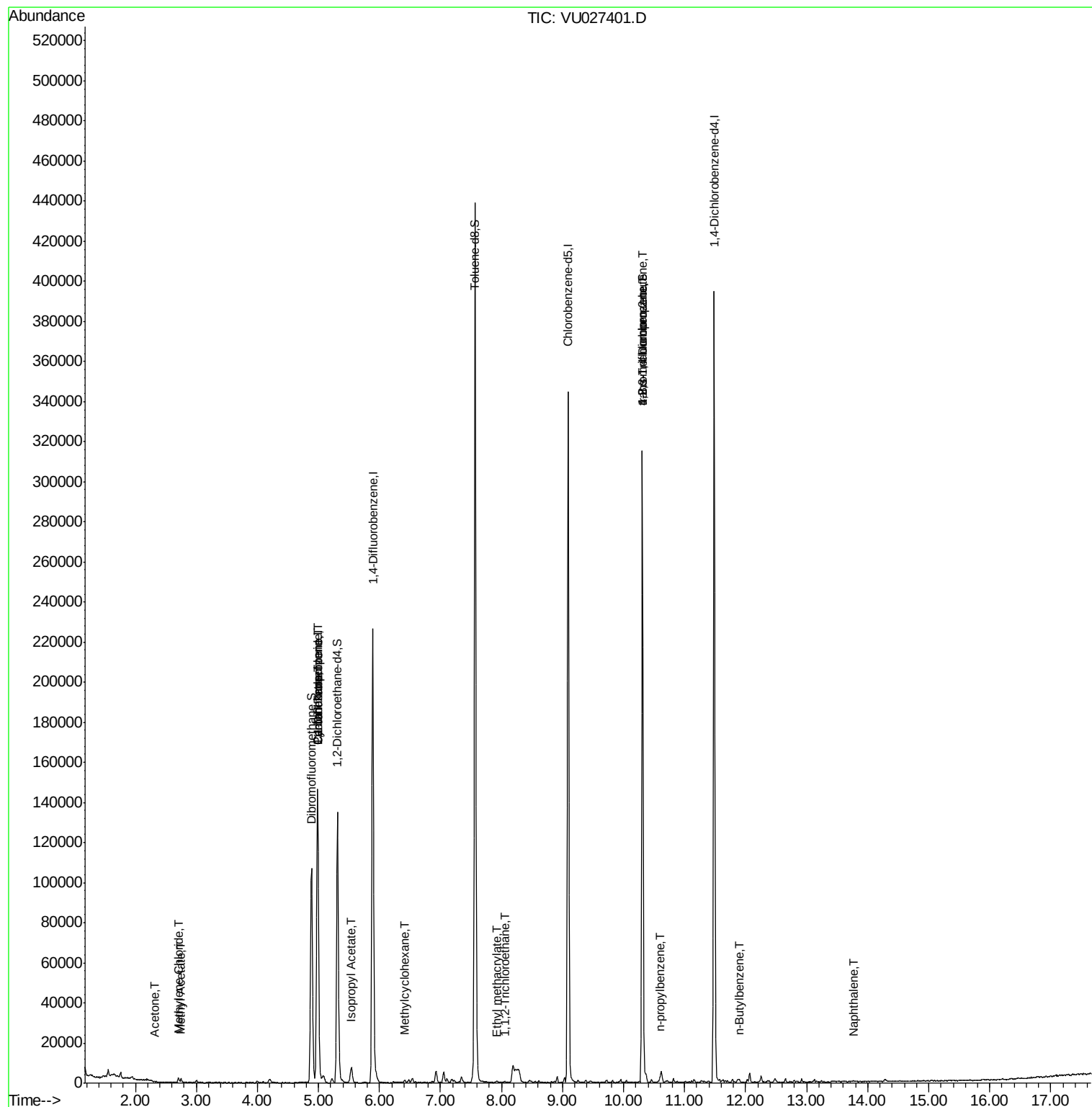
						Qvalue
16) Acetone	2.32	43	242	0.233	ug/l #	44
18) Methyl Acetate	2.74	43	1876	0.792	ug/l #	56
20) Methylene Chloride	2.70	84	674	0.466	ug/l	82
31) Cyclohexane	4.98	56	3041	0.845	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9349	4.739	ug/l #	50
38) Carbon Tetrachloride	4.98	117	10743	6.028	ug/l #	18
39) Methylcyclohexane	6.41	83	554	0.240	ug/l #	77
43) Isopropyl Acetate	5.54	43	1594	0.403	ug/l #	63
55) 1,1,2-Trichloroethane	8.06	97	298	0.221	ug/l #	13
56) Ethyl methacrylate	7.91	69	89	2.304	ug/l #	10
76) 1,2,3-Trichloropropane	10.31	75	54004	22.171	ug/l #	37
78) n-propylbenzene	10.59	91	1650	0.201	ug/l	81
81) trans-1,4-Dichloro-2-buten	10.31	75	54004	58.023	ug/l #	100
89) n-Butylbenzene	11.89	91	1298	2.152	ug/l #	73
95) Naphthalene	13.75	128	624	1.745	ug/l #	69

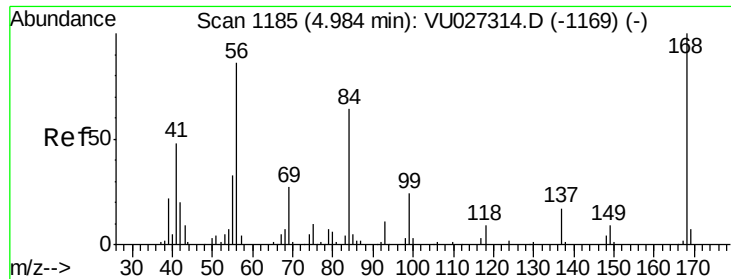
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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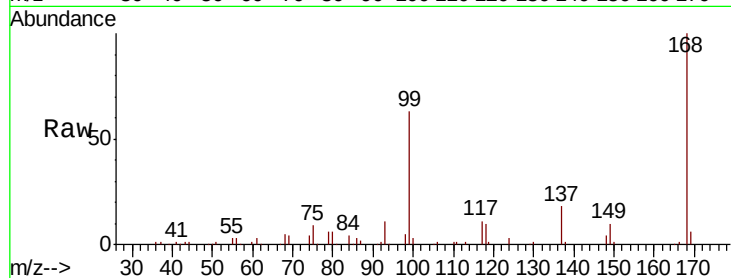




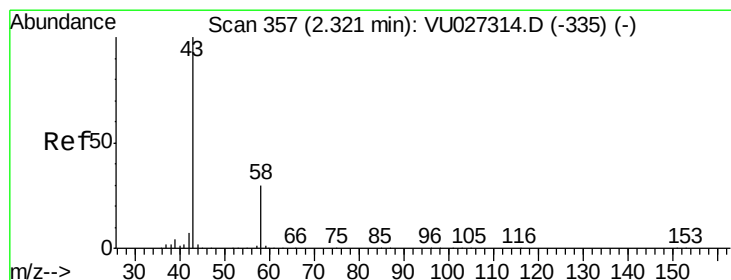
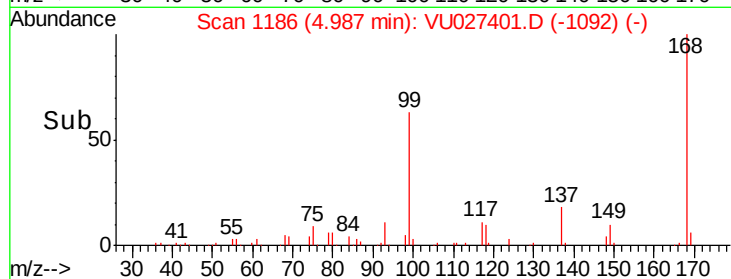
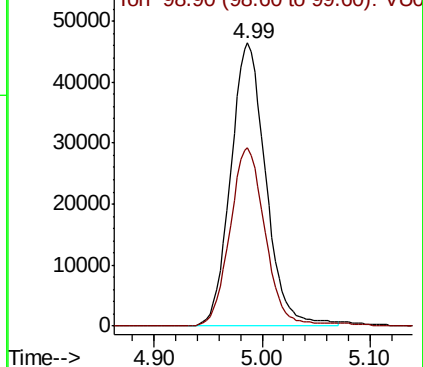
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Instrument :
MSVOA_U
ClientSampleId :
B-5(12-12.5)

Tgt Ion:168 Resp: 105205
Ion Ratio Lower Upper
168 100
99 62.9 50.8 76.2

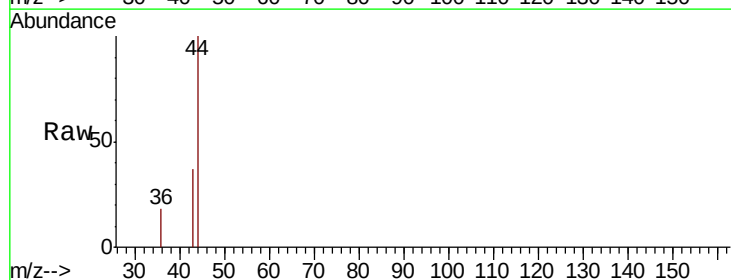


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

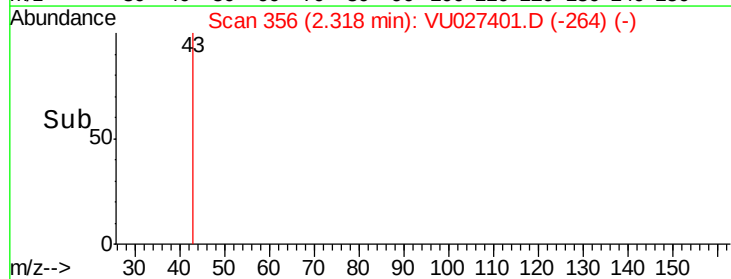
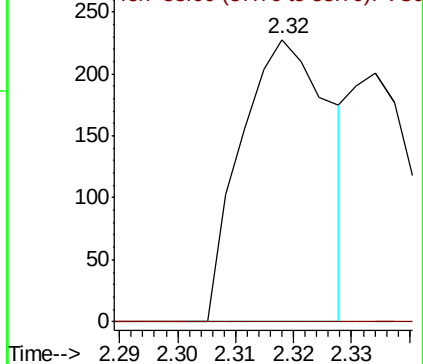


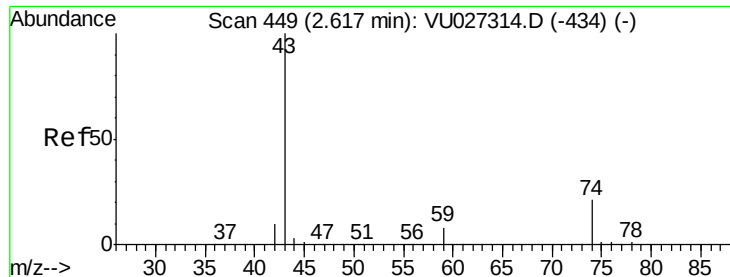
#16
Acetone
Concen: 0.233 ug/l
RT: 2.32 min Scan# 356
Delta R.T. -0.00 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)
Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

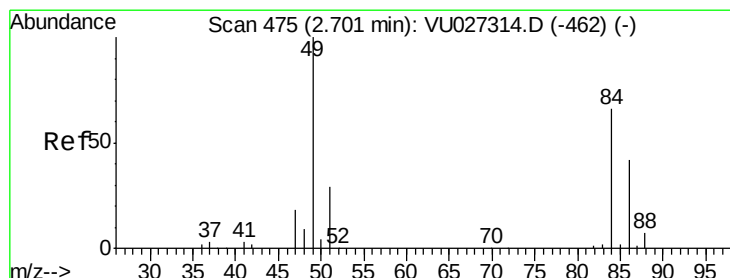
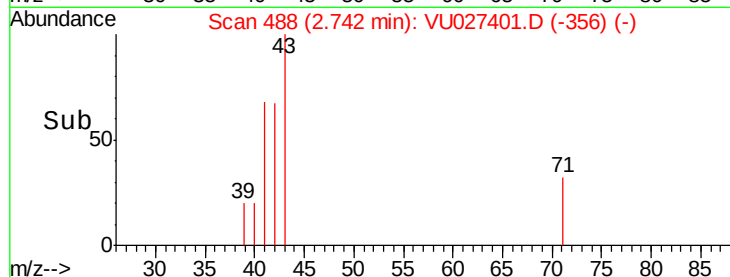
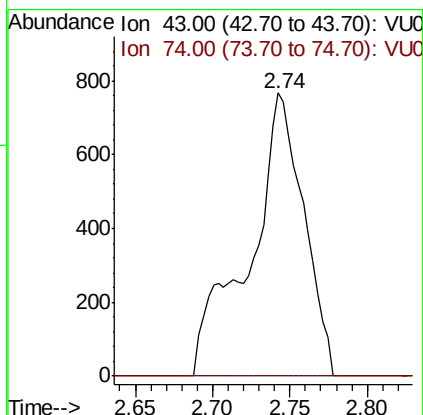
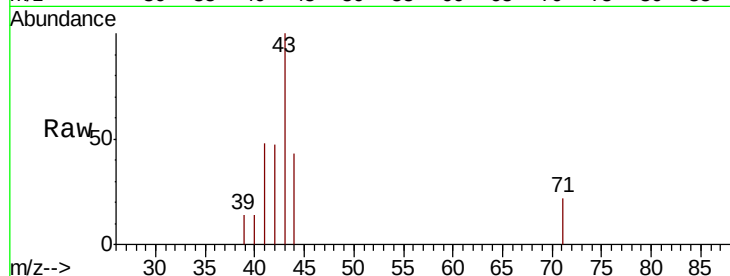




#18
Methyl Acetate
Concen: 0.792 ug/l
RT: 2.74 min Scan# 488
Delta R.T. 0.13 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

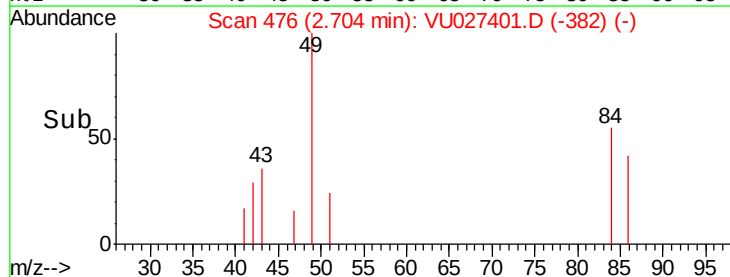
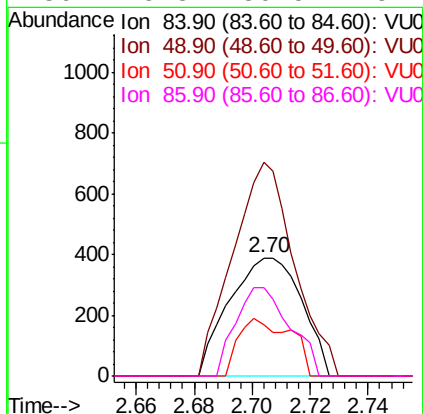
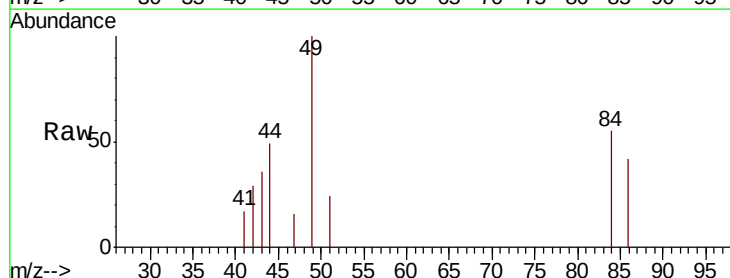
Instrument :
MSVOA_U
ClientSampleId :
B-5(12-12.5)

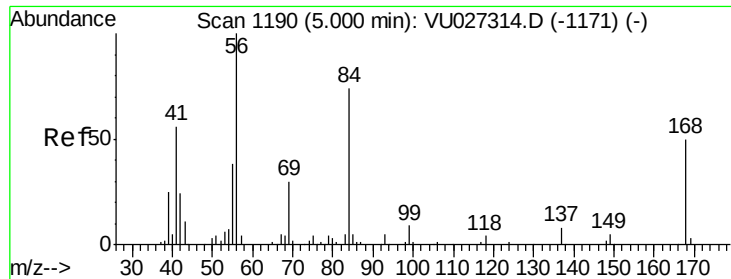
Tgt Ion: 43 Resp: 1876
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.466 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Tgt Ion: 84 Resp: 674
Ion Ratio Lower Upper
84 100
49 180.7 120.5 180.7
51 43.7 35.1 52.7
86 75.3 50.5 75.7

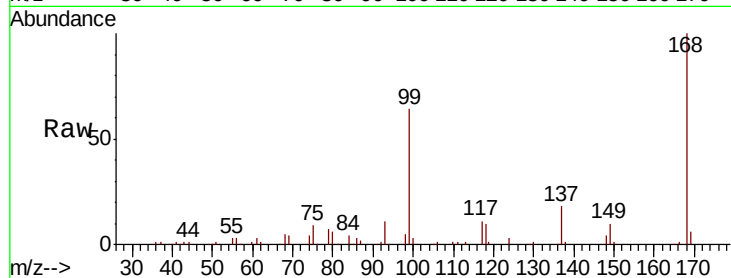




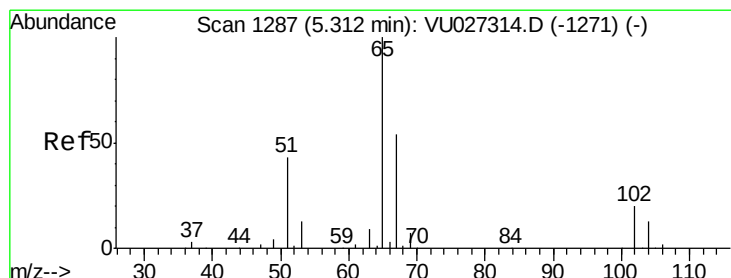
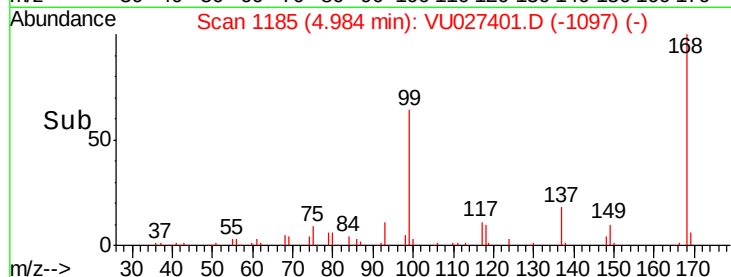
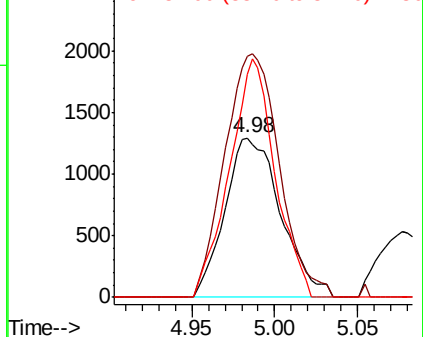
#31
Cyclohexane
Concen: 0.845 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Instrument :
MSVOA_U
ClientSampleId :
B-5(12-12.5)

Tgt Ion: 56 Resp: 3041
Ion Ratio Lower Upper
56 100
69 150.8 24.1 36.1#
84 139.6 59.1 88.7#

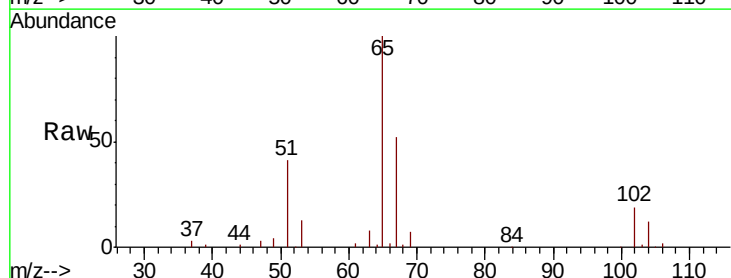


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

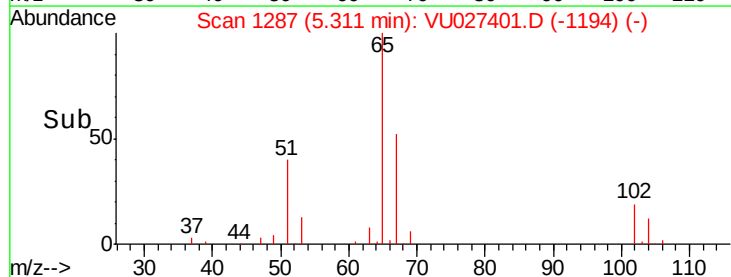
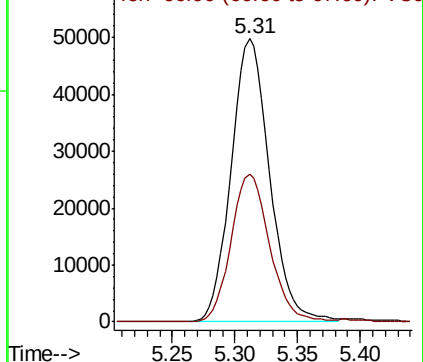


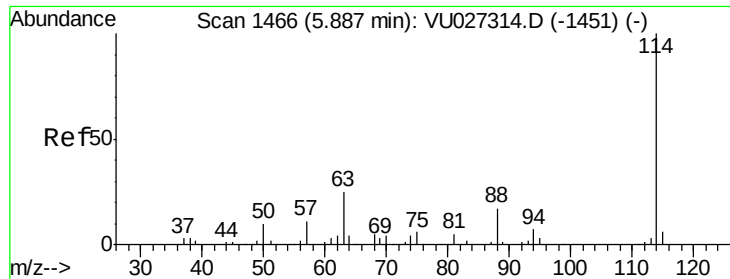
#33
1,2-Dichloroethane-d4
Concen: 60.526 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Tgt Ion: 65 Resp: 106328
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.8



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

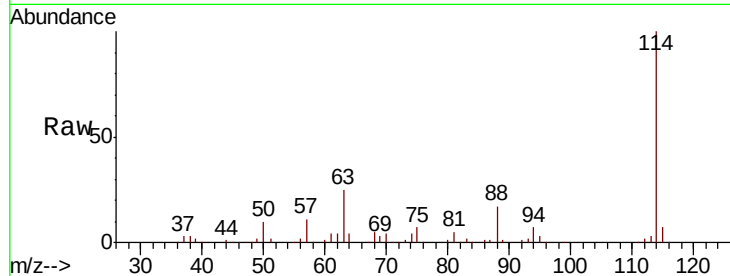




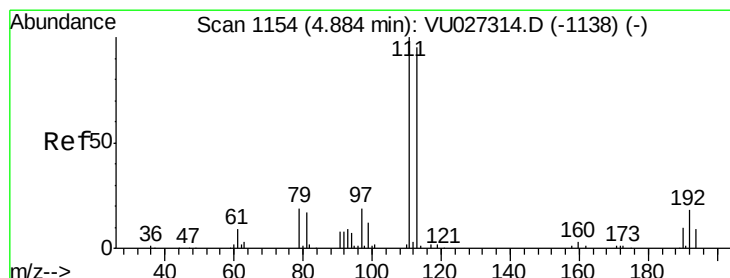
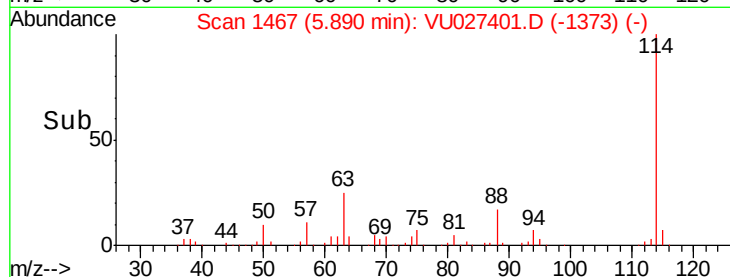
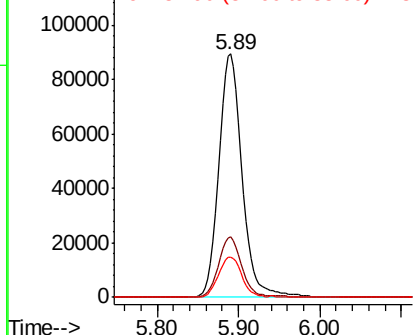
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027401.D
 Acq: 04 Oct 2018 12:23

Instrument :
 MSVOA_U
 ClientSampleId :
 B-5(12-12.5)

Tgt Ion:114 Resp: 181711
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 16.5 0.0 33.8

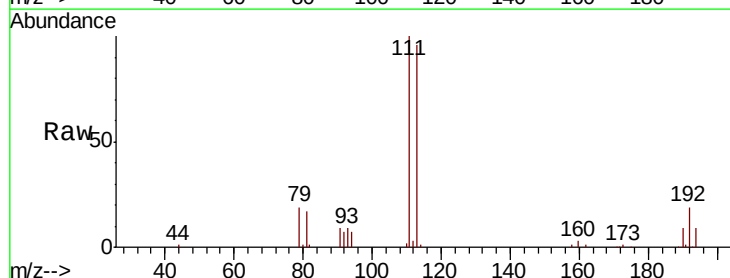


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

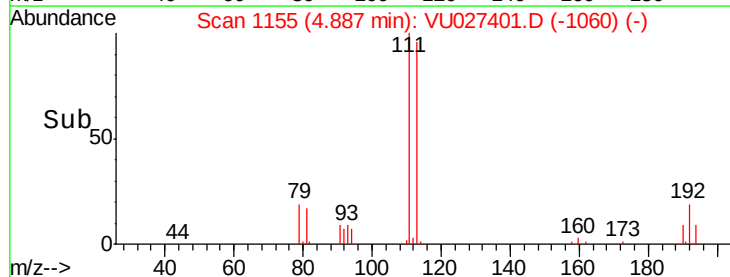
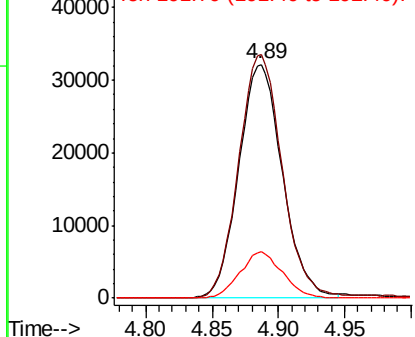


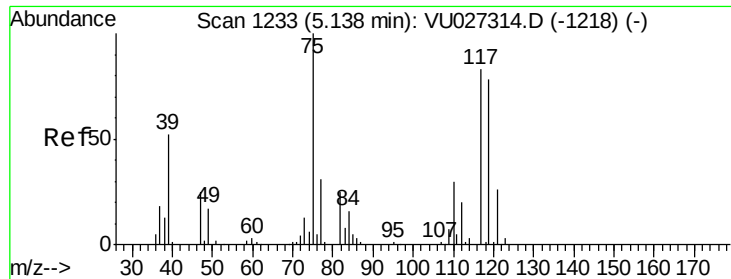
#35
 Dibromofluoromethane
 Concen: 59.151 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027401.D
 Acq: 04 Oct 2018 12:23

Tgt Ion:113 Resp: 73662
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.1 124.7
 192 19.2 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

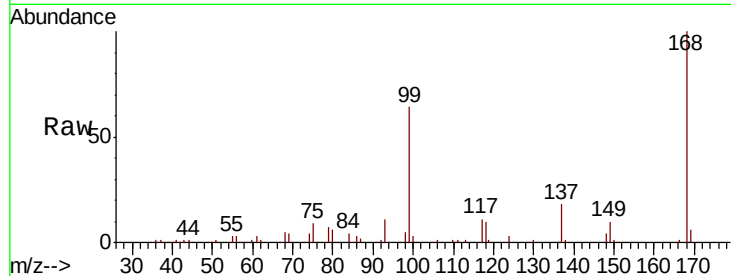




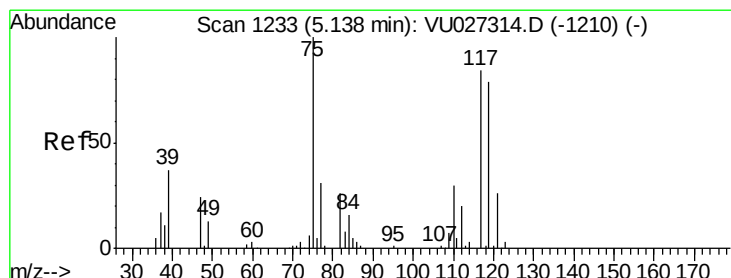
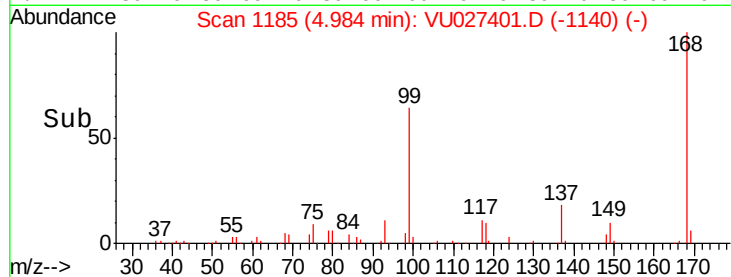
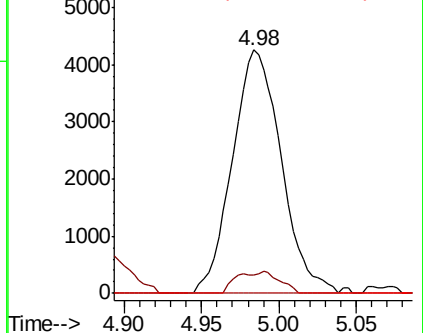
#36
 1,1-Dichloropropene
 Concen: 4.739 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027401.D
 Acq: 04 Oct 2018 12:23

Instrument :
 MSVOA_U
 ClientSampleId :
 B-5(12-12.5)

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	15.5	46.5#
77	0.0	25.4	38.0#

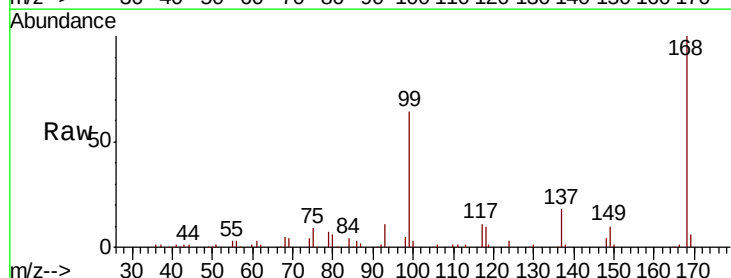


Abundance Ion 74.90 (74.60 to 75.60): VU027401.D (-1140) (-)

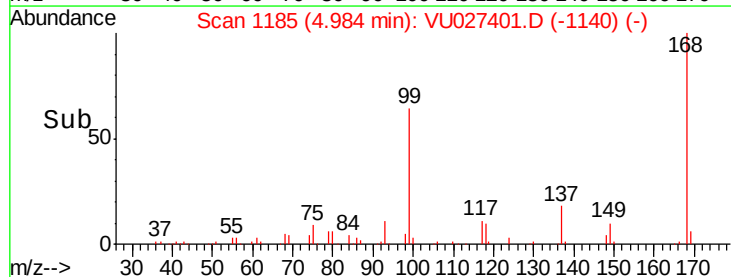
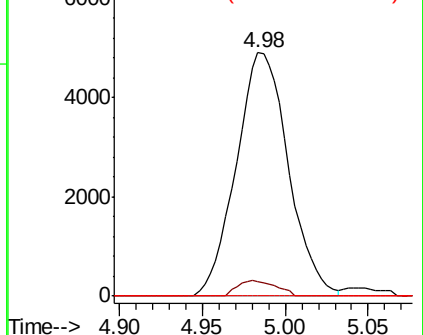


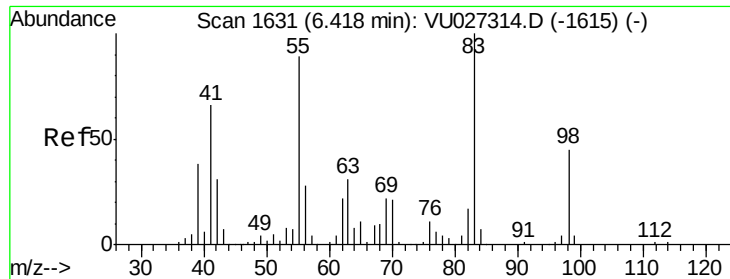
#38
 Carbon Tetrachloride
 Concen: 6.028 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027401.D
 Acq: 04 Oct 2018 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	74.5	111.7#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VU027401.D (-1140) (-)





#39

Methylcyclohexane

Concen: 0.240 ug/l

RT: 6.41 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VU027401.D

Acq: 04 Oct 2018 12:23

Instrument :

MSVOA_U

ClientSampleId :

B-5(12-12.5)

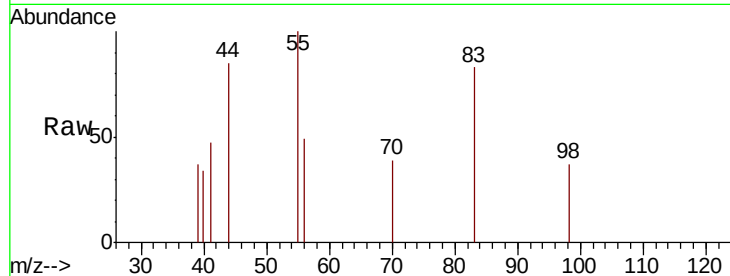
Tgt Ion: 83 Resp: 554

Ion Ratio Lower Upper

83 100

55 120.1 71.1 106.7#

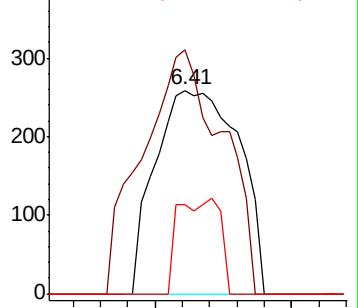
98 44.0 36.3 54.5



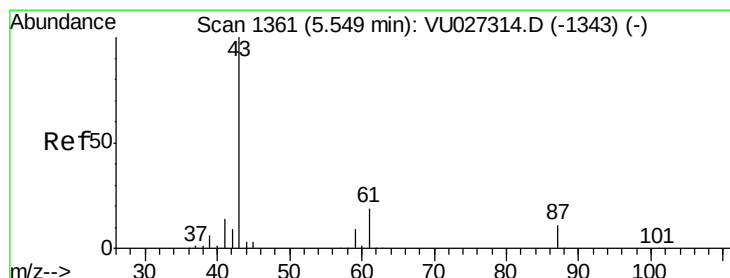
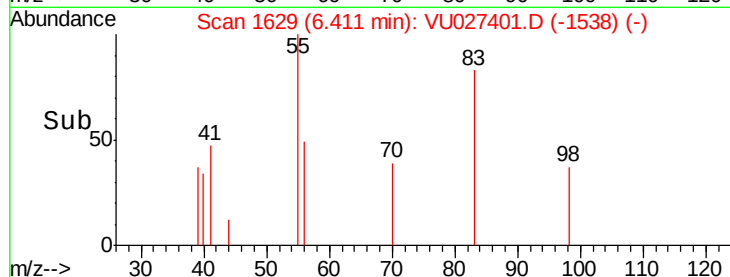
Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



Time-->



#43

Isopropyl Acetate

Concen: 0.403 ug/l

RT: 5.54 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VU027401.D

Acq: 04 Oct 2018 12:23

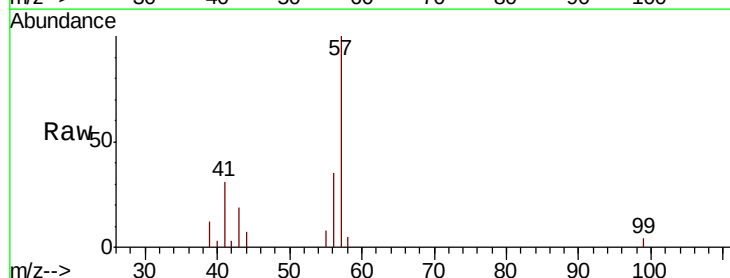
Tgt Ion: 43 Resp: 1594

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

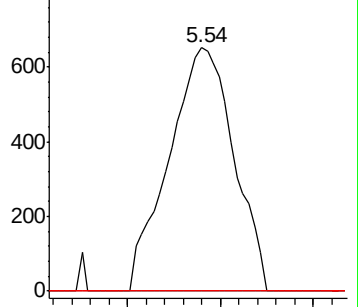
87 0.0 8.6 13.0#



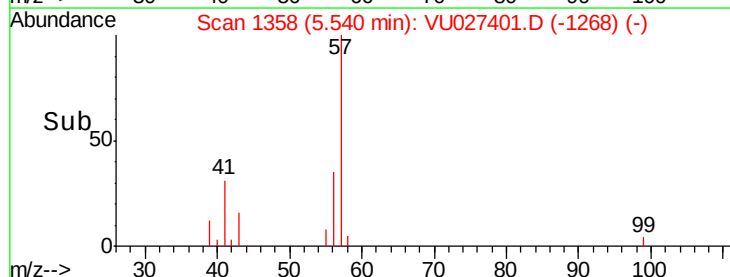
Abundance Ion 43.00 (42.70 to 43.70): VU0

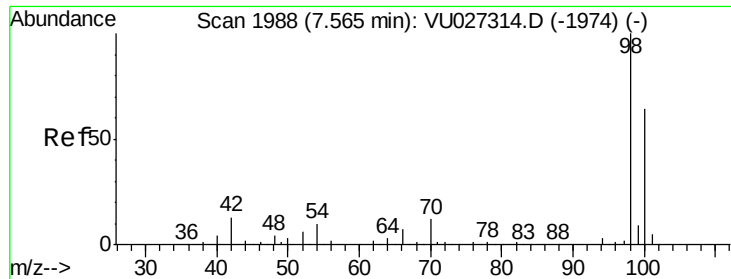
Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



Time-->

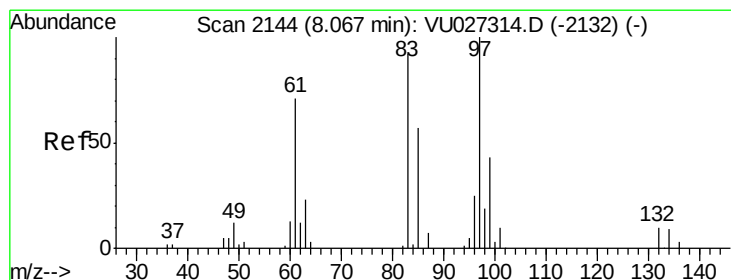
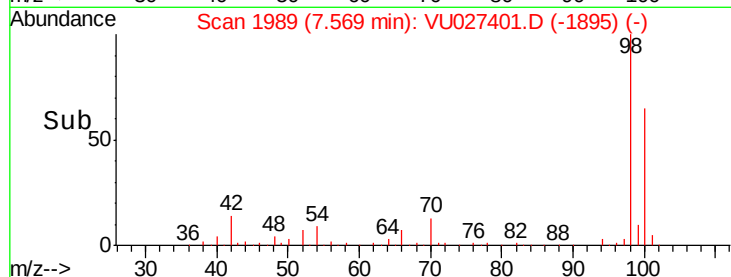
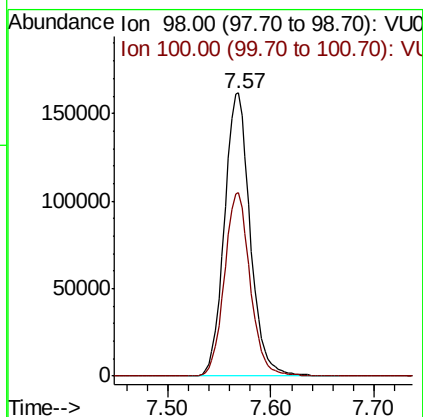
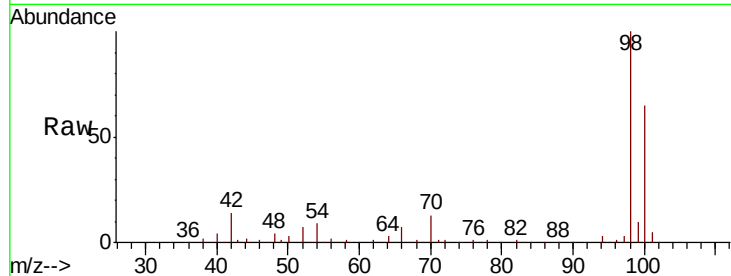




#50
Toluene-d8
Concen: 60.403 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

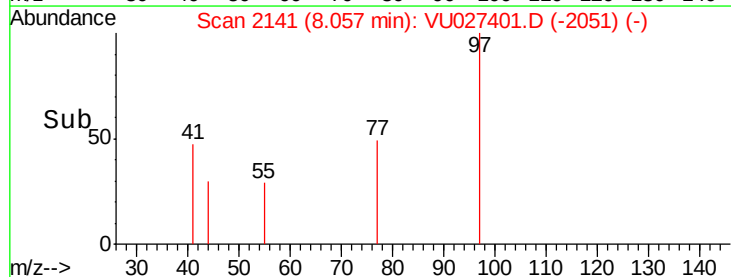
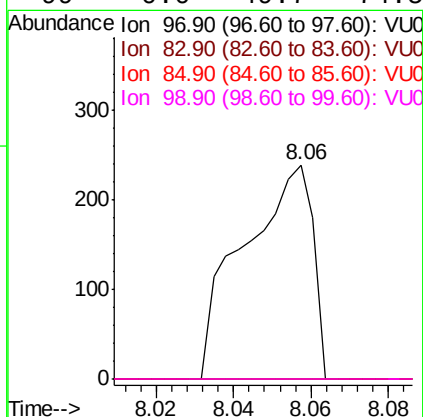
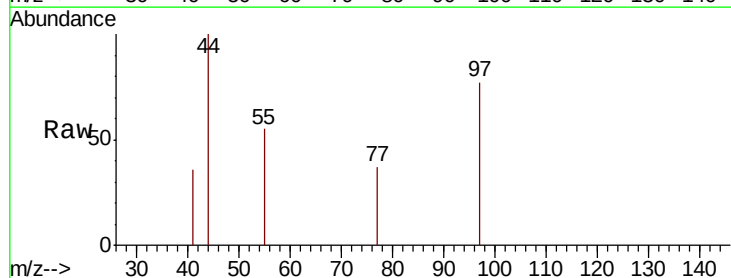
Instrument :
MSVOA_U
ClientSampleId :
B-5(12-12.5)

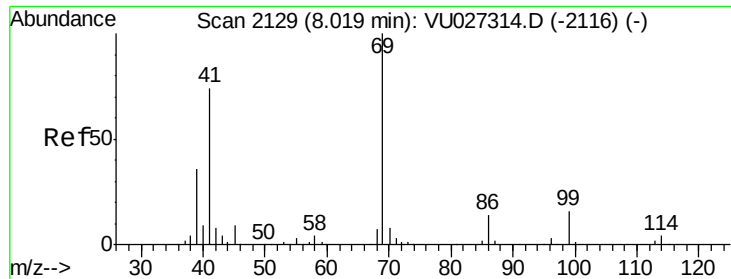
Tgt Ion: 98 Resp: 281529
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#55
1,1,2-Trichloroethane
Concen: 0.221 ug/l
RT: 8.06 min Scan# 2141
Delta R.T. -0.01 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Tgt Ion: 97 Resp: 298
Ion Ratio Lower Upper
97 100
83 0.0 73.0 109.6#
85 0.0 47.3 70.9#
99 0.0 49.7 74.5#

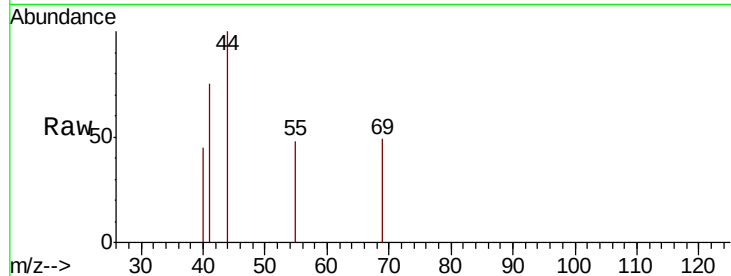




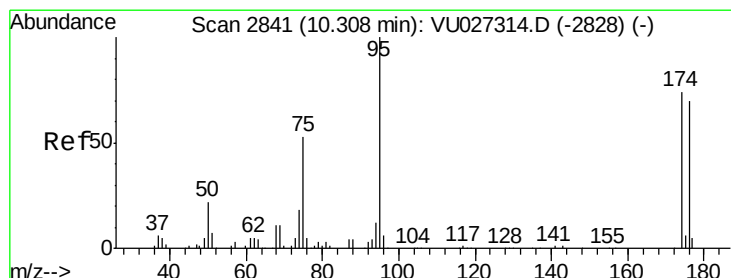
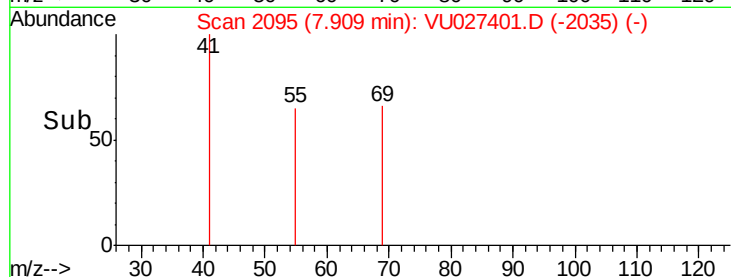
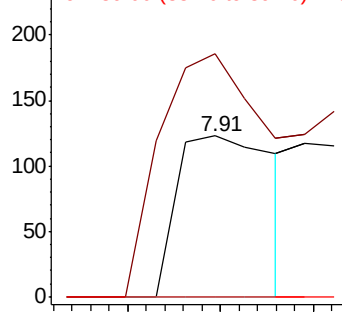
#56
Ethyl methacrylate
Concen: 2.304 ug/l
RT: 7.91 min Scan# 2095
Delta R.T. -0.11 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Instrument :
MSVOA_U
ClientSampleId :
B-5(12-12.5)

Tgt Ion: 69 Resp: 89
Ion Ratio Lower Upper
69 100
41 162.9 60.0 90.0#
39 0.0 29.5 44.3#

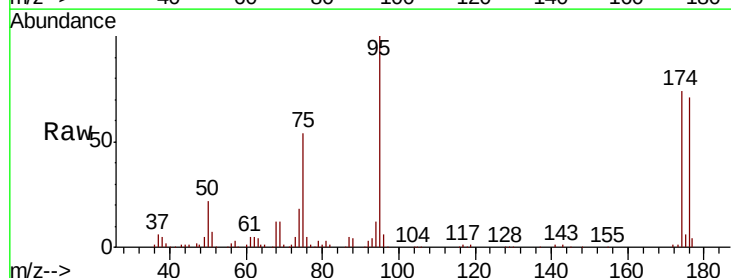


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

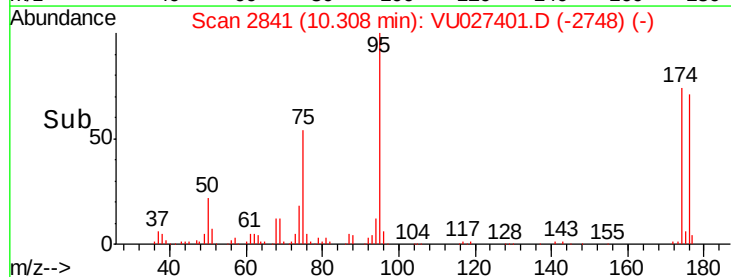
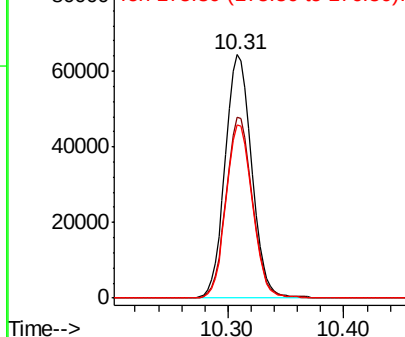


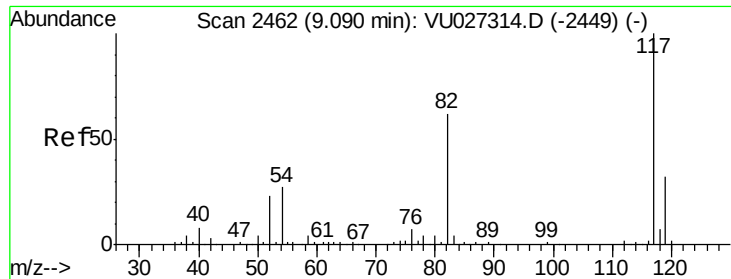
#62
4-Bromofluorobenzene
Concen: 58.939 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Tgt Ion: 95 Resp: 102092
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.8
176 70.6 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

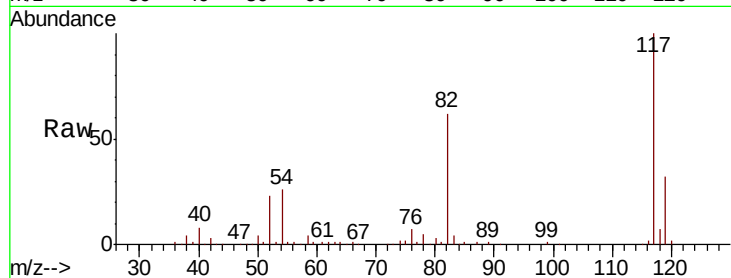




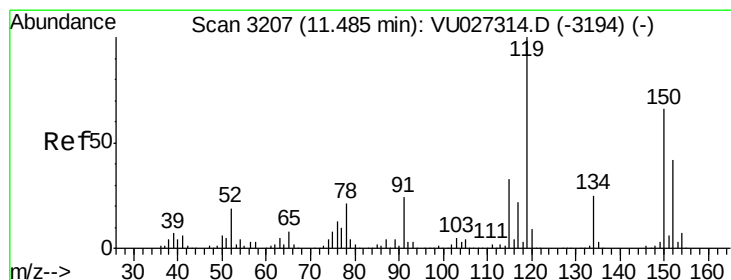
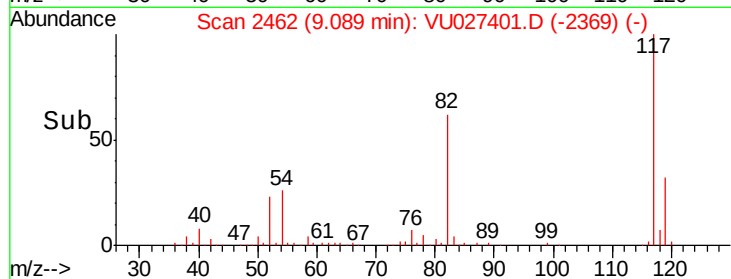
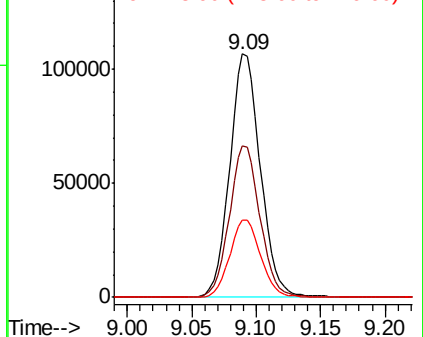
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Instrument :
MSVOA_U
ClientSampleId :
B-5(12-12.5)

Tgt Ion:117 Resp: 175618
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 31.6 25.7 38.5

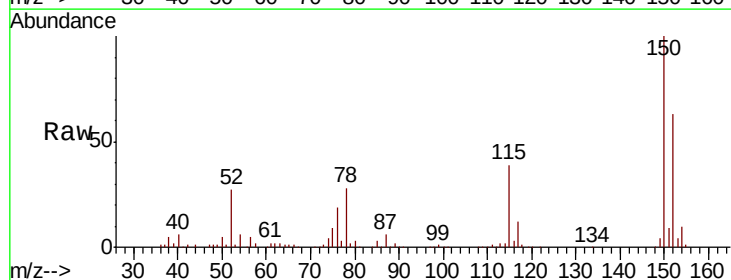


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

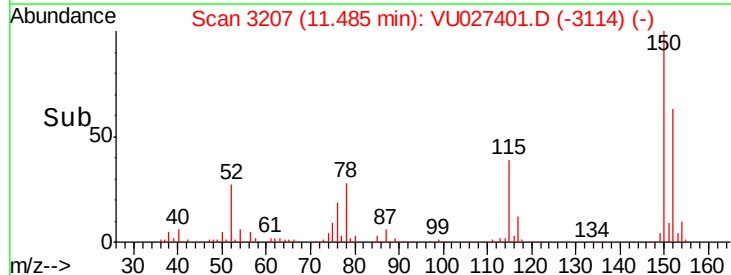
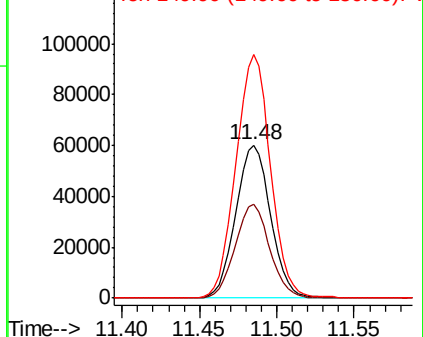


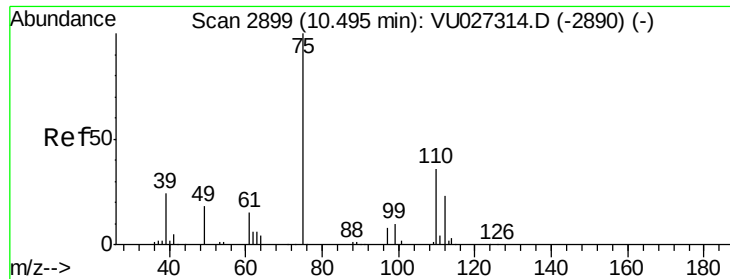
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027401.D
Acq: 04 Oct 2018 12:23

Tgt Ion:152 Resp: 93966
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.2
150 158.4 0.0 349.2



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

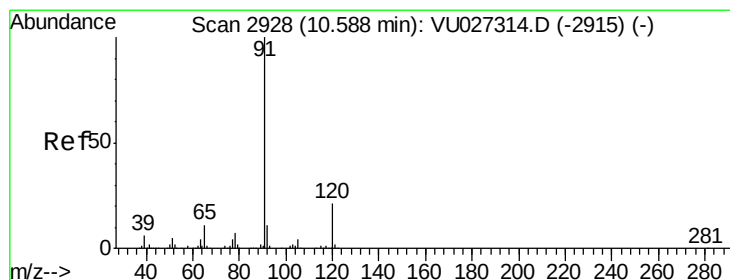
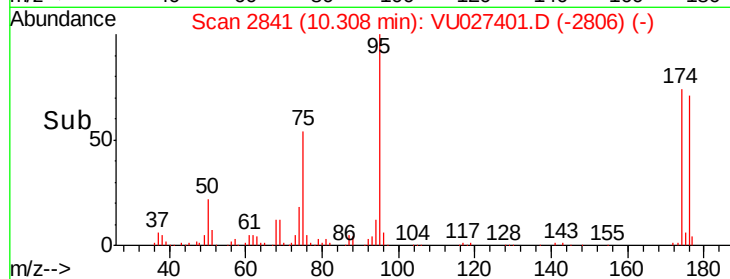
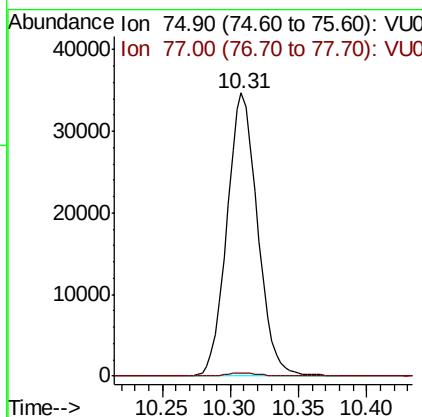
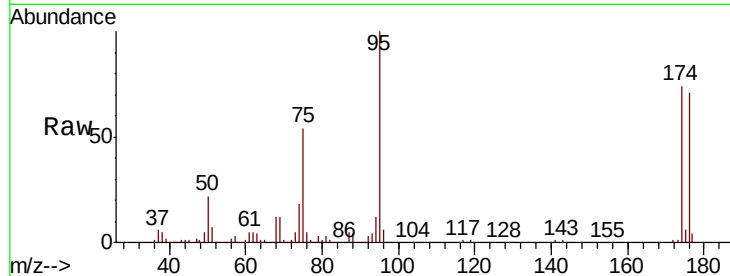




#76
 1,2,3-Trichloropropane
 Concen: 22.171 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027401.D
 Acq: 04 Oct 2018 12:23

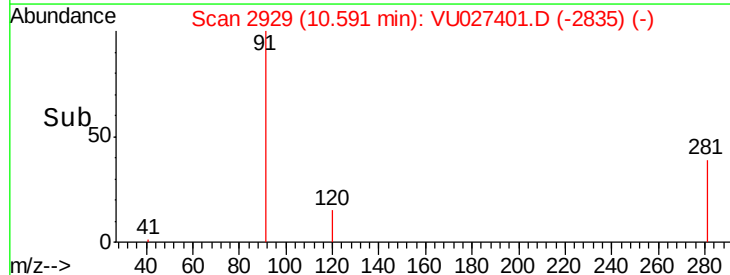
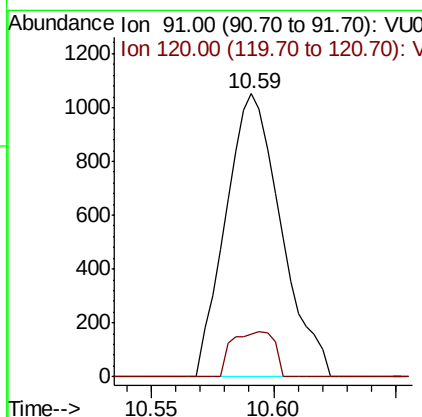
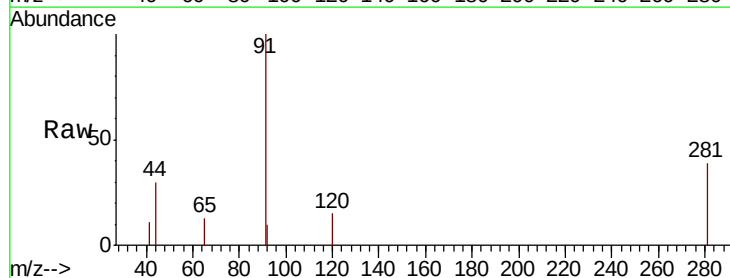
Instrument :
 MSVOA_U
 ClientSampleId :
 B-5(12-12.5)

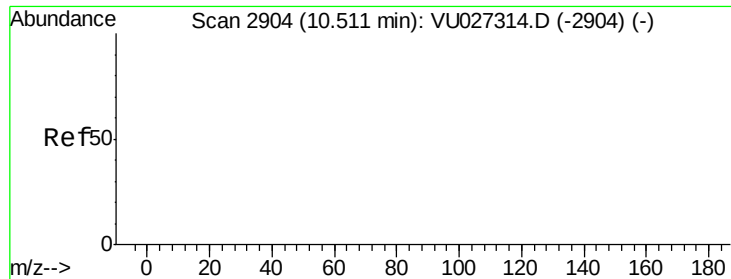
Tgt Ion: 75 Resp: 54004
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.3 60.9#



#78
 n-propylbenzene
 Concen: 0.201 ug/l
 RT: 10.59 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VU027401.D
 Acq: 04 Oct 2018 12:23

Tgt Ion: 91 Resp: 1650
 Ion Ratio Lower Upper
 91 100
 120 12.1 10.6 31.8

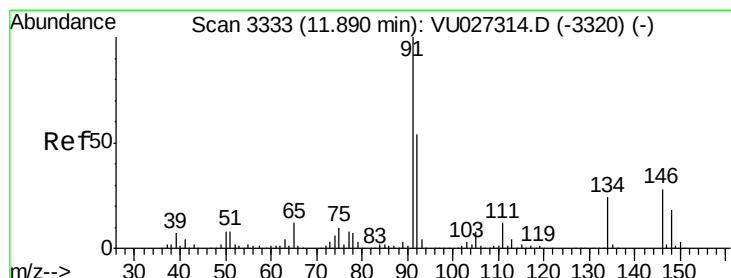
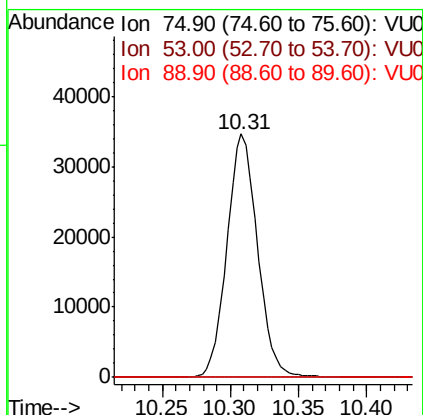
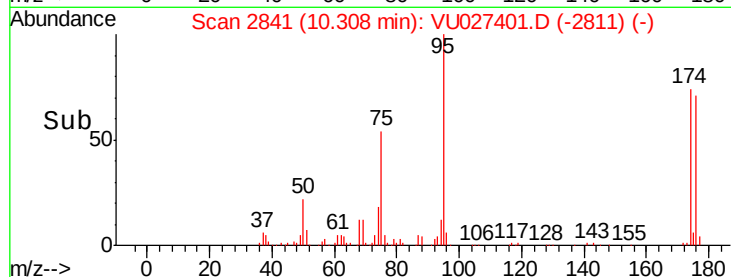
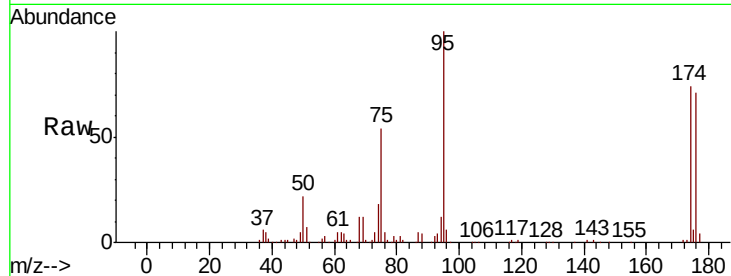




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.023 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU027401.D
 Acq: 04 Oct 2018 12:23

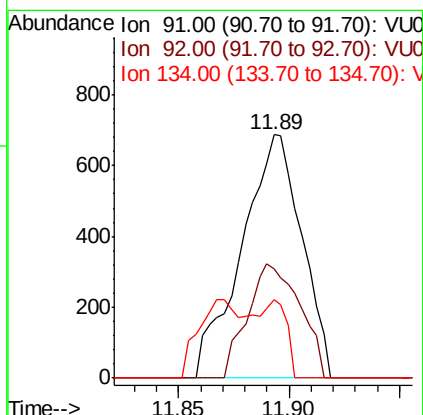
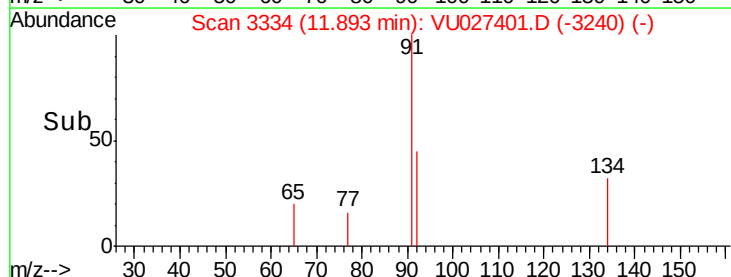
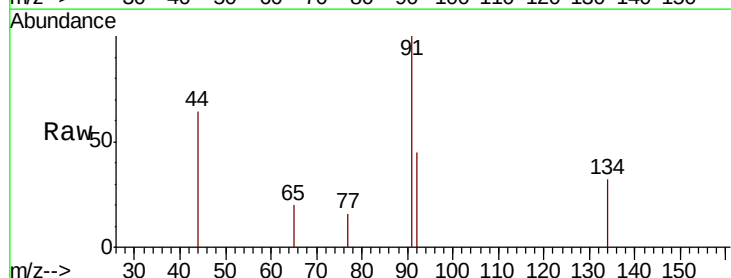
Instrument :
 MSVOA_U
 ClientSampleId :
 B-5(12-12.5)

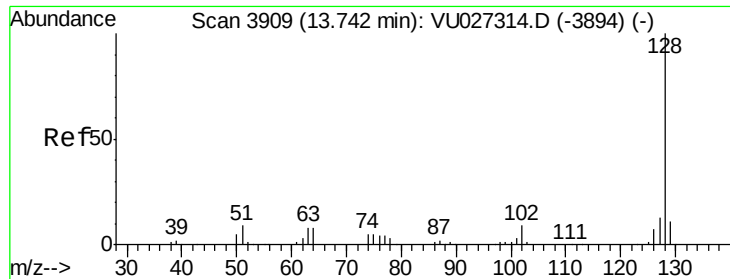
Tgt Ion: 75 Resp: 54004
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0



#89
 n-Butylbenzene
 Concen: 2.152 ug/l
 RT: 11.89 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: VU027401.D
 Acq: 04 Oct 2018 12:23

Tgt Ion: 91 Resp: 1298
 Ion Ratio Lower Upper
 91 100
 92 41.1 27.0 81.0
 134 0.0 11.7 35.1#





#95

Naphthalene

Concen: 1.745 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027401.D

Acq: 04 Oct 2018 12:23

Instrument :

MSVOA_U

ClientSampleId :

B-5(12-12.5)

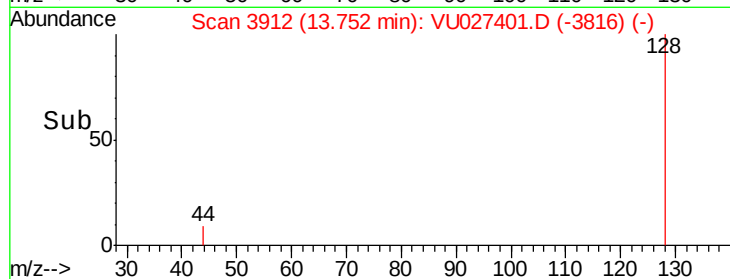
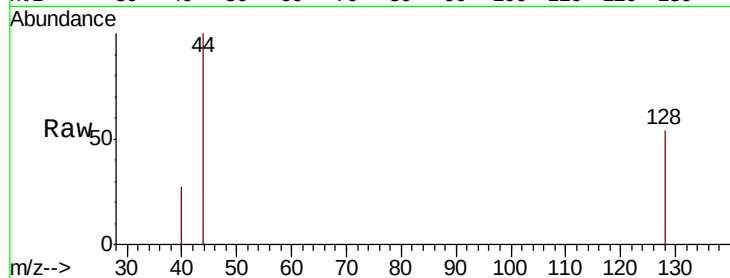
Tgt Ion:128 Resp: 624

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

