

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027399.D
 Acq On : 04 Oct 2018 11:36
 Operator : MD/SY
 Sample : J5084-12 50X
 Misc : 6.42g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-6(8-8.5)

Quant Time: Oct 05 03:12:54 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	119909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	203642	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	193893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	107809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	113716	56.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.58%	
35) Dibromofluoromethane	4.88	113	79928	57.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.54%	
50) Toluene-d8	7.57	98	318498	60.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.96%	
62) 4-Bromofluorobenzene	10.31	95	116175	59.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.70%	

Target Compounds						Qvalue
6) Chloroethane	1.57	64	1159	0.877	ug/l #	44
11) Tert butyl alcohol	2.84	59	195	0.462	ug/l #	72
13) Acrolein	2.19	56	165	0.466	ug/l #	1
14) Allyl chloride	2.75	41	46760	15.547	ug/l #	61
15) Acrylonitrile	3.00	53	2482	2.262	ug/l #	32
16) Acetone	2.31	43	3235	2.735	ug/l #	57
18) Methyl Acetate	2.75	43	120477	44.647	ug/l #	56
20) Methylene Chloride	2.71	84	1317	0.799	ug/l #	43
23) Vinyl Acetate	3.31	43	33017	6.184	ug/l #	57
25) 2-Butanone	4.10	43	6691	4.148	ug/l #	54
30) Chloroform	4.73	83	2744	0.983	ug/l #	82
31) Cyclohexane	4.99	56	53194	16.405	ug/l #	68
36) 1,1-Dichloropropene	4.99	75	11100	5.020	ug/l #	51
38) Carbon Tetrachloride	4.99	117	11828	5.922	ug/l #	16
39) Methylcyclohexane	6.42	83	58561	22.657	ug/l	95
41) Methacrylonitrile	4.60	41	1108	0.686	ug/l #	27
43) Isopropyl Acetate	5.54	43	125226	28.216	ug/l #	63
45) 1,2-Dichloropropane	6.42	63	715	0.385	ug/l #	1
47) Bromodichloromethane	6.72	83	553	0.254	ug/l #	1
48) Methyl methacrylate	6.64	41	12030	5.451	ug/l #	61
51) 4-Methyl-2-Pentanone	7.52	43	14629	5.072	ug/l #	66
52) Toluene	7.64	92	109256	28.660	ug/l	99
53) t-1,3-Dichloropropene	7.64	75	1246	0.488	ug/l #	1
55) 1,1,2-Trichloroethane	8.05	97	14236	9.419	ug/l #	18
56) Ethyl methacrylate	8.05	69	5224	3.994	ug/l #	22
58) 2-Chloroethyl Vinyl ether	7.12	63	361	8.450	ug/l #	52
59) 2-Hexanone	8.33	43	12848	5.743	ug/l #	30
67) Ethyl Benzene	9.25	91	225219	31.147	ug/l	99
68) m/p-Xylenes	9.38	106	432620	163.564	ug/l	100
69) o-Xylene	9.78	106	135278	53.821	ug/l	99
70) Styrene	9.78	104	9723	4.273	ug/l #	1
73) Isopropylbenzene	10.17	105	51392	6.563	ug/l	99
74) N-amyl acetate	10.01	43	910	0.203	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	10.46	83	1060	0.345	ug/l #	60

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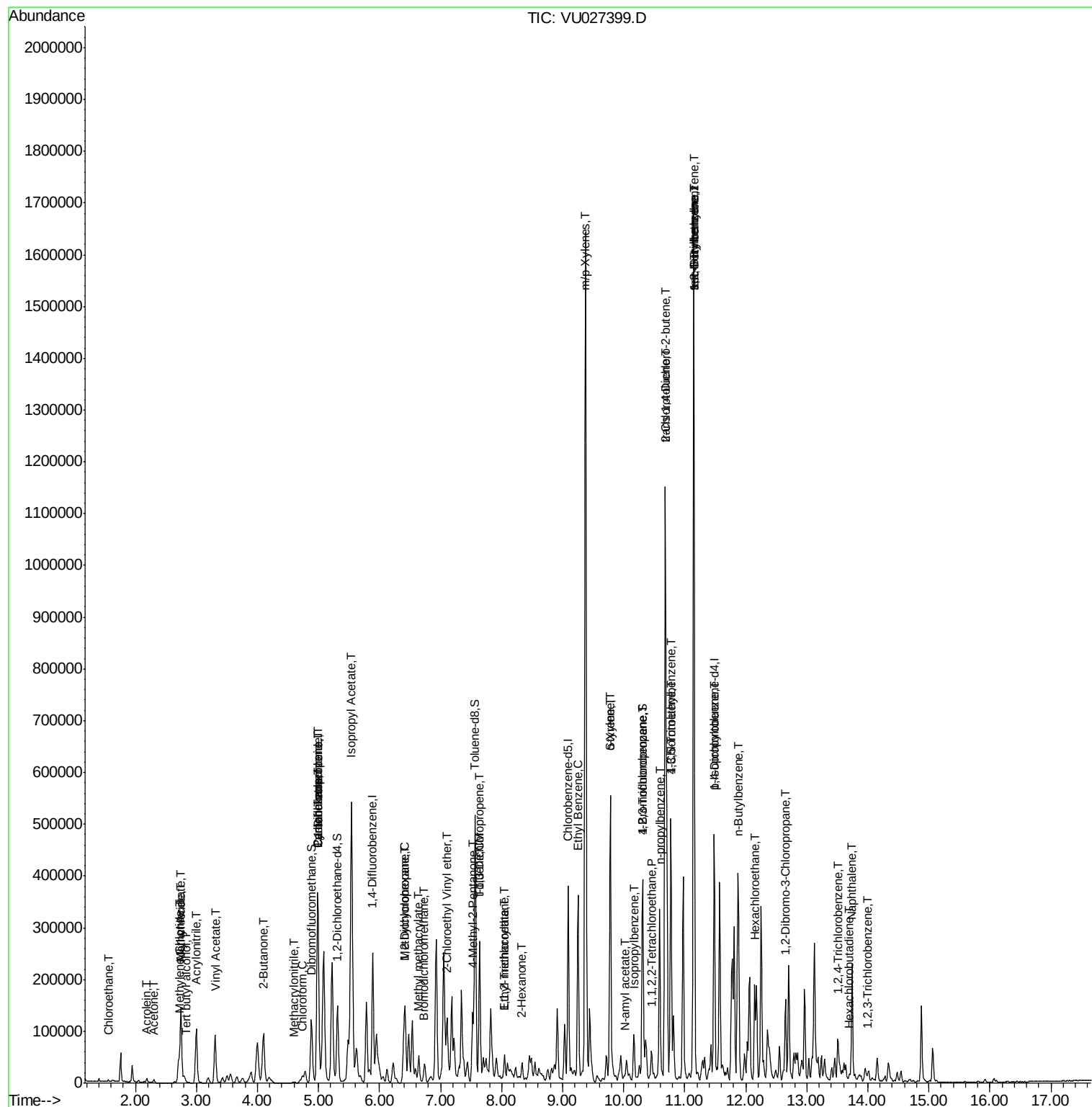
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	10.31	75	61281	21.928	ug/l #	35
78) n-propylbenzene	10.59	91	241207	25.636	ug/l	100
79) 2-Chlorotoluene	10.68	91	115896	20.401	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	249670	39.165	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.68	75	8417	7.882	ug/l #	100
82) 4-Chlorotoluene	10.77	91	28186	4.372	ug/l #	48
83) tert-Butylbenzene	11.15	119	103845	16.850	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.15	105	877401	134.740	ug/l	100
85) sec-Butylbenzene	11.15	105	877401	112.996	ug/l #	58
86) p-Isopropyltoluene	11.48	119	11505	1.731	ug/l	93
89) n-Butylbenzene	11.89	91	88961	14.067	ug/l #	41
90) Hexachloroethane	12.14	117	9318	7.436	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.65	75	549	0.806	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.50	180	781	0.360	ug/l #	6
94) Hexachlorobutadiene	13.69	225	244	0.223	ug/l #	46
95) Naphthalene	13.74	128	162055	20.882	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	486	0.215	ug/l #	84

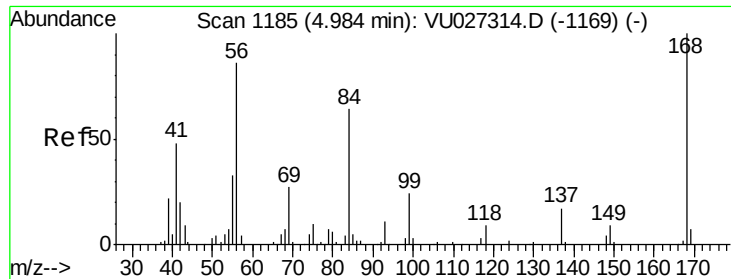
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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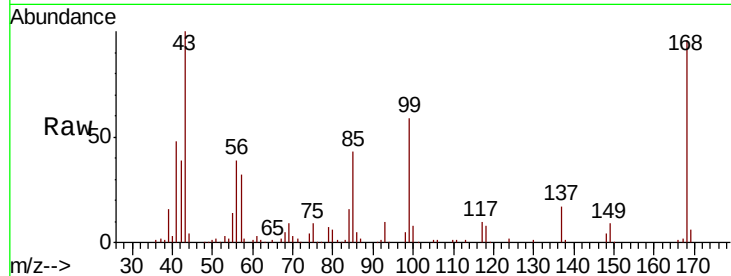




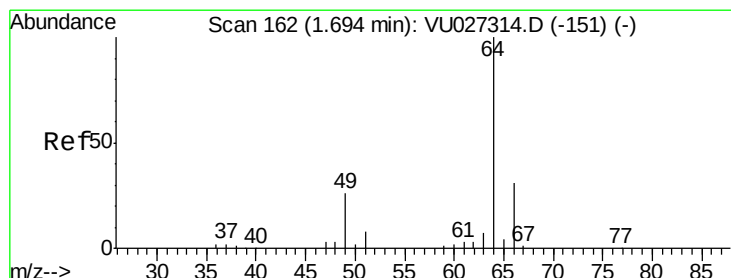
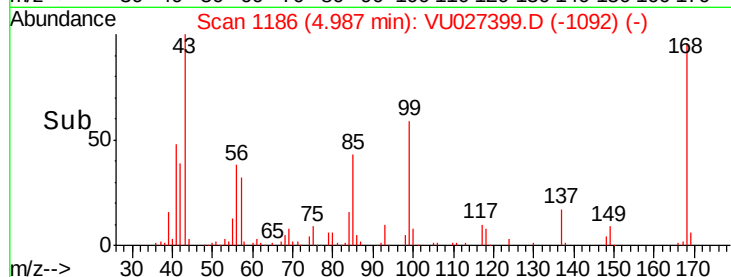
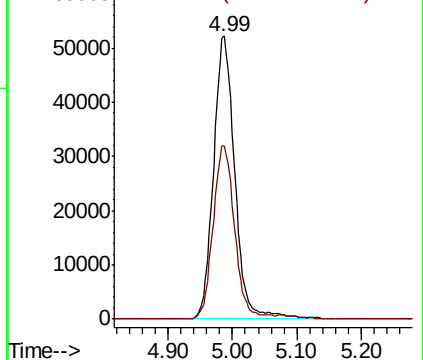
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

Tgt Ion: 168 Resp: 119909
Ion Ratio Lower Upper
168 100
99 61.3 50.8 76.2

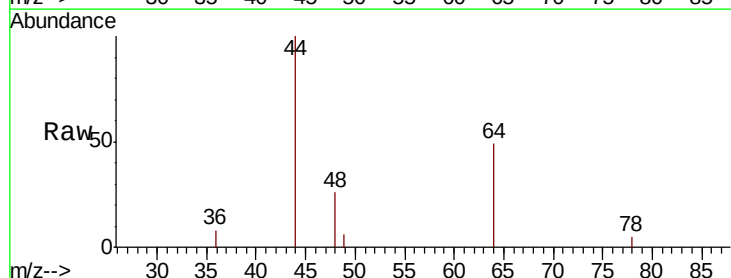


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU027399.D (-1092) (-)

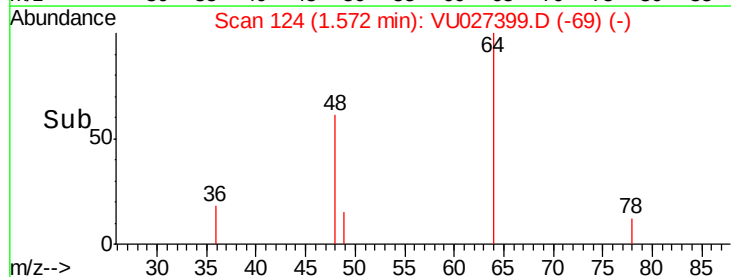
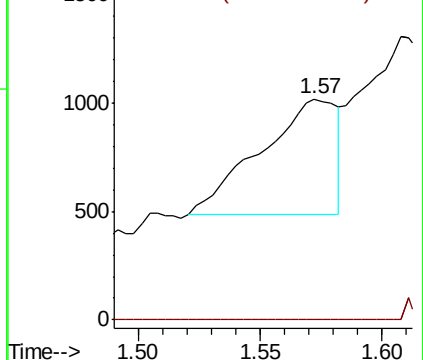


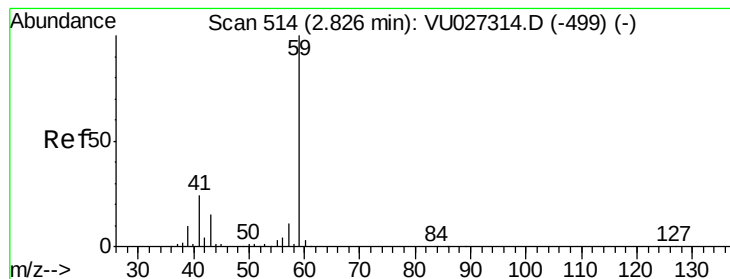
#6
Chloroethane
Concen: 0.877 ug/l
RT: 1.57 min Scan# 124
Delta R.T. -0.12 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 64 Resp: 1159
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)
Ion 65.90 (65.60 to 66.60): VU027399.D (-69) (-)



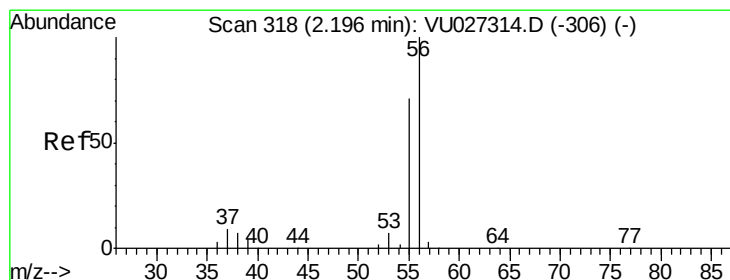
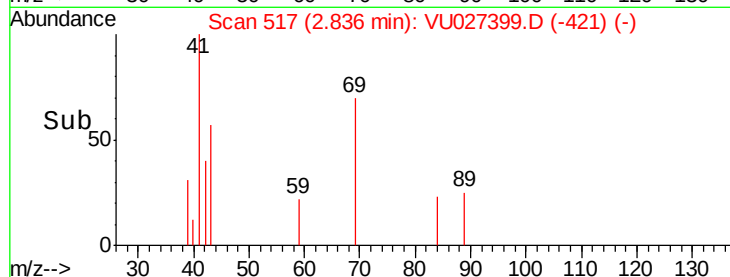
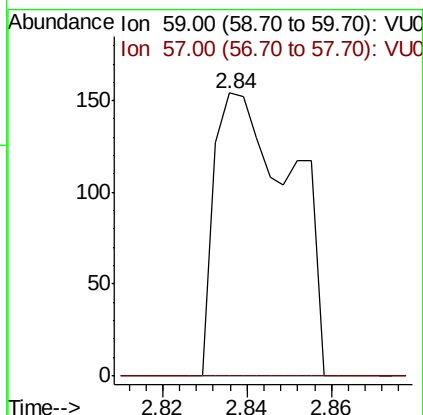
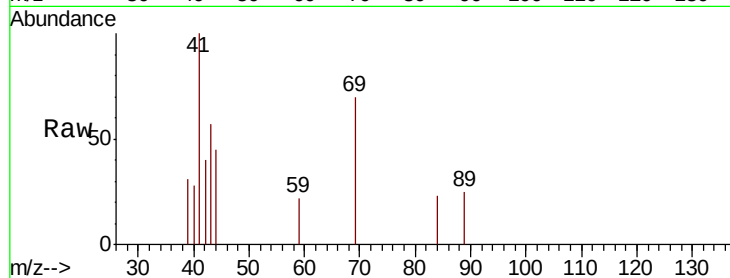


#11

Tert butyl alcohol
Concen: 0.462 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

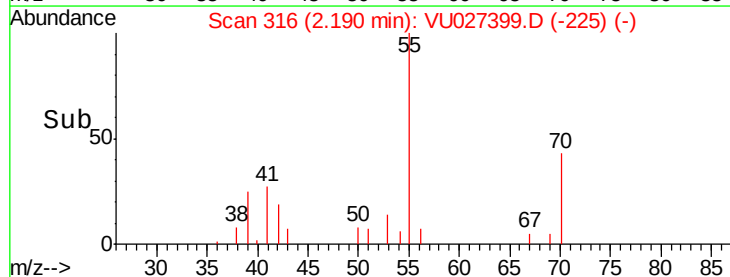
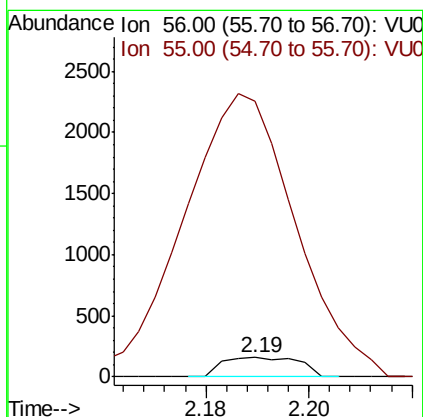
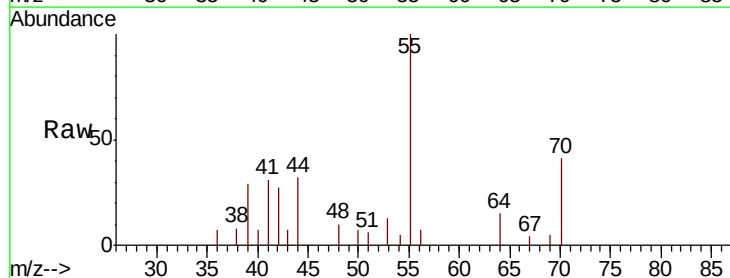
Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

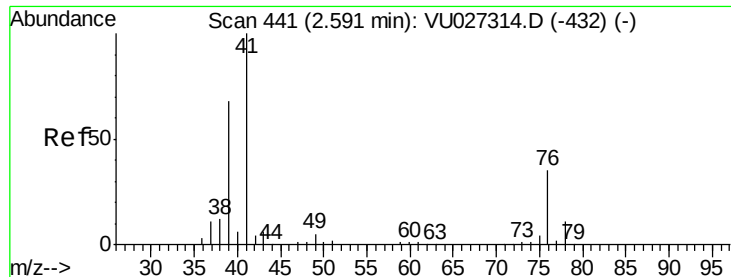


#13

Acrolein
Concen: 0.466 ug/l
RT: 2.19 min Scan# 316
Delta R.T. -0.01 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 56 Resp: 165
Ion Ratio Lower Upper
56 100
55 2100.6 57.7 86.5#





#14

Allyl chloride

Concen: 15.547 ug/l

RT: 2.75 min Scan# 489

Delta R.T. 0.15 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

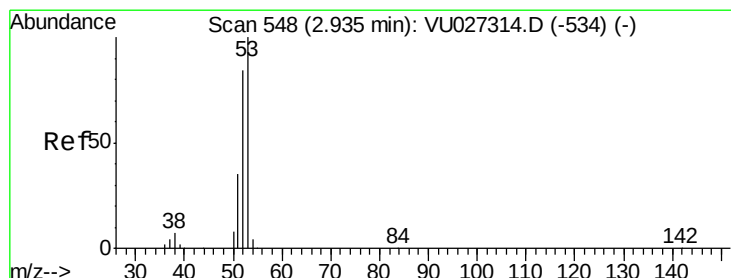
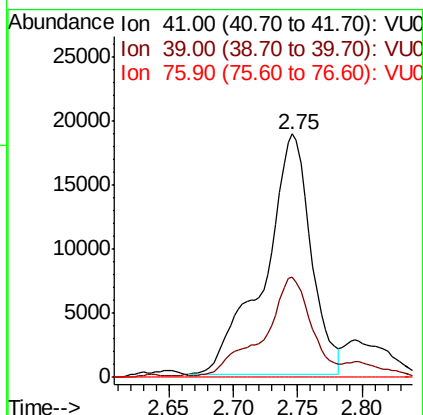
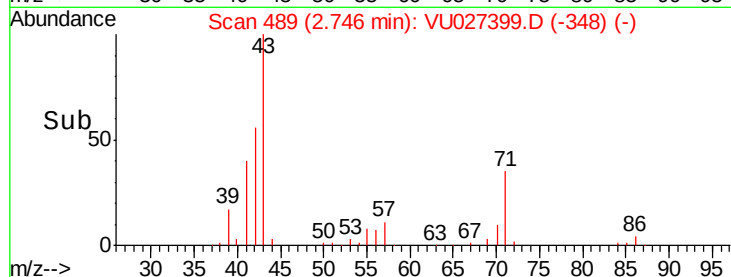
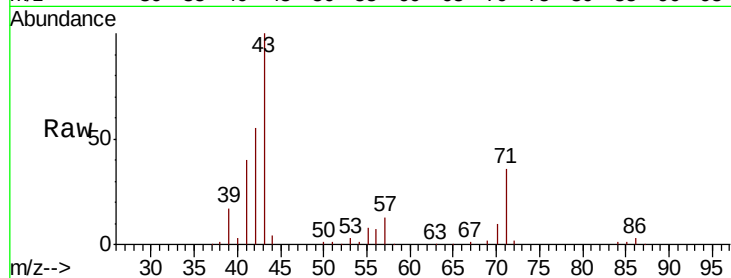
Tgt Ion: 41 Resp: 46760

Ion Ratio Lower Upper

41 100

39 41.7 51.8 77.8#

76 0.0 25.9 38.9#



#15

Acrylonitrile

Concen: 2.262 ug/l

RT: 3.00 min Scan# 567

Delta R.T. 0.06 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

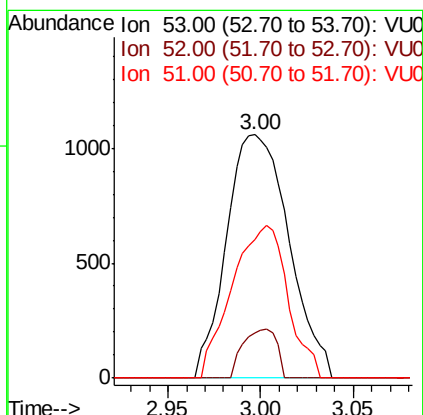
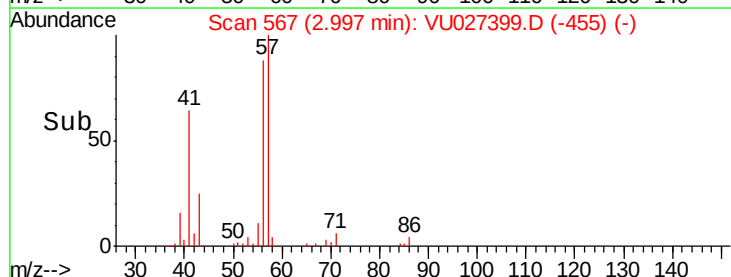
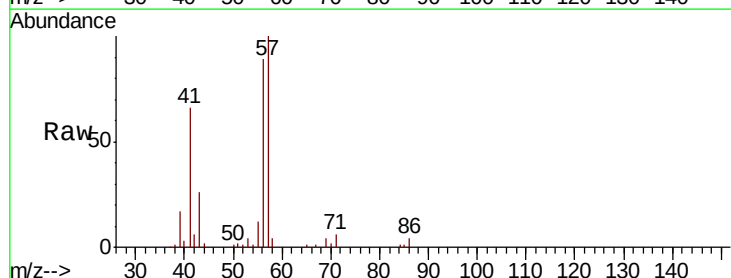
Tgt Ion: 53 Resp: 2482

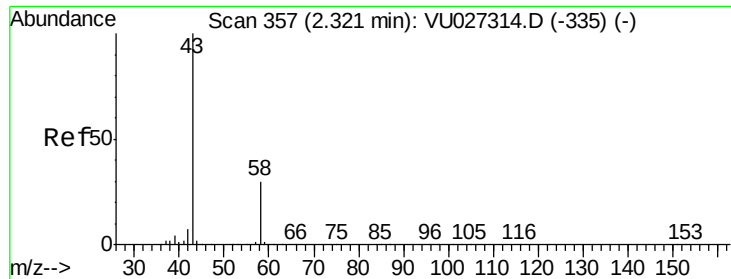
Ion Ratio Lower Upper

53 100

52 10.9 66.5 99.7#

51 56.0 27.6 41.4#





#16

Acetone

Concen: 2.735 ug/l

RT: 2.31 min Scan# 352

Delta R.T. -0.02 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

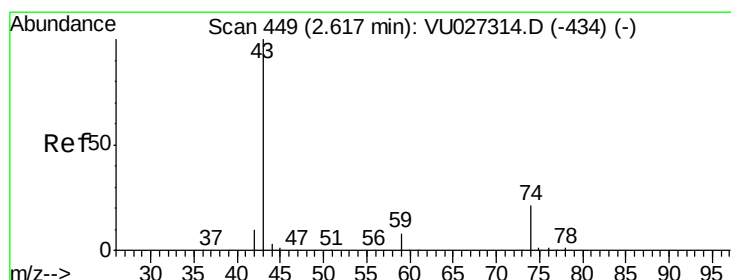
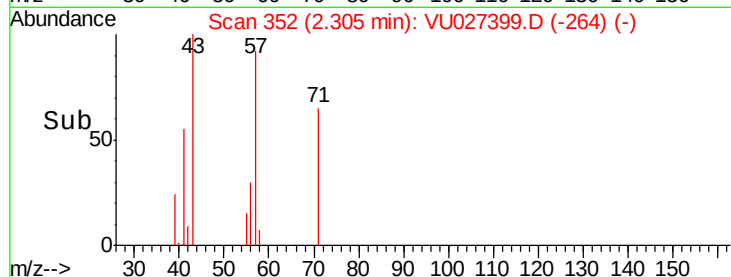
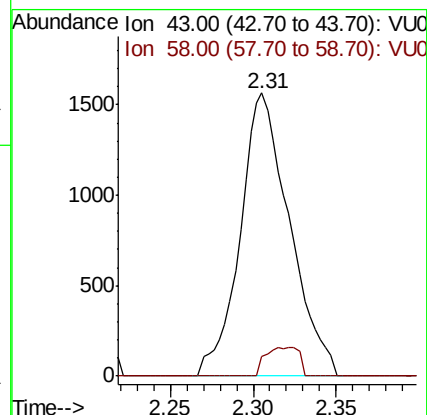
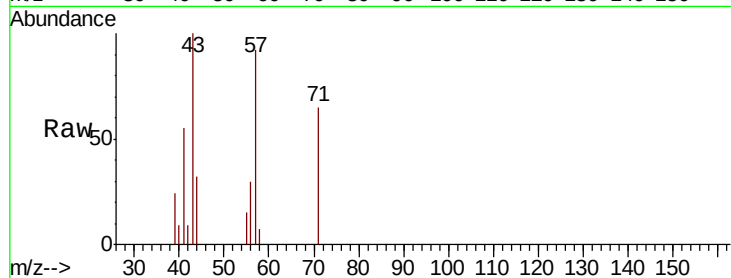
B-6(8-8.5)

Tgt Ion: 43 Resp: 3235

Ion Ratio Lower Upper

43 100

58 6.8 24.2 36.4#



#18

Methyl Acetate

Concen: 44.647 ug/l

RT: 2.75 min Scan# 489

Delta R.T. 0.13 min

Lab File: VU027399.D

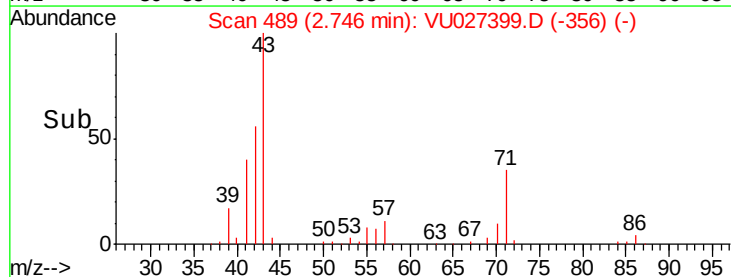
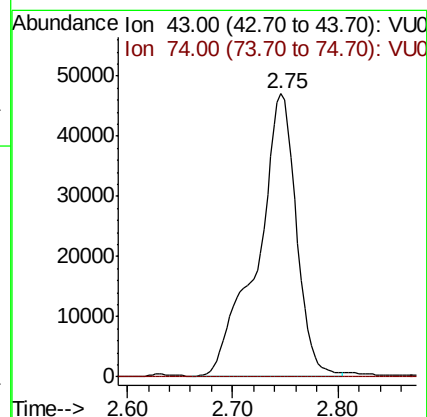
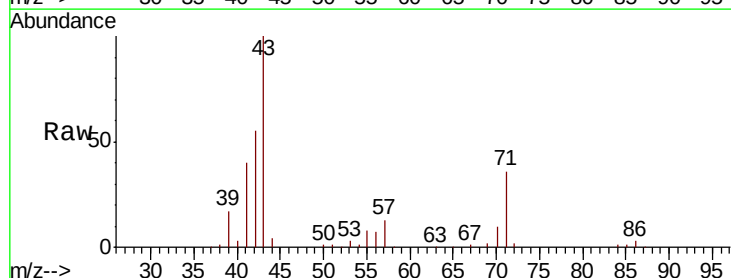
Acq: 04 Oct 2018 11:36

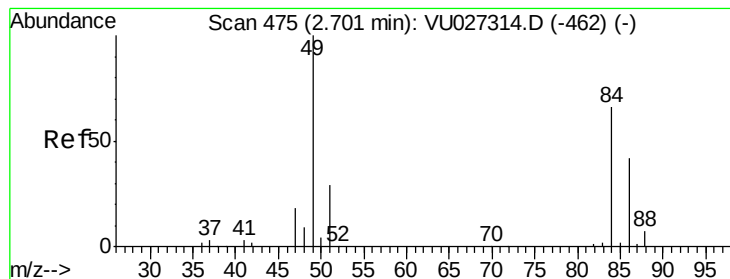
Tgt Ion: 43 Resp: 120477

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#





#20

Methylene Chloride

Concen: 0.799 ug/l

RT: 2.71 min Scan# 478

Delta R.T. 0.01 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

Tgt Ion: 84 Resp: 1317

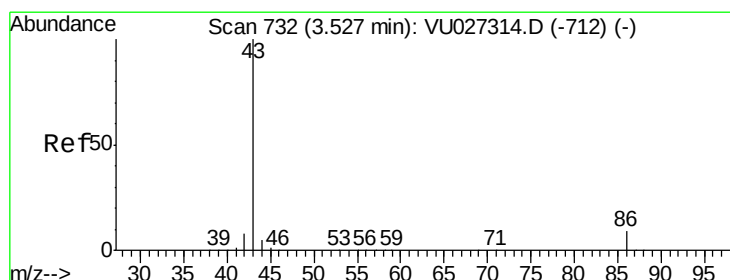
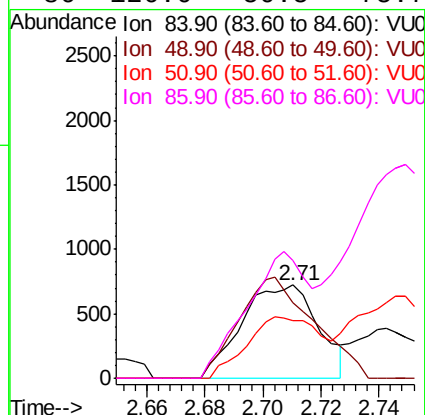
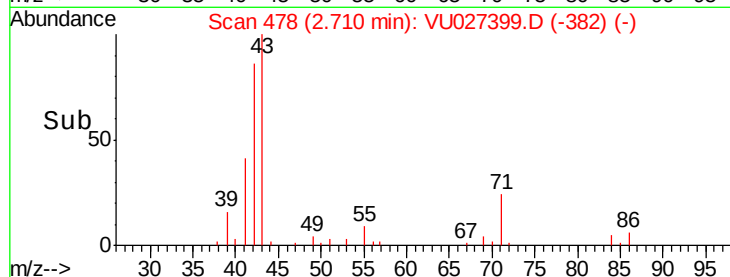
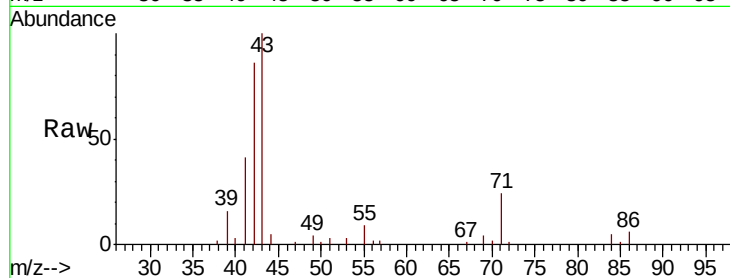
Ion Ratio Lower Upper

84 100

49 80.5 120.5 180.7#

51 61.5 35.1 52.7#

86 126.0 50.5 75.7#



#23

Vinyl Acetate

Concen: 6.184 ug/l

RT: 3.31 min Scan# 663

Delta R.T. -0.22 min

Lab File: VU027399.D

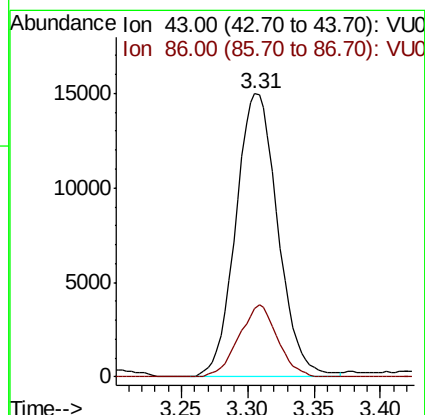
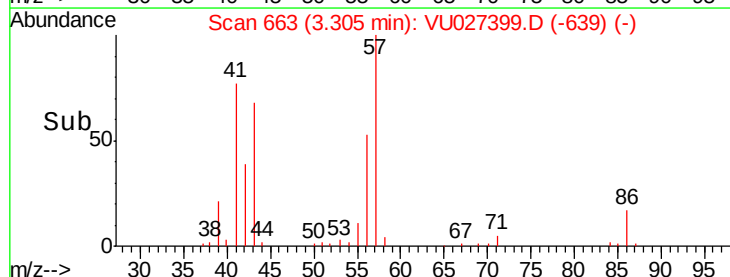
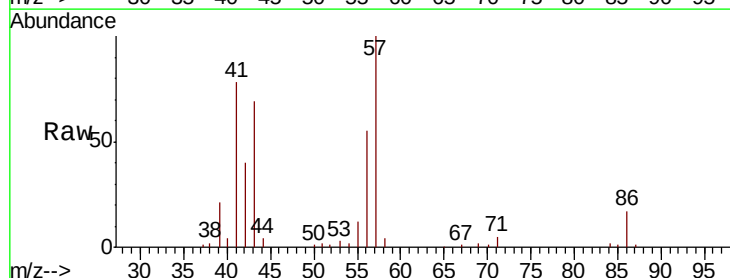
Acq: 04 Oct 2018 11:36

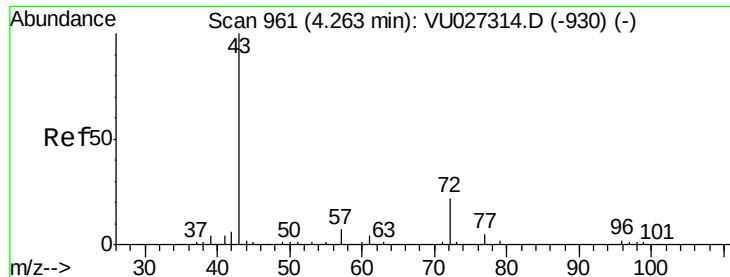
Tgt Ion: 43 Resp: 33017

Ion Ratio Lower Upper

43 100

86 24.1 7.0 10.4#

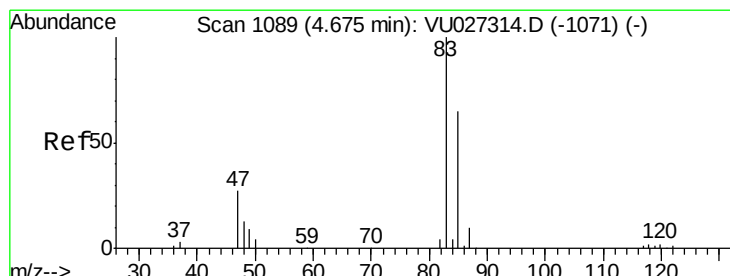
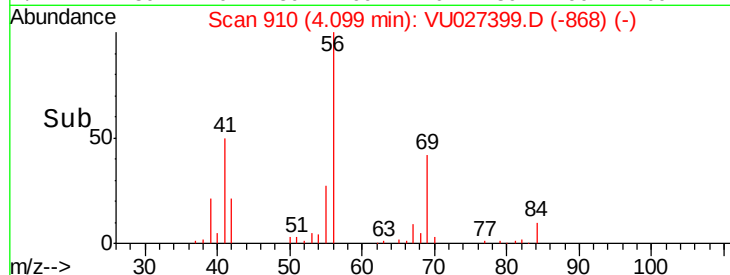
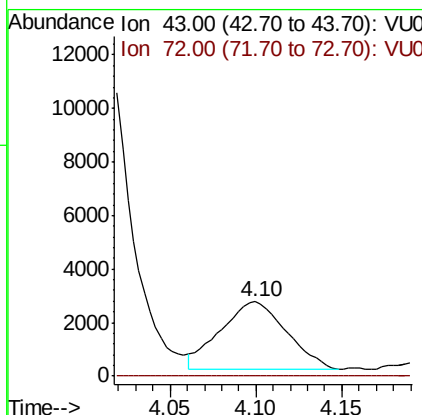
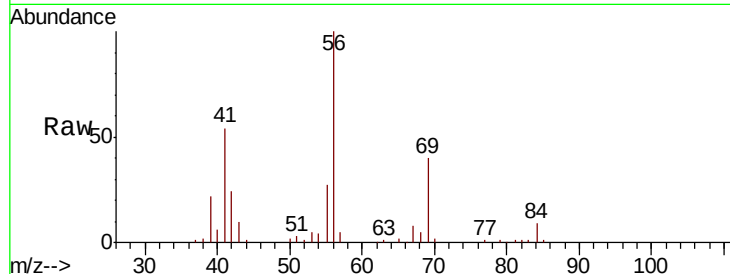




#25
 2-Butanone
 Concen: 4.148 ug/l
 RT: 4.10 min Scan# 910
 Delta R.T. -0.16 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

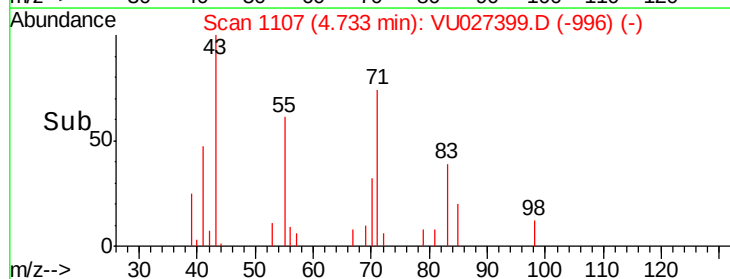
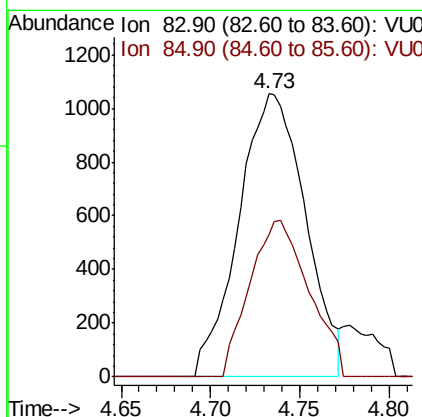
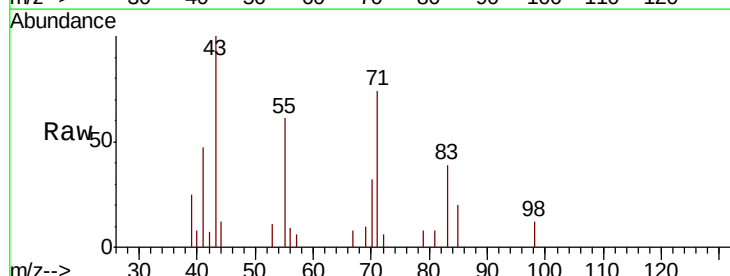
Instrument :
 MSVOA_U
 ClientSampled :
 B-6(8-8.5)

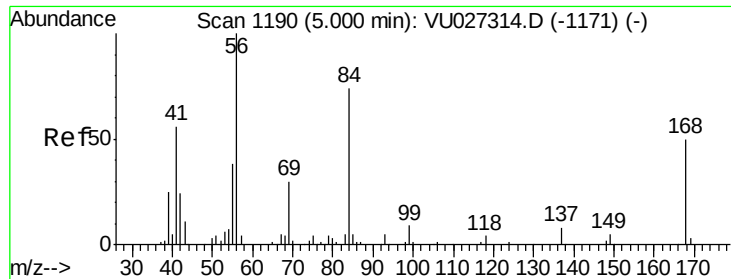
Tgt Ion: 43 Resp: 6691
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.8 26.6#



#30
 Chloroform
 Concen: 0.983 ug/l
 RT: 4.73 min Scan# 1107
 Delta R.T. 0.06 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion: 83 Resp: 2744
 Ion Ratio Lower Upper
 83 100
 85 50.5 51.8 77.6#

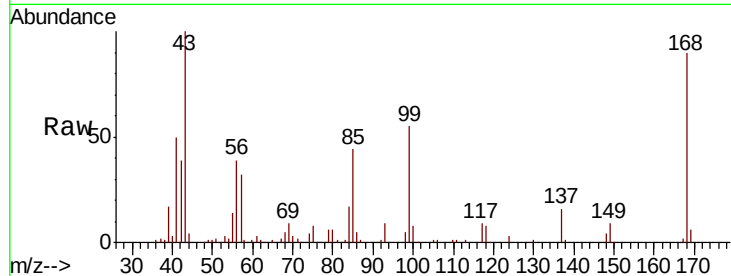




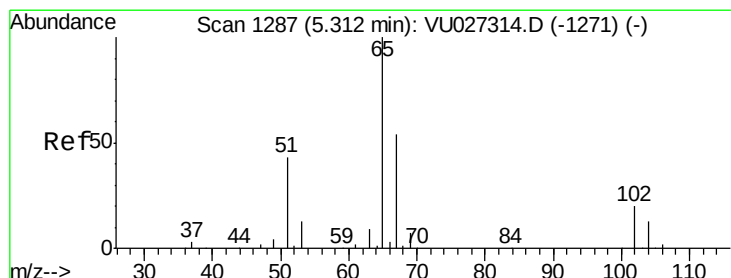
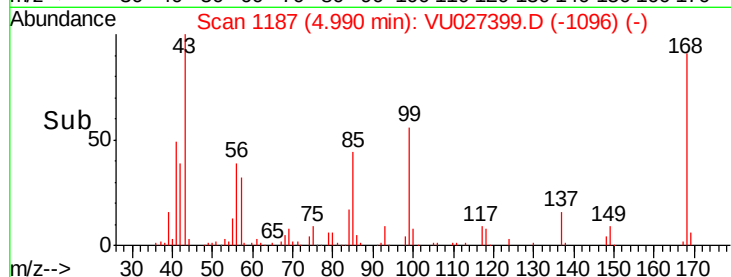
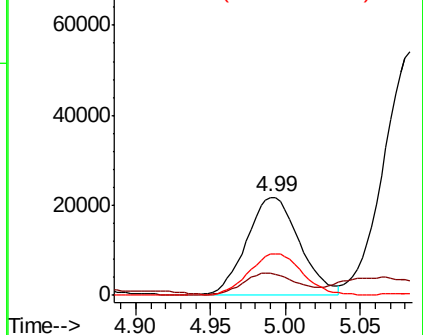
#31
Cyclohexane
Concen: 16.405 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

Tgt Ion: 56 Resp: 53194
Ion Ratio Lower Upper
56 100
69 20.8 24.1 36.1#
84 42.3 59.1 88.7#

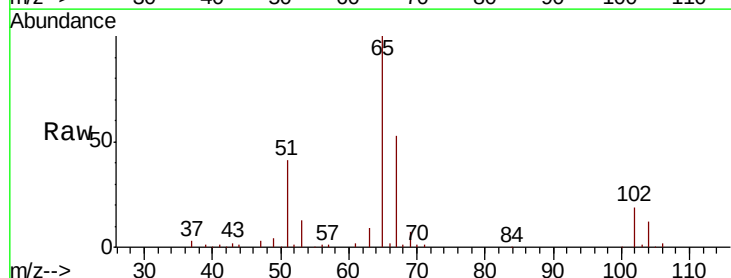


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

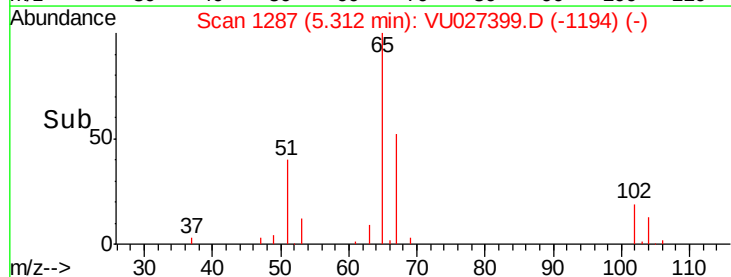
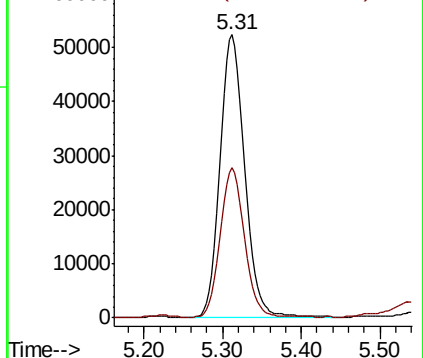


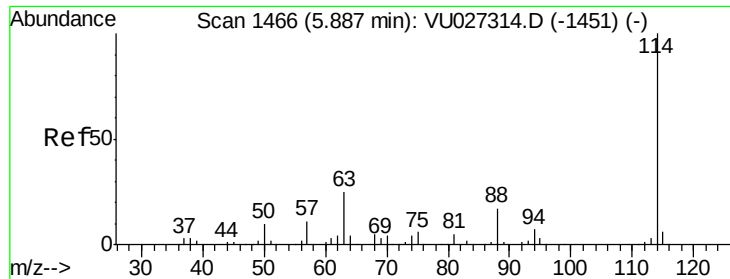
#33
1,2-Dichloroethane-d4
Concen: 56.794 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 65 Resp: 113716
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.8



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

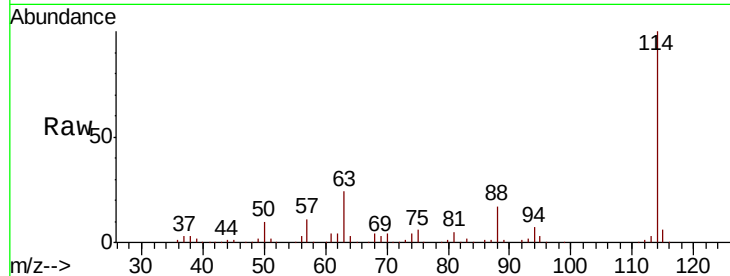




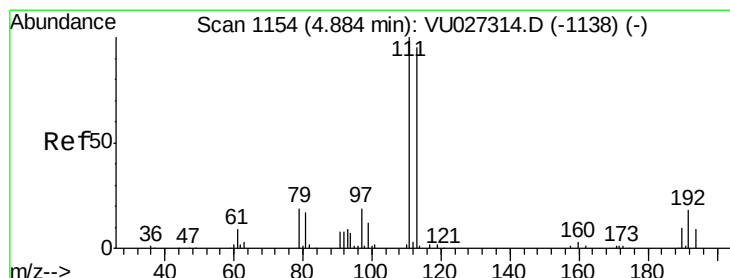
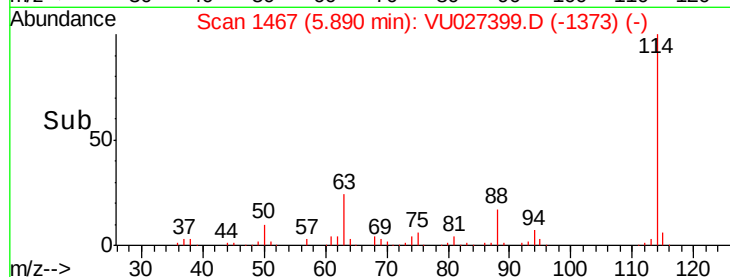
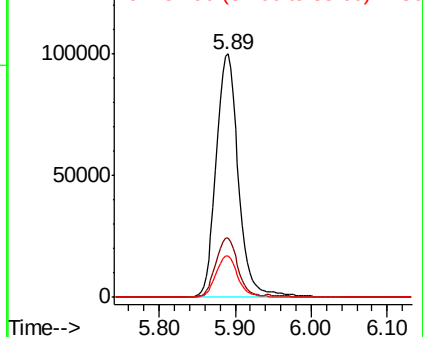
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Instrument :
 MSVOA_U
 ClientSampled :
 B-6(8-8.5)

Tgt Ion:114 Resp: 203642
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.2
 88 17.0 0.0 33.8

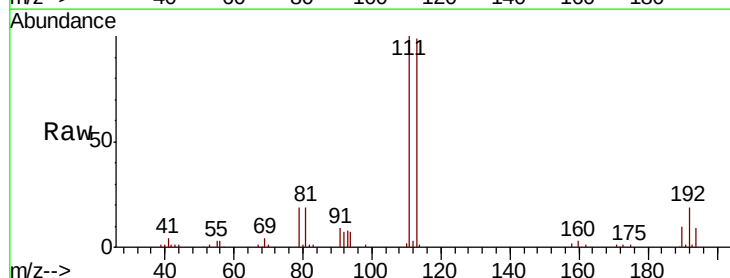


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

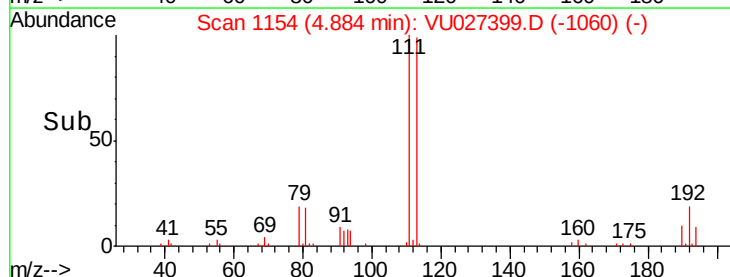
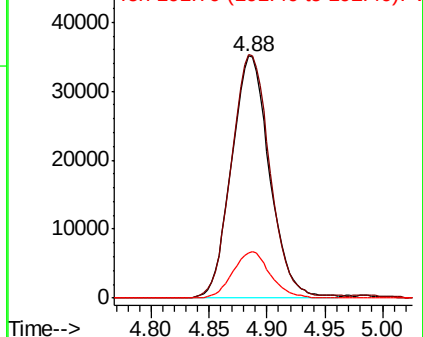


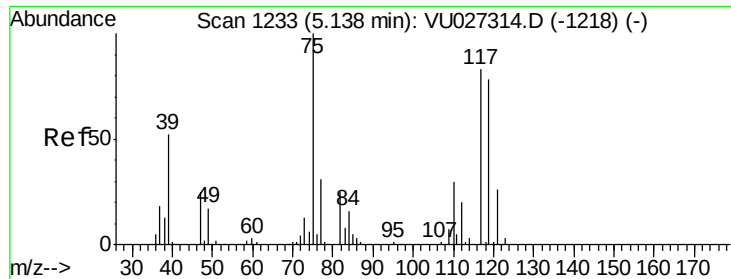
#35
 Dibromofluoromethane
 Concen: 57.271 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion:113 Resp: 79928
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.1 124.7
 192 18.8 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

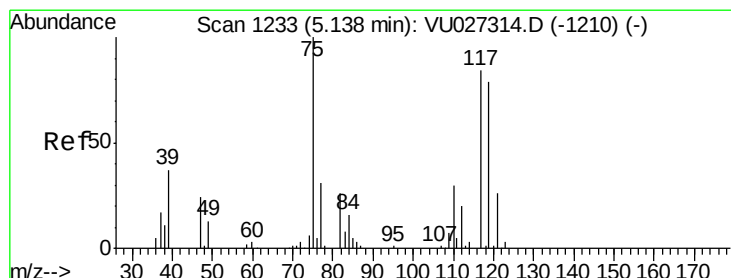
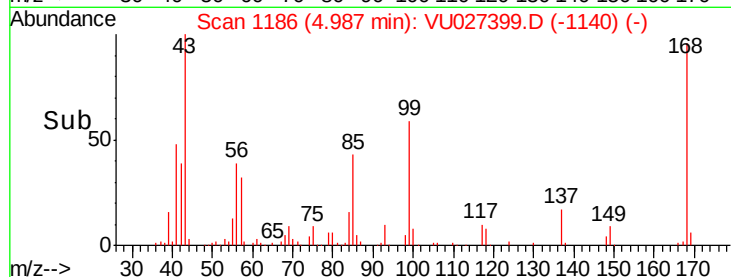
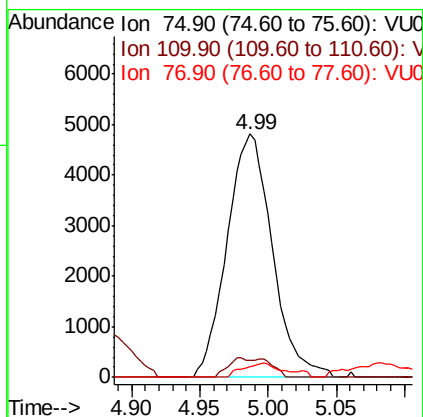
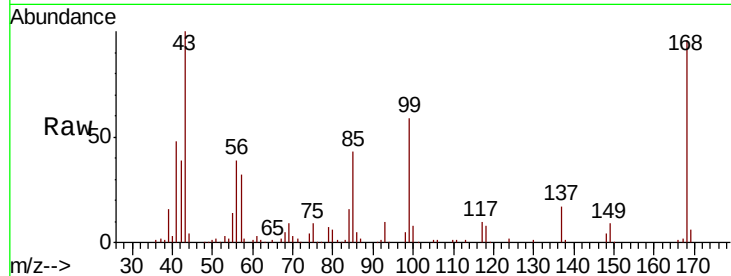




#36
 1,1-Dichloropropene
 Concen: 5.020 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

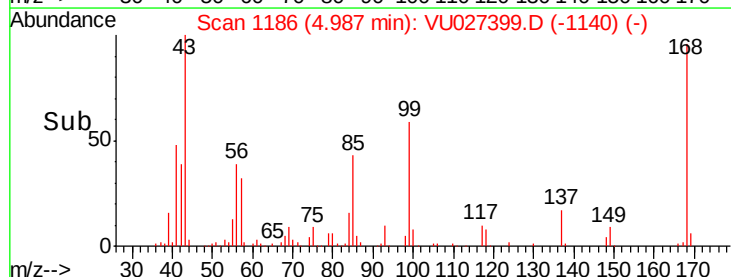
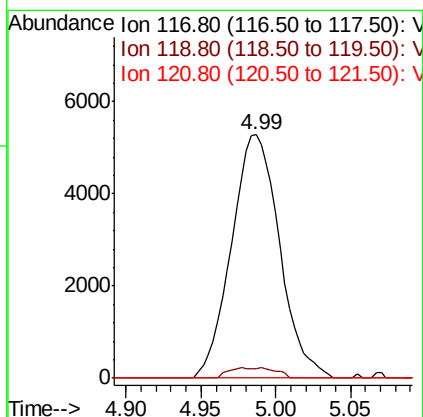
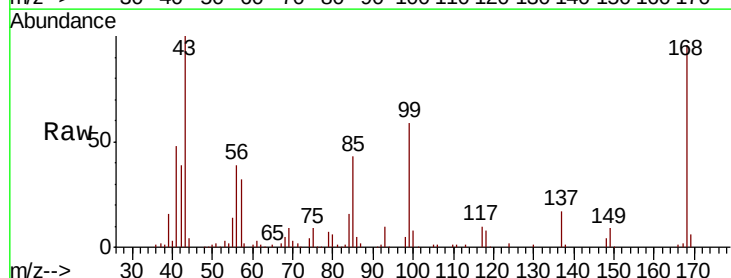
Instrument :
 MSVOA_U
 ClientSampleId :
 B-6(8-8.5)

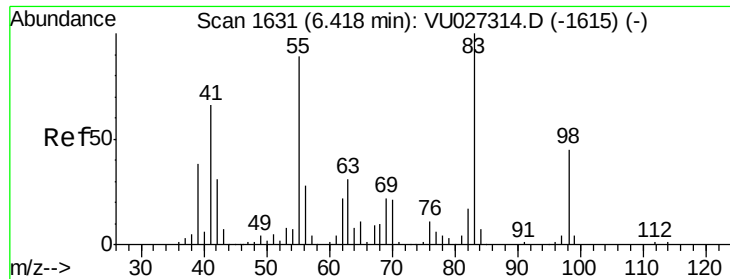
Tgt Ion: 75 Resp: 11100
 Ion Ratio Lower Upper
 75 100
 110 3.9 15.5 46.5#
 77 4.7 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 5.922 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion: 117 Resp: 11828
 Ion Ratio Lower Upper
 117 100
 119 4.0 74.5 111.7#
 121 0.0 24.6 37.0#

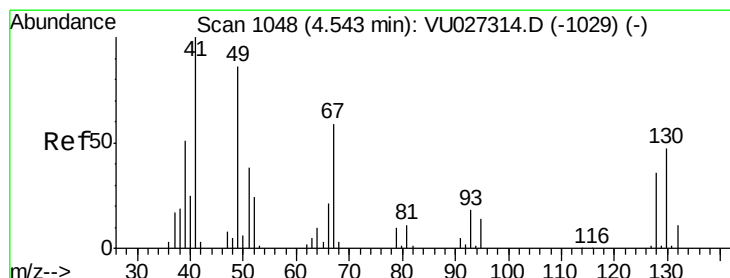
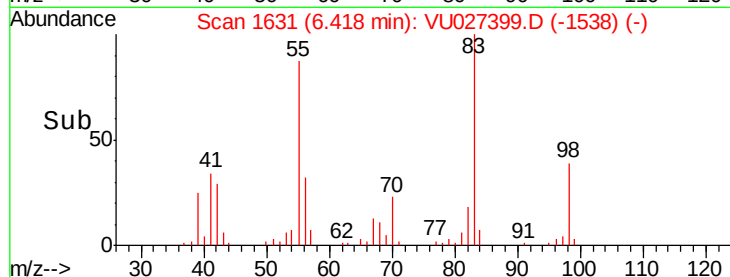
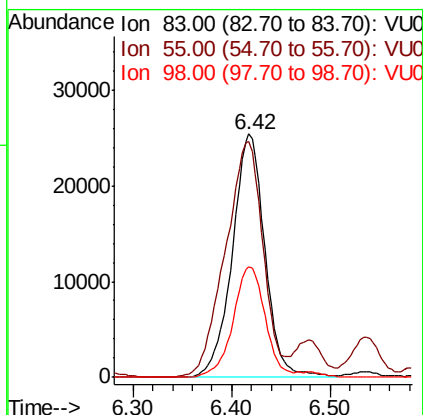
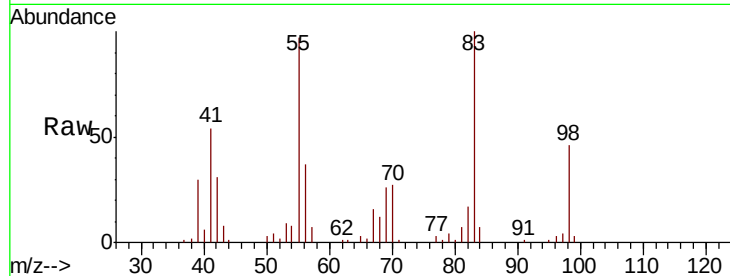




#39
Methylcyclohexane
Concen: 22.657 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

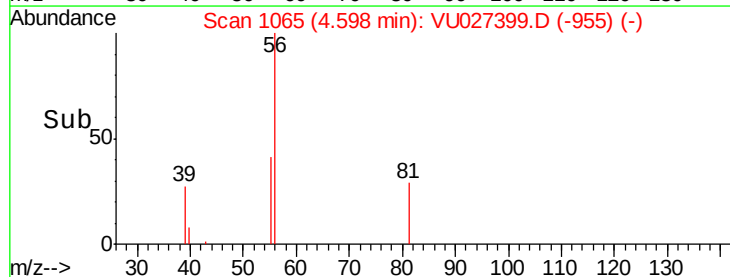
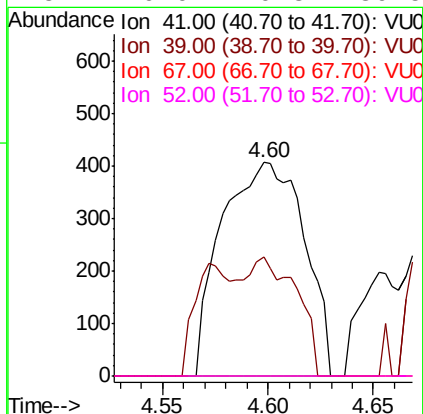
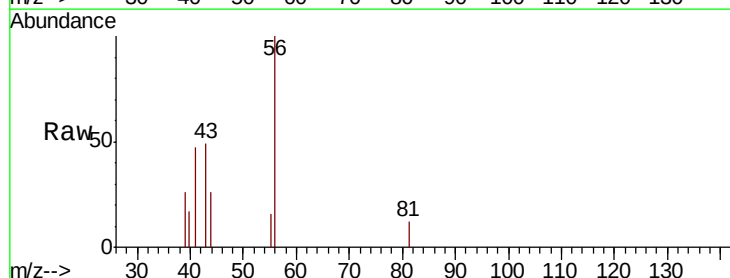
Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

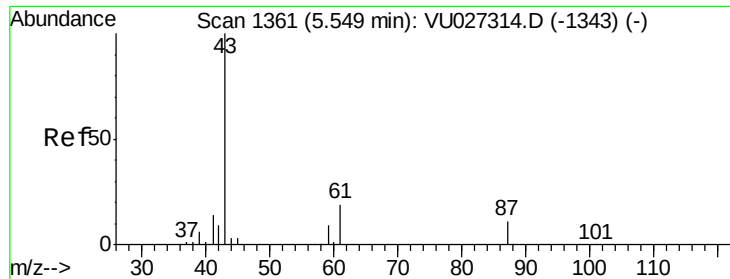
Tgt Ion: 83 Resp: 58561
Ion Ratio Lower Upper
83 100
55 95.3 71.1 106.7
98 45.6 36.3 54.5



#41
Methacrylonitrile
Concen: 0.686 ug/l
RT: 4.60 min Scan# 1065
Delta R.T. 0.05 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 41 Resp: 1108
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#





#43

Isopropyl Acetate

Concen: 28.216 ug/l

RT: 5.54 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

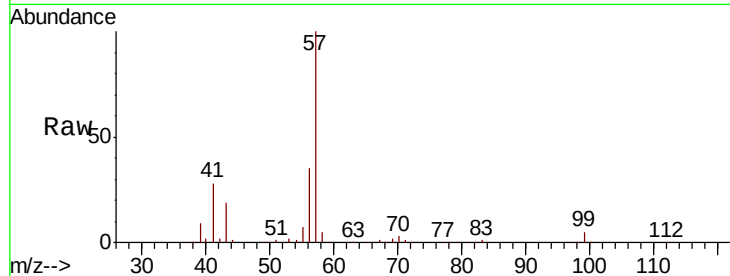
Tgt Ion: 43 Resp: 125226

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

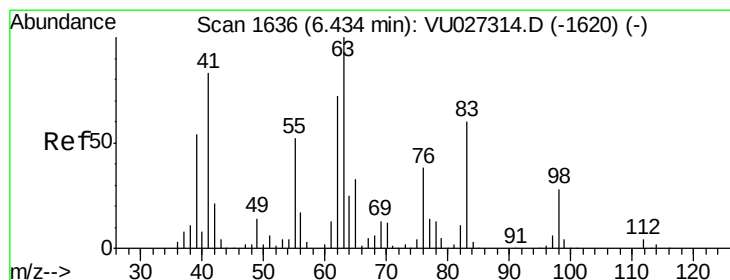
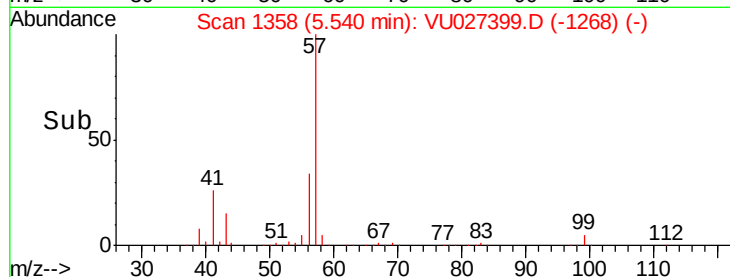
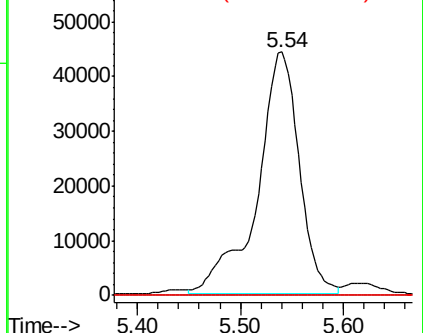
87 0.0 8.6 13.0#



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



#45

1,2-Dichloropropane

Concen: 0.385 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. -0.02 min

Lab File: VU027399.D

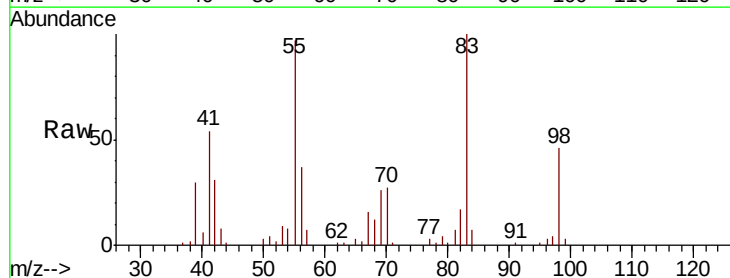
Acq: 04 Oct 2018 11:36

Tgt Ion: 63 Resp: 715

Ion Ratio Lower Upper

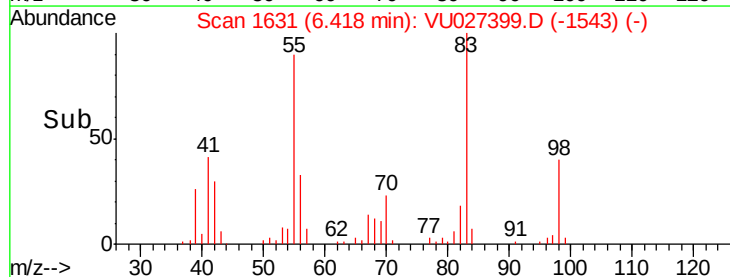
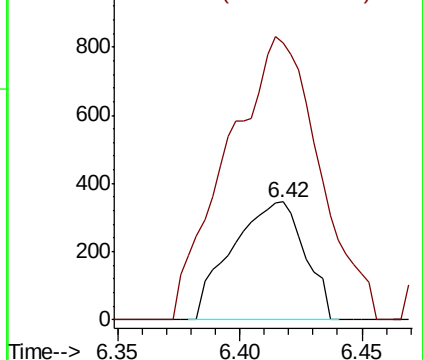
63 100

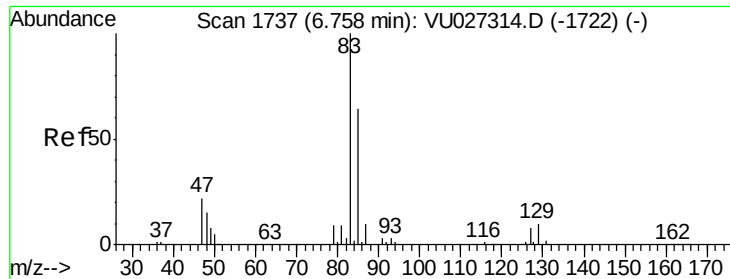
65 179.5 26.0 39.0#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0





#47

Bromodichloromethane

Concen: 0.254 ug/l

RT: 6.72 min Scan# 1726

Delta R.T. -0.04 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

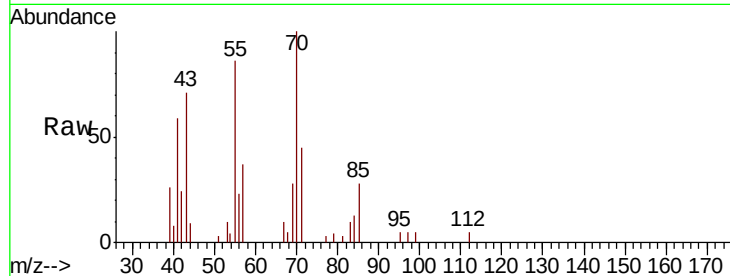
Tgt Ion: 83 Resp: 553

Ion Ratio Lower Upper

83 100

85 373.5 51.4 77.0#

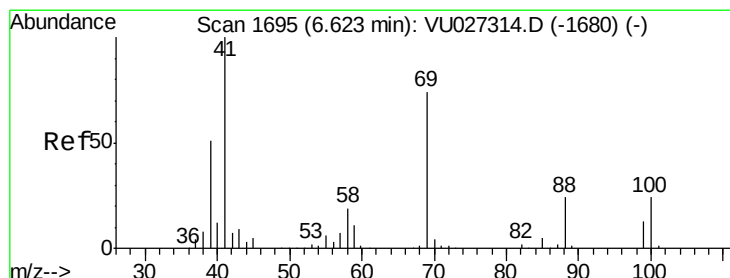
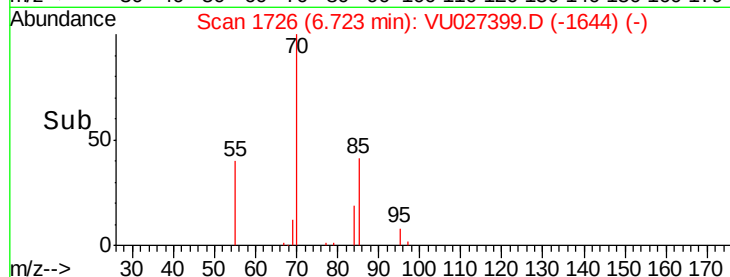
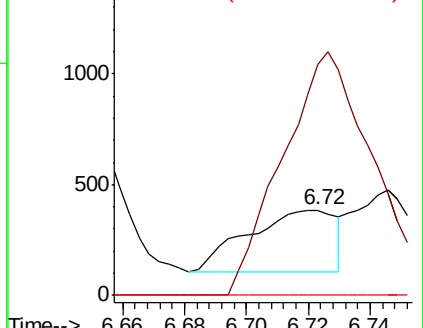
127 0.0 6.3 9.5#



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

Methyl methacrylate

Concen: 5.451 ug/l

RT: 6.64 min Scan# 1701

Delta R.T. 0.02 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

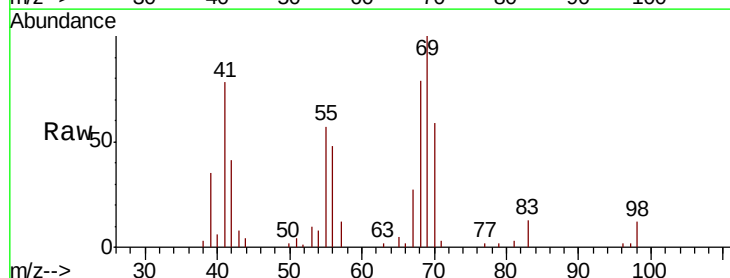
Tgt Ion: 41 Resp: 12030

Ion Ratio Lower Upper

41 100

69 128.4 61.0 91.4#

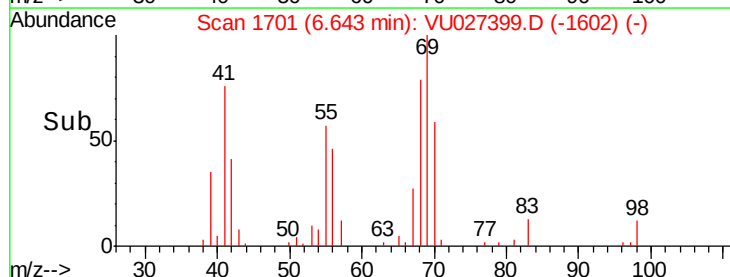
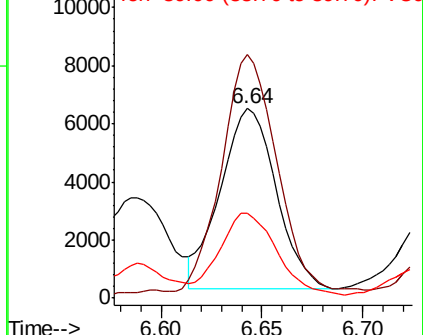
39 45.9 39.9 59.9

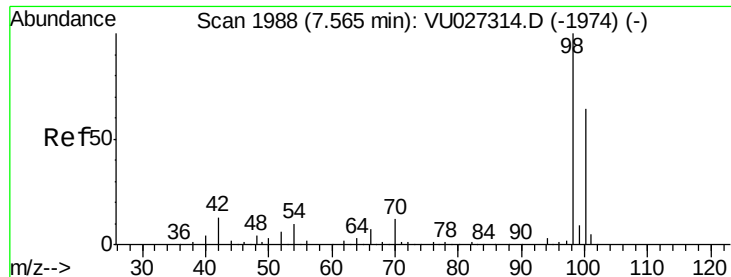


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

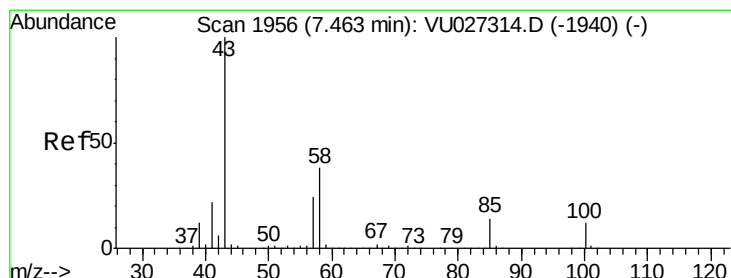
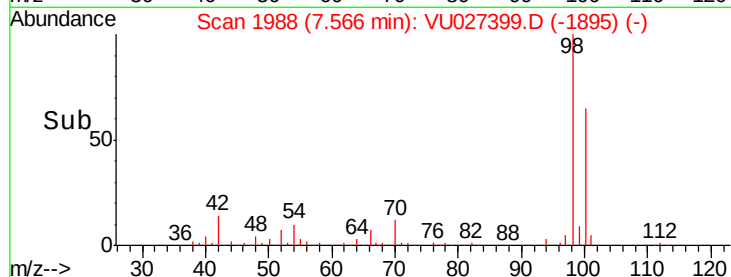
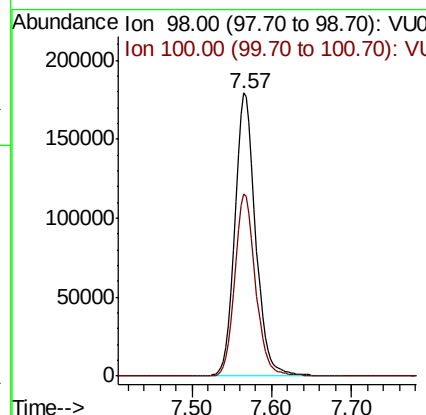
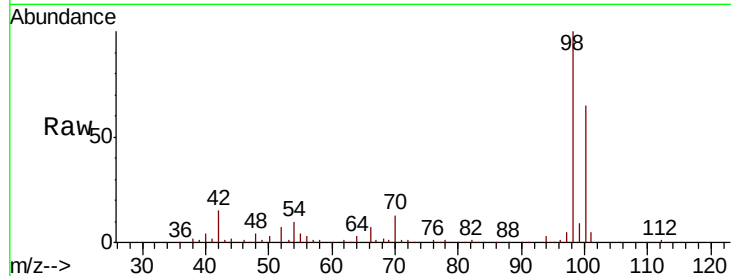




#50
Toluene-d8
Concen: 60.976 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

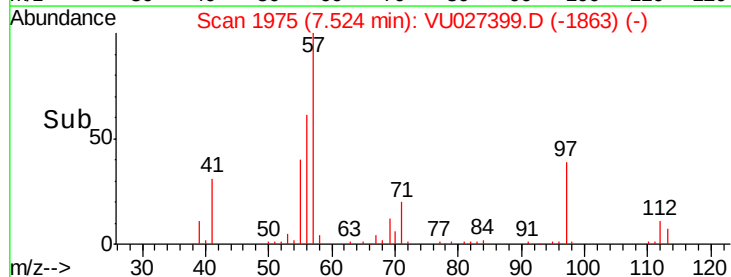
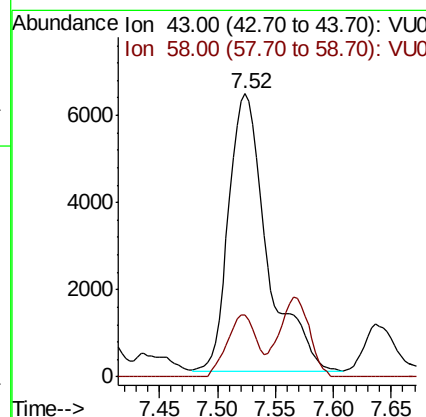
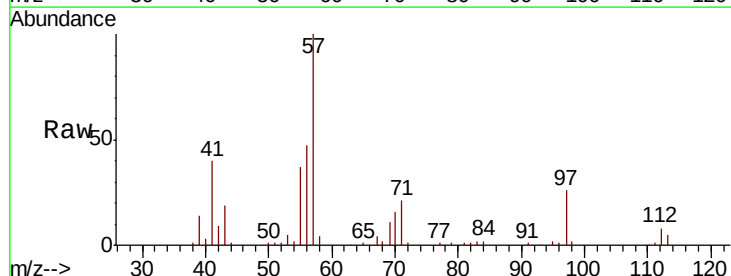
Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

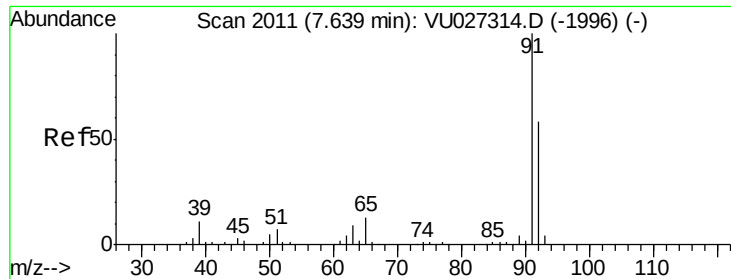
Tgt Ion: 98 Resp: 318498
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 5.072 ug/l
RT: 7.52 min Scan# 1975
Delta R.T. 0.06 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 43 Resp: 14629
Ion Ratio Lower Upper
43 100
58 16.8 29.8 44.8#





#52

Toluene

Concen: 28.660 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

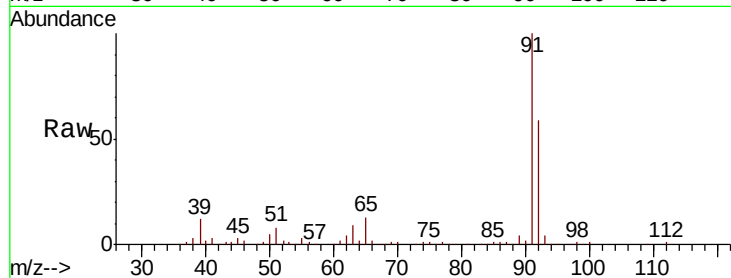
B-6(8-8.5)

Tgt Ion: 92 Resp: 109256

Ion Ratio Lower Upper

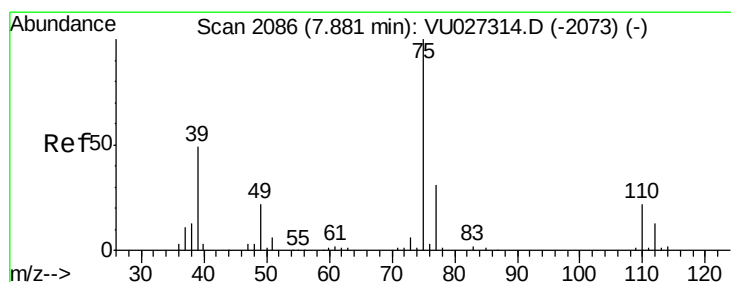
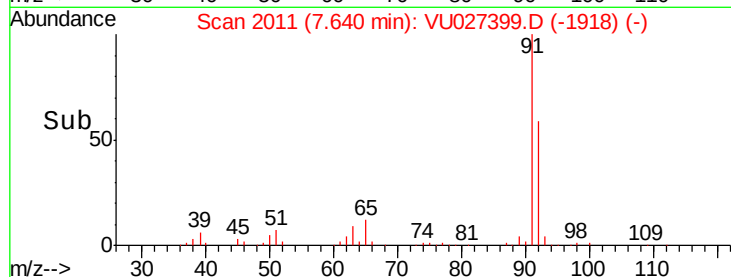
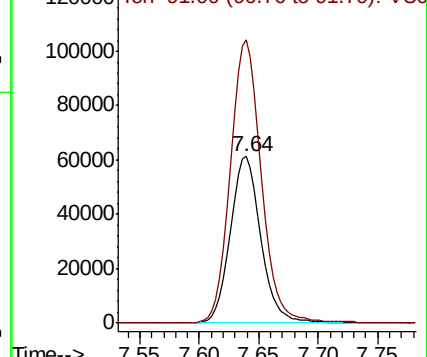
92 100

91 172.5 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#53

t-1,3-Dichloropropene

Concen: 0.488 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.24 min

Lab File: VU027399.D

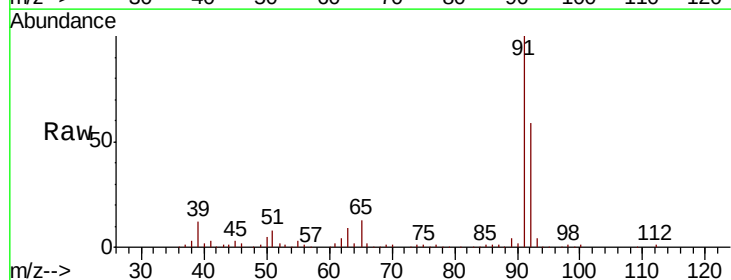
Acq: 04 Oct 2018 11:36

Tgt Ion: 75 Resp: 1246

Ion Ratio Lower Upper

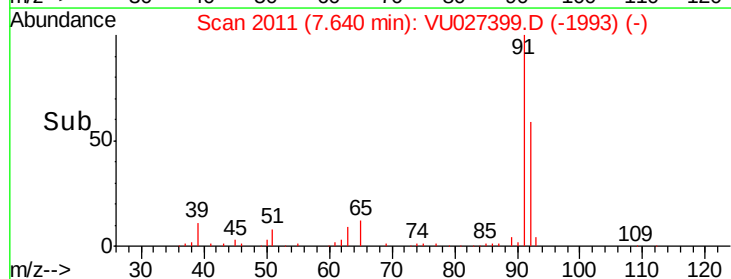
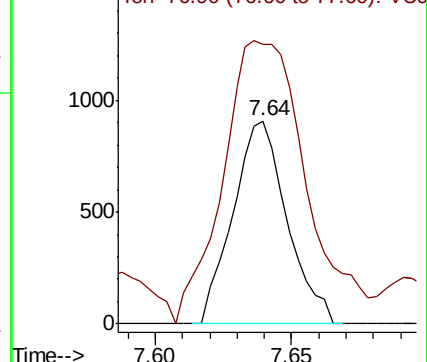
75 100

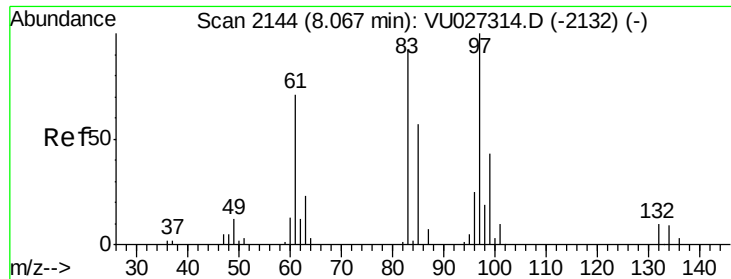
77 114.1 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

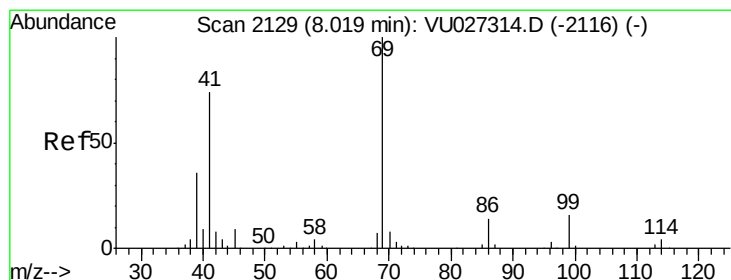
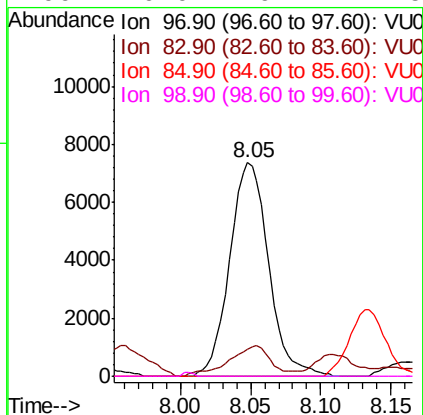
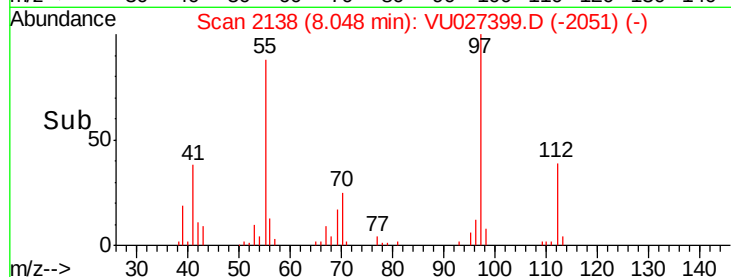
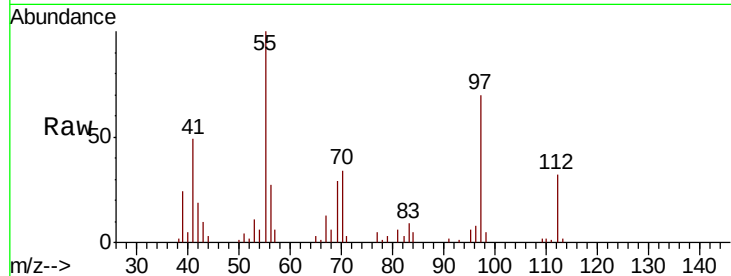




#55
1,1,2-Trichloroethane
Concen: 9.419 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

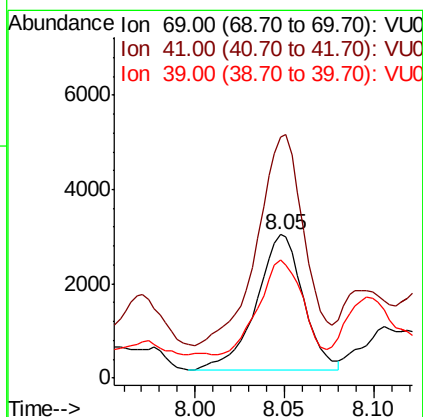
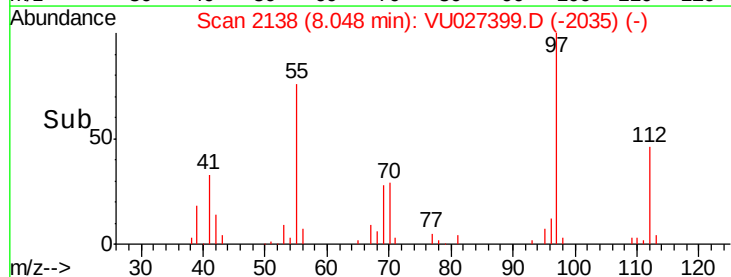
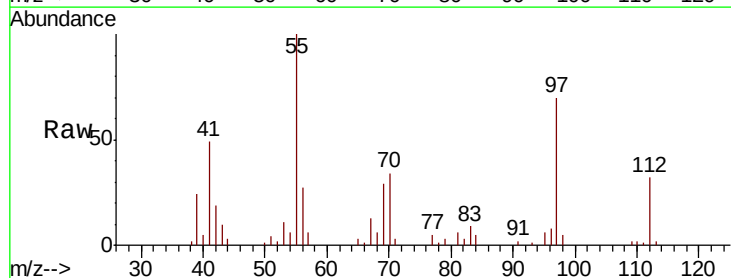
Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

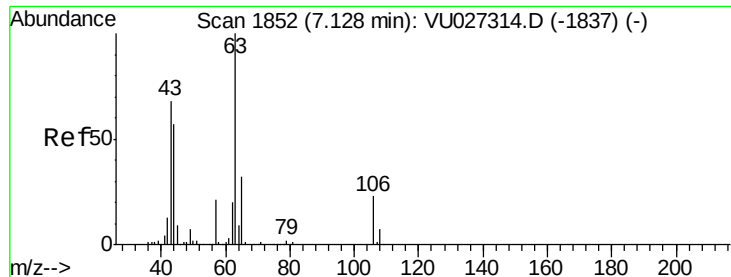
Tgt Ion: 97 Resp: 14236
Ion Ratio Lower Upper
97 100
83 11.3 73.0 109.6#
85 0.0 47.3 70.9#
99 0.0 49.7 74.5#



#56
Ethyl methacrylate
Concen: 3.994 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. 0.03 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 69 Resp: 5224
Ion Ratio Lower Upper
69 100
41 154.9 60.0 90.0#
39 64.0 29.5 44.3#

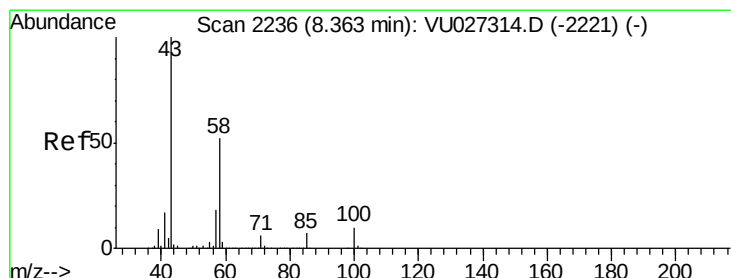
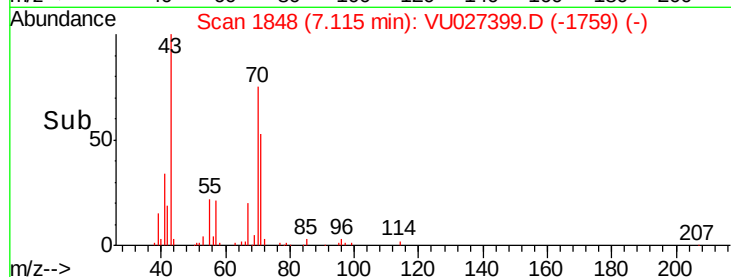
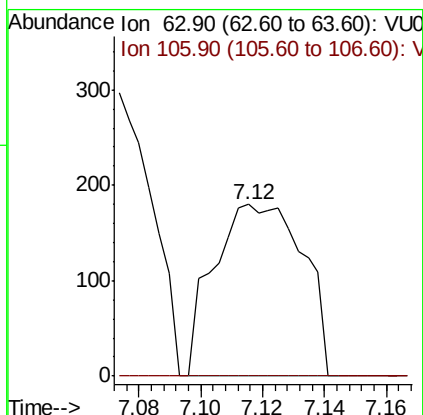
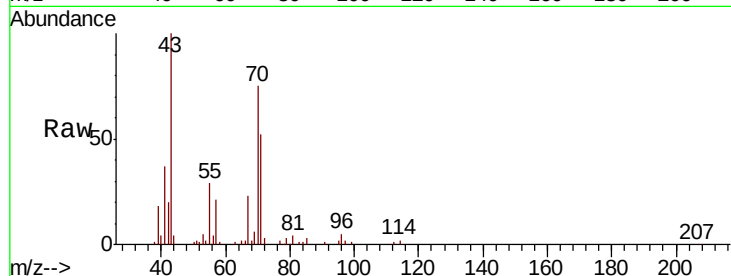




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.450 ug/l
 RT: 7.12 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

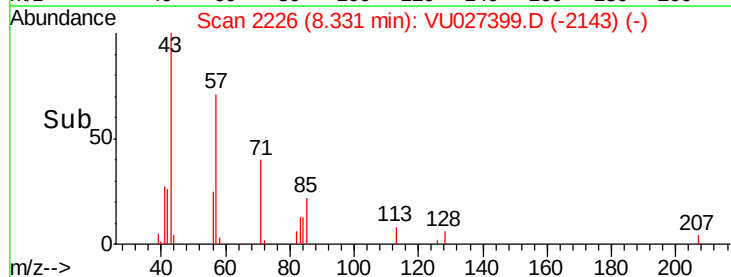
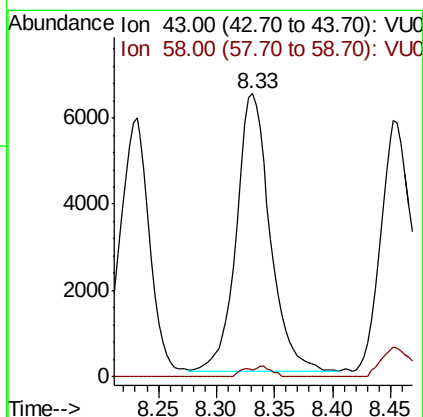
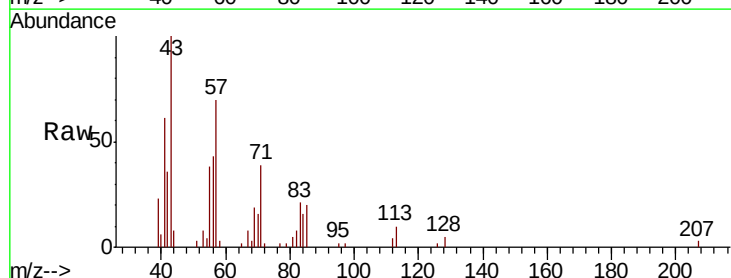
Instrument :
 MSVOA_U
 ClientSampled :
 B-6(8-8.5)

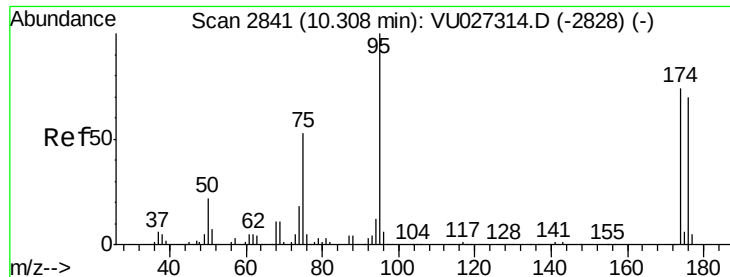
Tgt Ion: 63 Resp: 361
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.5 27.7#



#59
 2-Hexanone
 Concen: 5.743 ug/l
 RT: 8.33 min Scan# 2226
 Delta R.T. -0.03 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion: 43 Resp: 12848
 Ion Ratio Lower Upper
 43 100
 58 3.0 26.1 78.3#

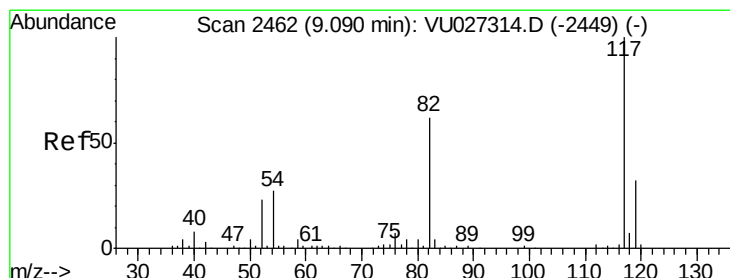
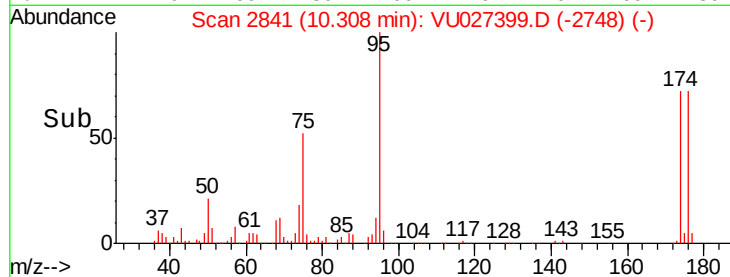
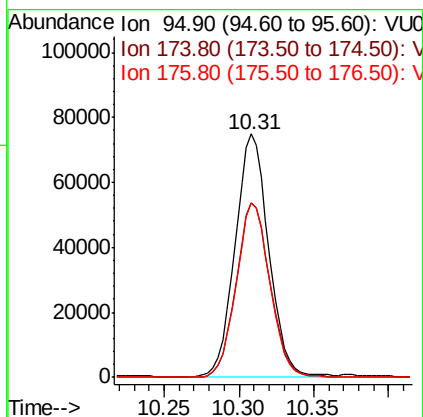
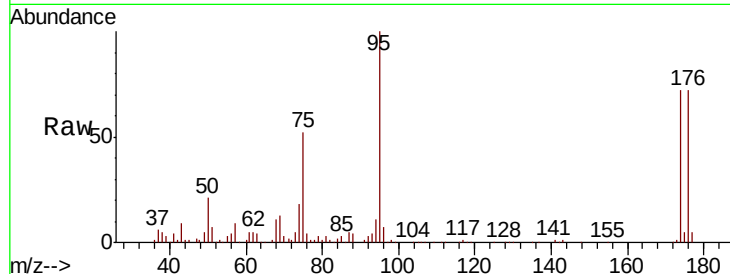




#62
 4-Bromofluorobenzene
 Concen: 59.847 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

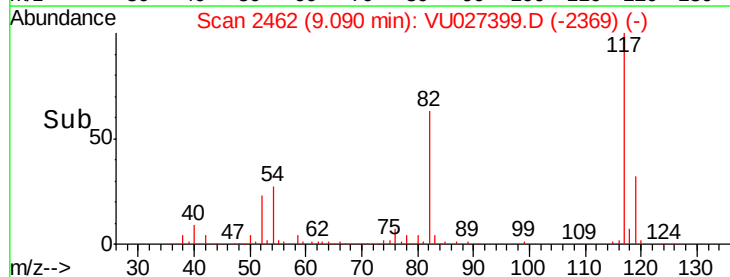
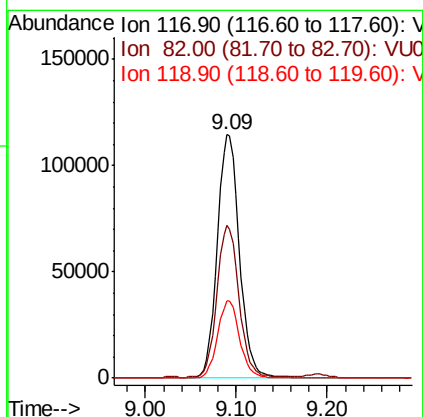
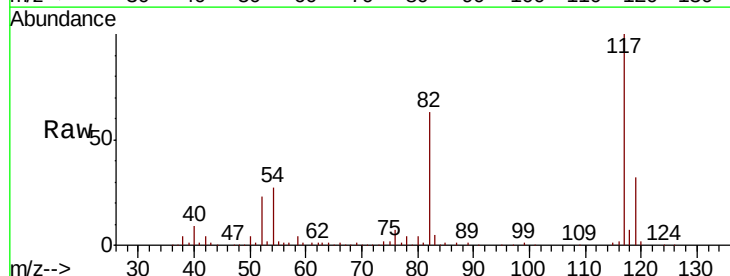
Instrument :
 MSVOA_U
 ClientSampled :
 B-6(8-8.5)

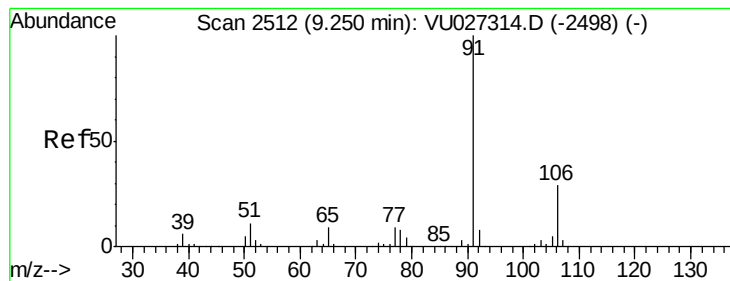
Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	147.8
176	72.2	0.0	140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.2	73.8
119	31.6	25.7	38.5





#67

Ethyl Benzene

Concen: 31.147 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

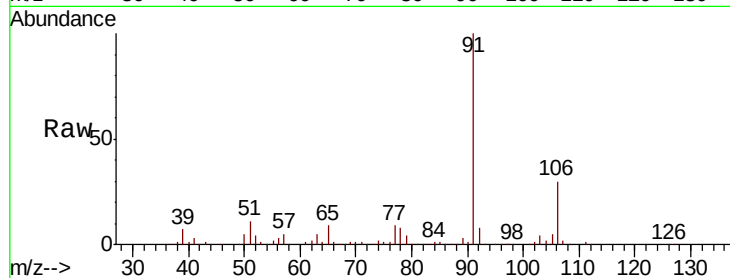
B-6(8-8.5)

Tgt Ion: 91 Resp: 225219

Ion Ratio Lower Upper

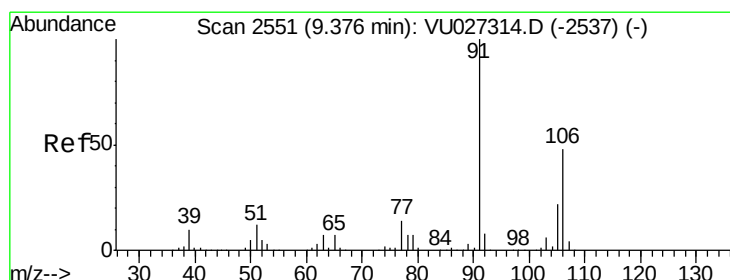
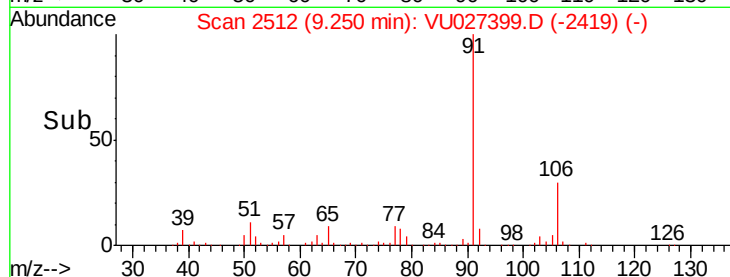
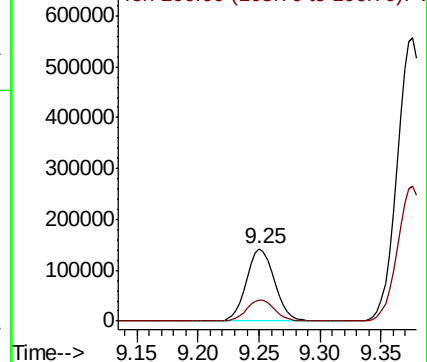
91 100

106 29.8 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: 163.564 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027399.D

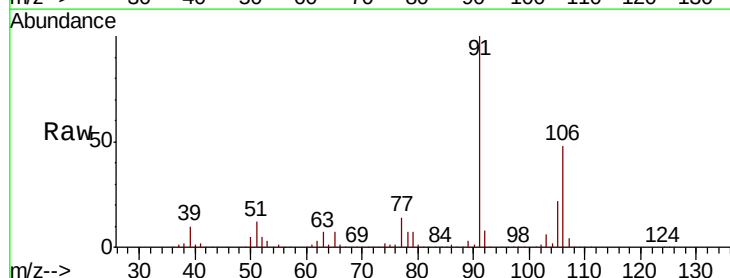
Acq: 04 Oct 2018 11:36

Tgt Ion: 106 Resp: 432620

Ion Ratio Lower Upper

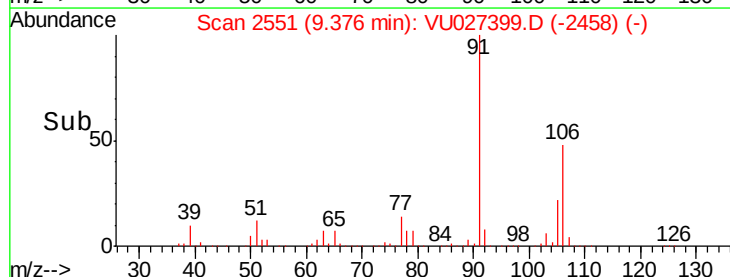
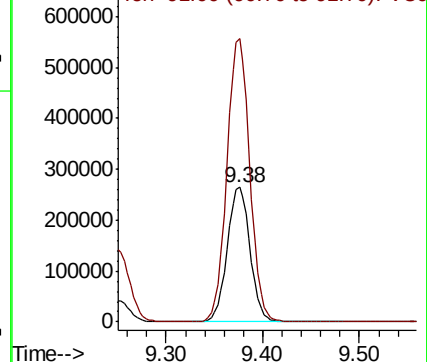
106 100

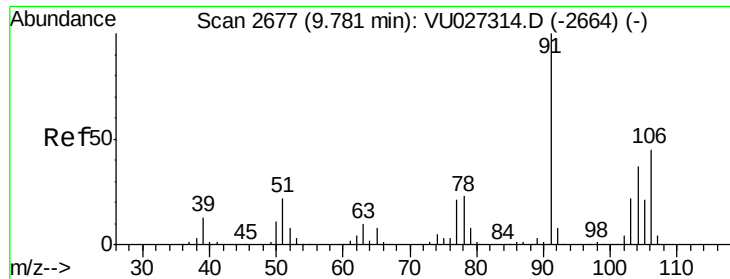
91 210.8 168.1 252.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

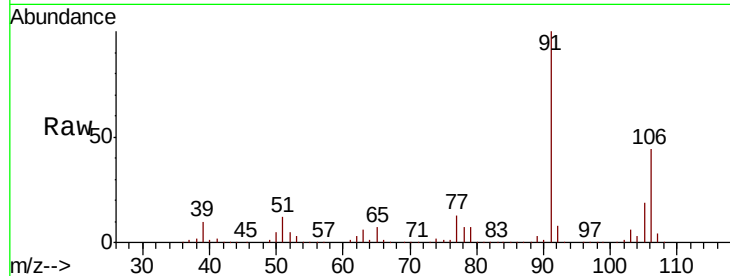




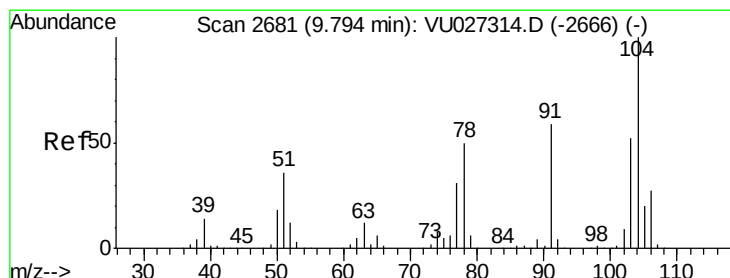
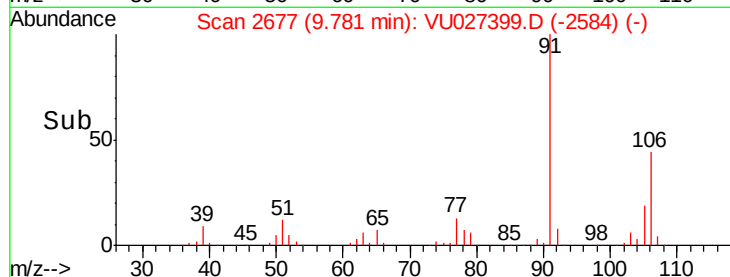
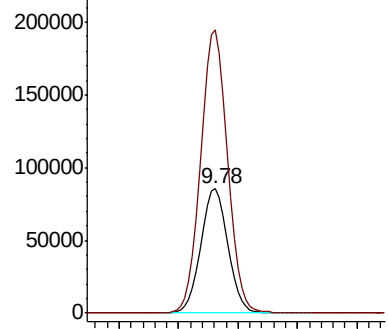
#69
o-Xylene
Concen: 53.821 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

Tgt Ion:106 Resp: 135278
Ion Ratio Lower Upper
106 100
91 225.3 111.7 334.9

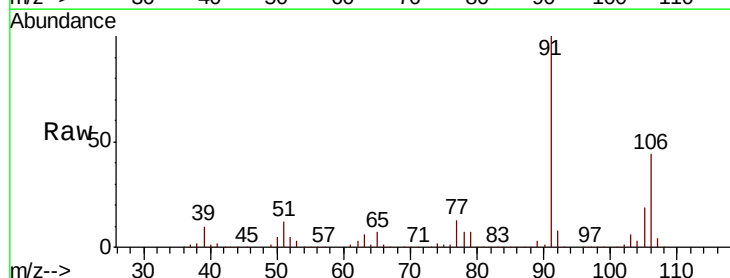


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

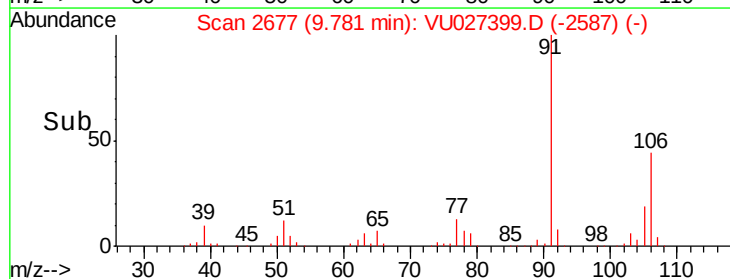
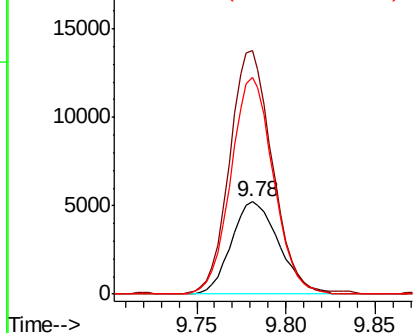


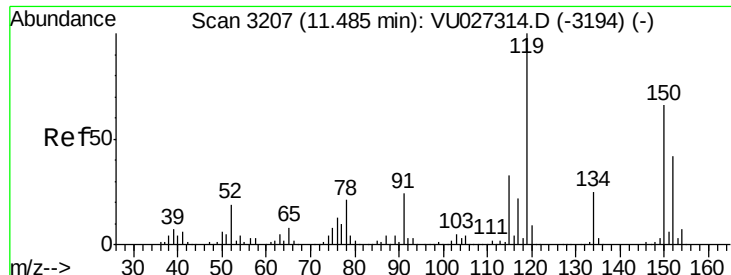
#70
Styrene
Concen: 4.273 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion:104 Resp: 9723
Ion Ratio Lower Upper
104 100
78 235.6 42.9 64.3#
103 209.2 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: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

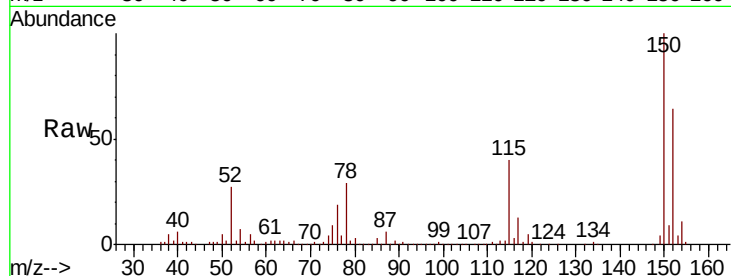
Tgt Ion:152 Resp: 107809

Ion Ratio Lower Upper

152 100

115 62.3 43.4 130.2

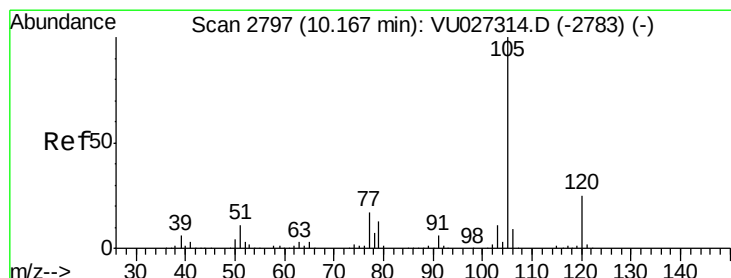
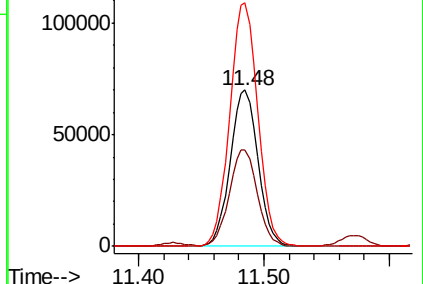
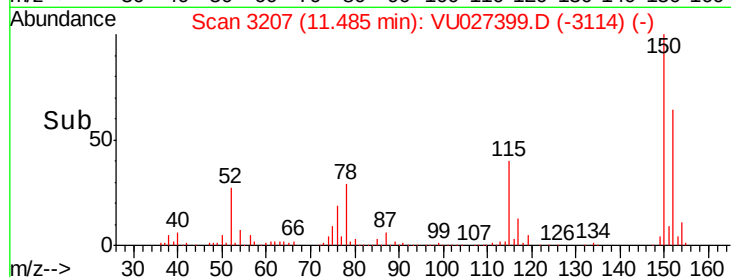
150 157.1 0.0 349.2



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: 6.563 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027399.D

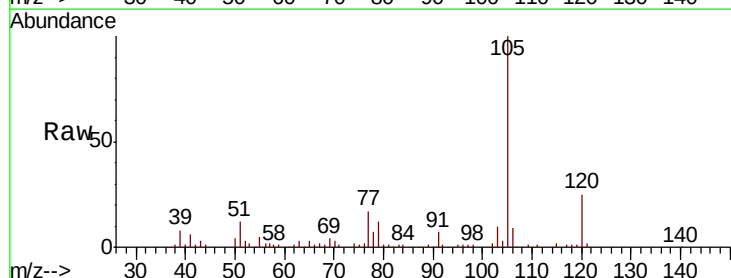
Acq: 04 Oct 2018 11:36

Tgt Ion:105 Resp: 51392

Ion Ratio Lower Upper

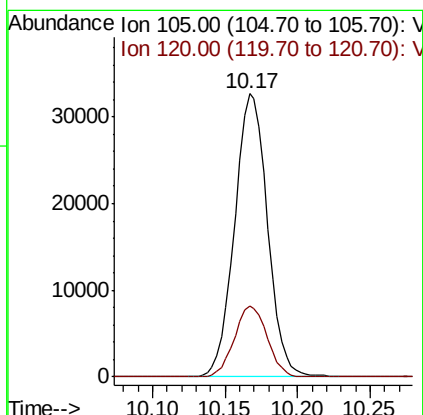
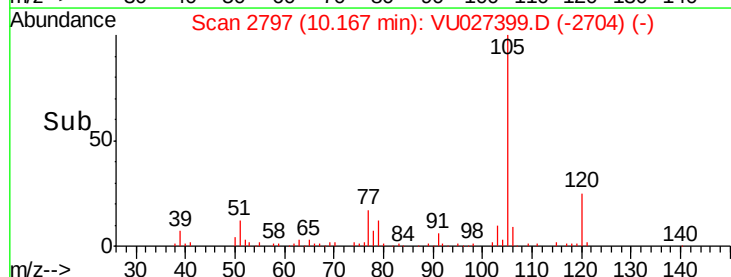
105 100

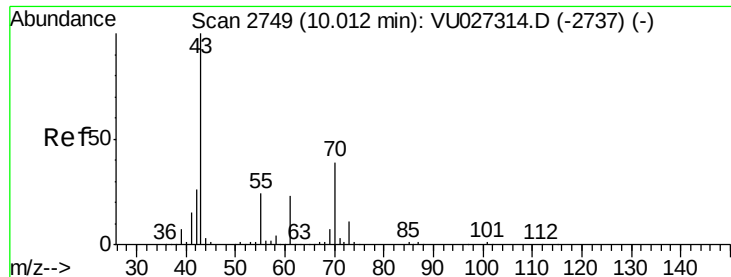
120 24.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.203 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

Tgt Ion: 43 Resp: 910

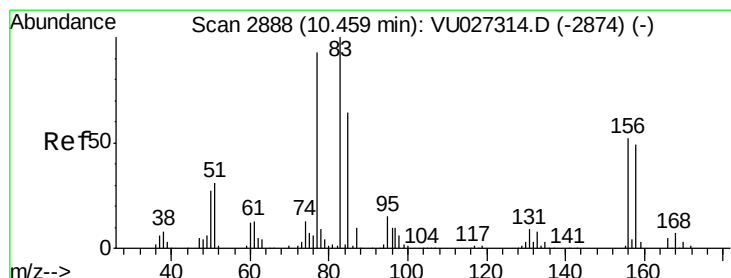
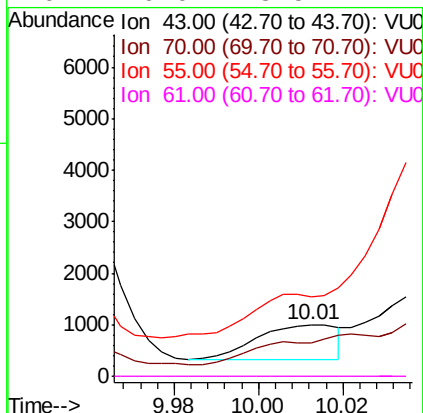
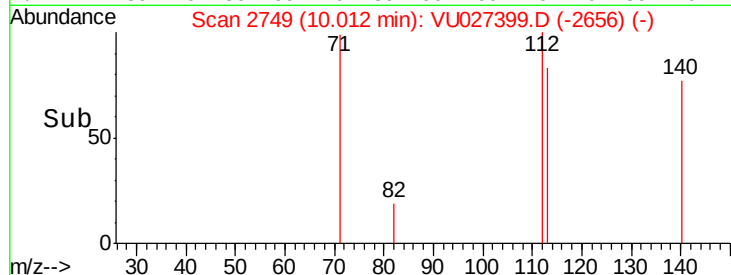
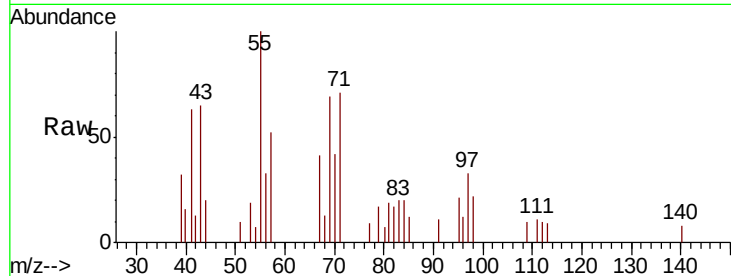
Ion Ratio Lower Upper

43 100

70 111.8 31.3 46.9#

55 108.9 19.0 28.6#

61 0.0 18.5 27.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.345 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

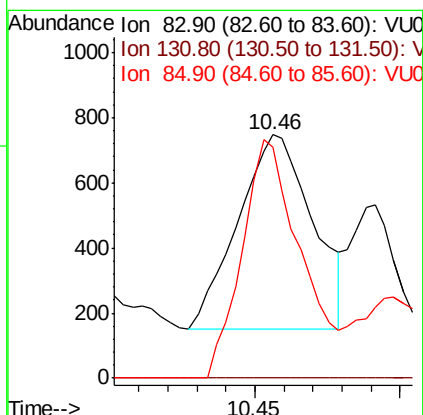
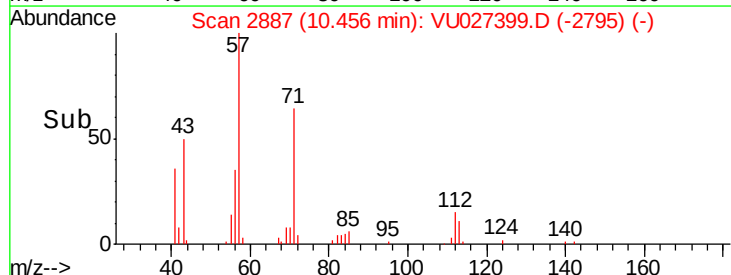
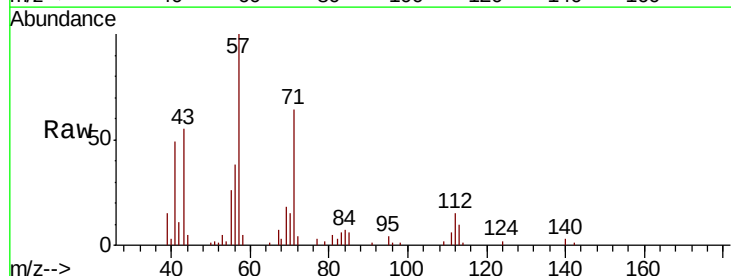
Tgt Ion: 83 Resp: 1060

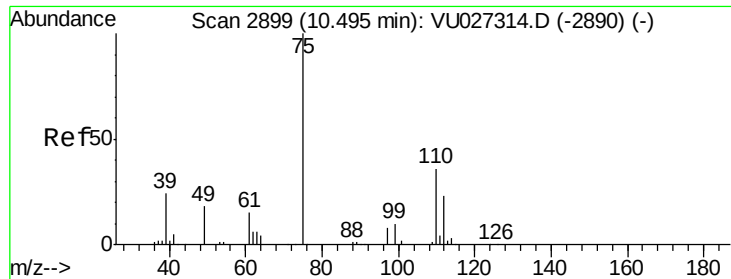
Ion Ratio Lower Upper

83 100

131 0.0 4.4 13.2#

85 96.9 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 21.928 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

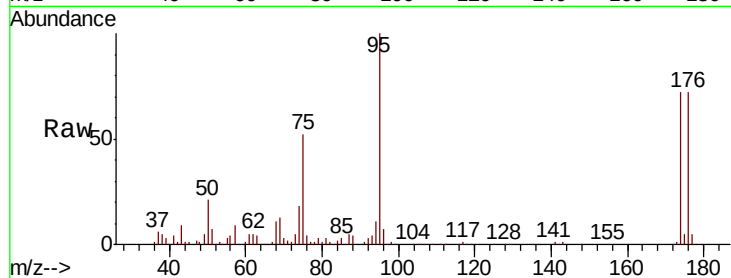
B-6(8-8.5)

Tgt Ion: 75 Resp: 61281

Ion Ratio Lower Upper

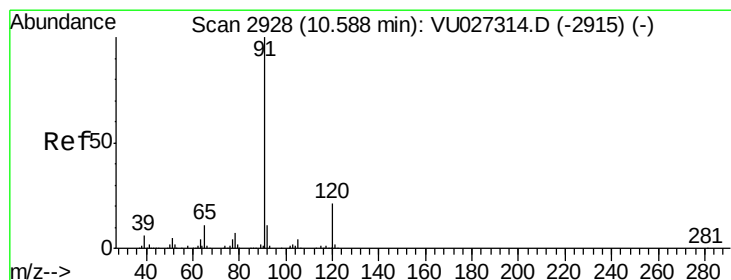
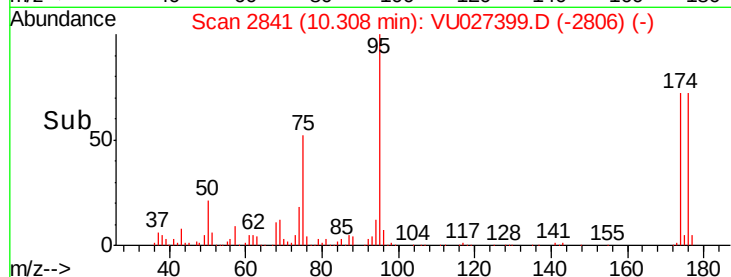
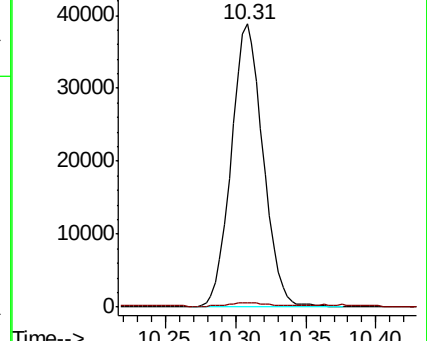
75 100

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: 25.636 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027399.D

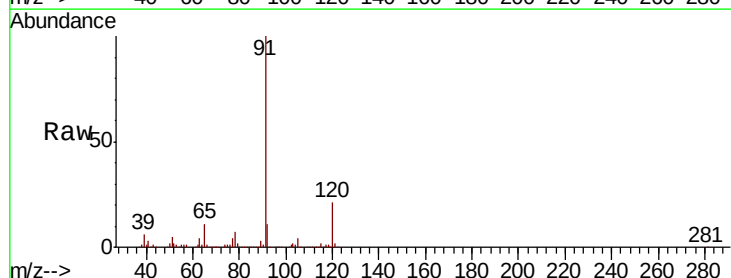
Acq: 04 Oct 2018 11:36

Tgt Ion: 91 Resp: 241207

Ion Ratio Lower Upper

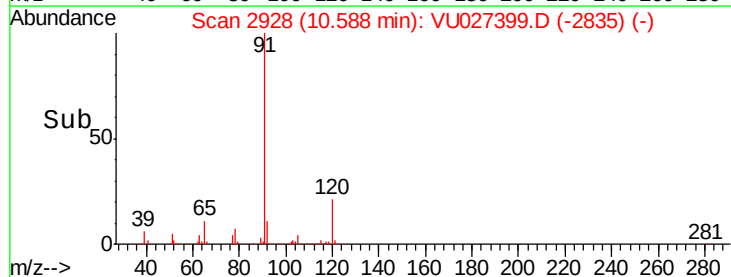
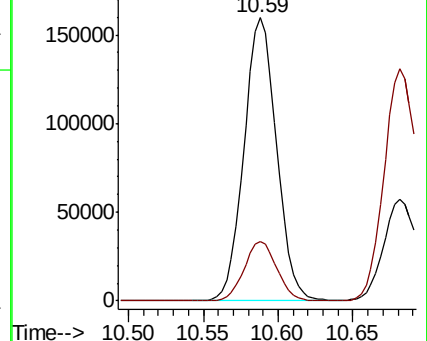
91 100

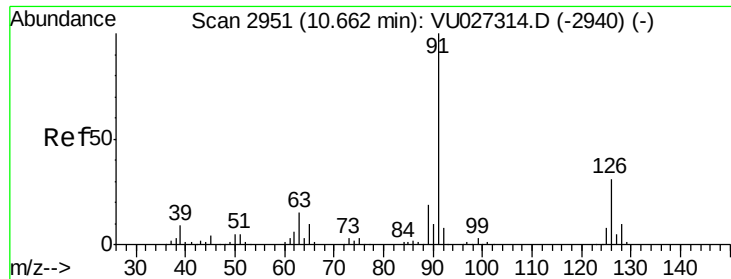
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

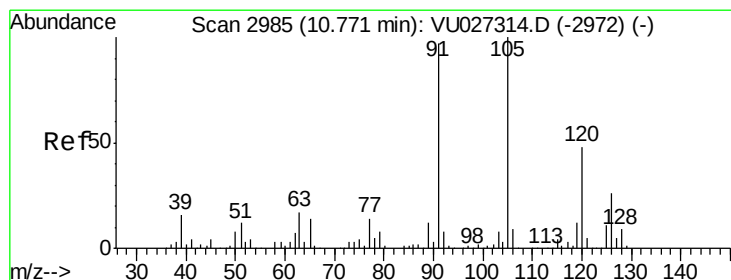
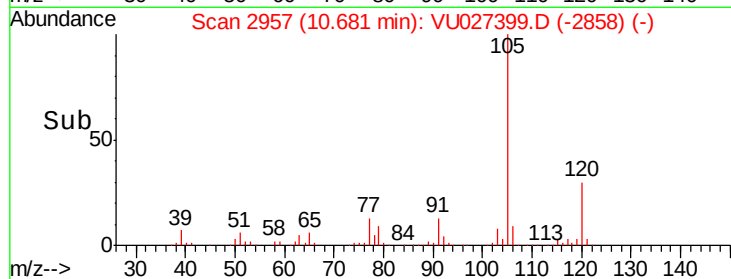
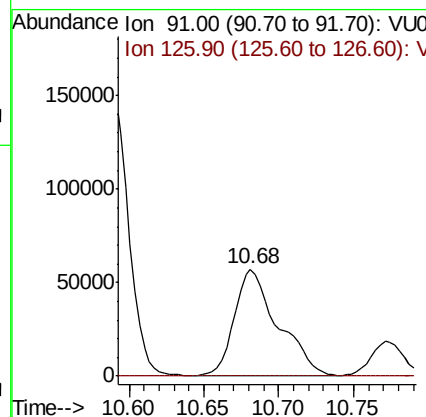
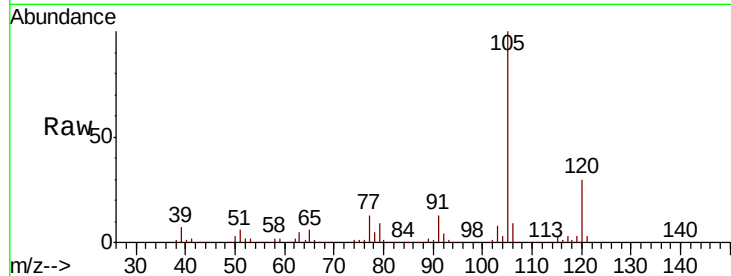




#79
 2-Chlorotoluene
 Concen: 20.401 ug/l
 RT: 10.68 min Scan# 2957
 Delta R.T. 0.02 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

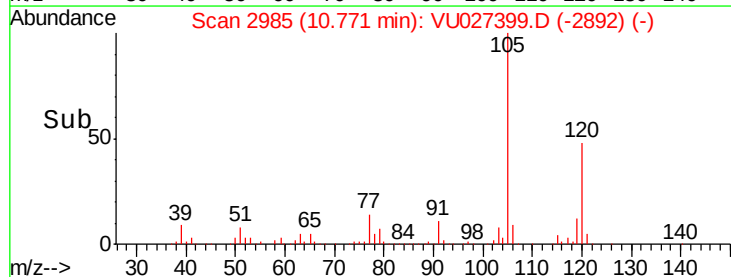
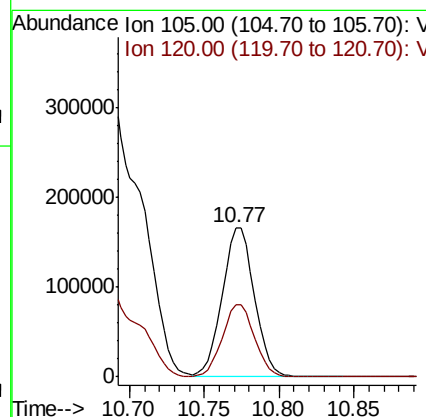
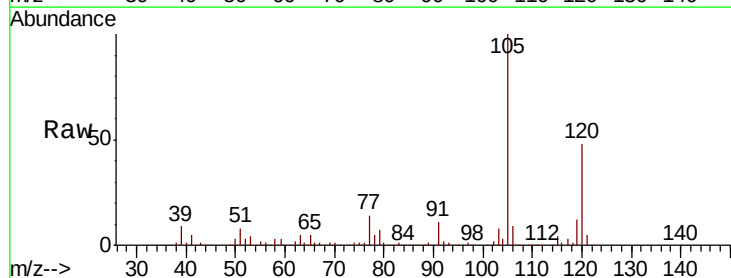
Instrument :
 MSVOA_U
 ClientSampleId :
 B-6(8-8.5)

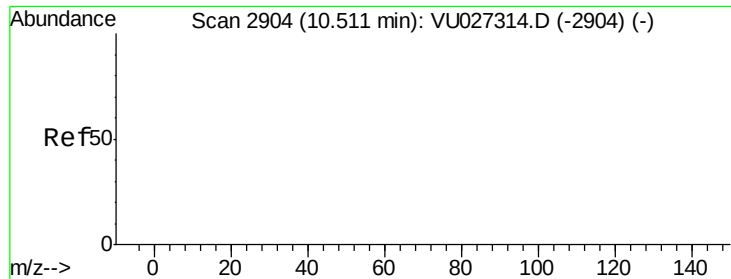
Tgt Ion: 91 Resp: 115896
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 39.165 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion: 105 Resp: 249670
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.4

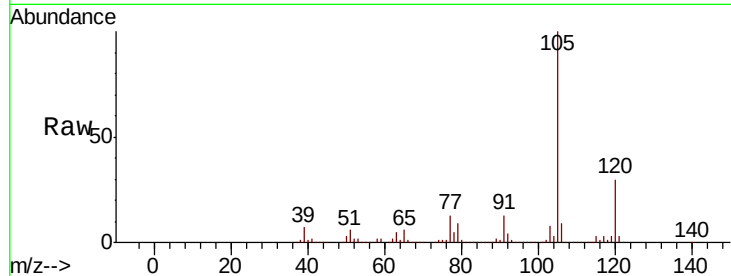




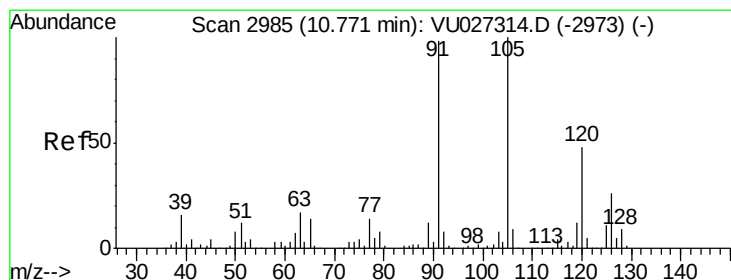
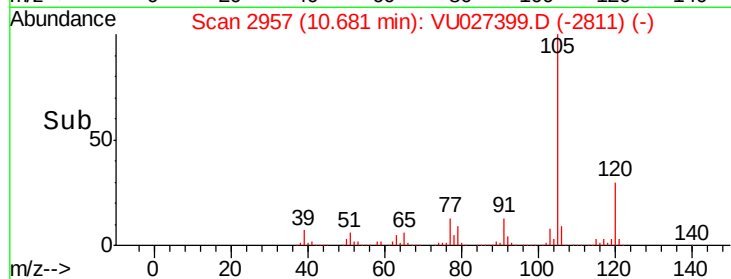
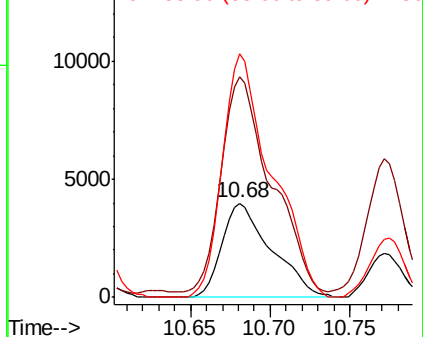
#81
trans-1,4-Dichloro-2-butene
Concen: 7.882 ug/l
RT: 10.68 min Scan# 2957
Delta R.T. 0.17 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

Tgt Ion: 75 Resp: 8417
Ion Ratio Lower Upper
75 100
53 231.2 0.0 0.0#
89 258.0 0.0 0.0#

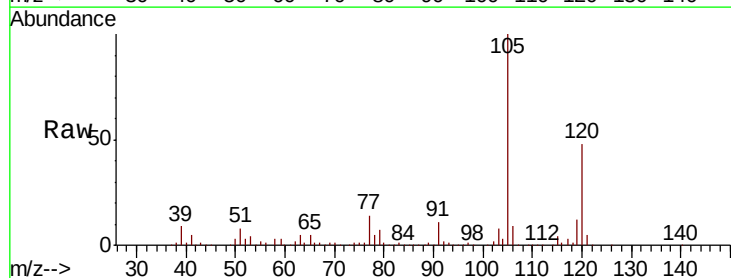


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

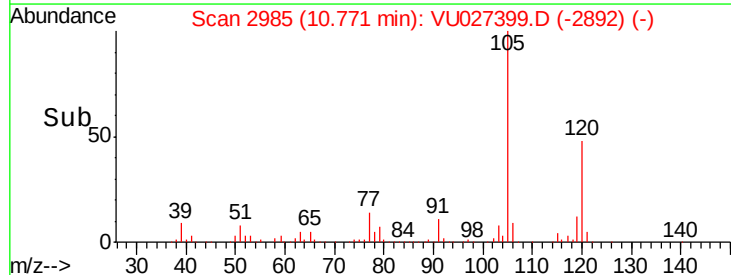
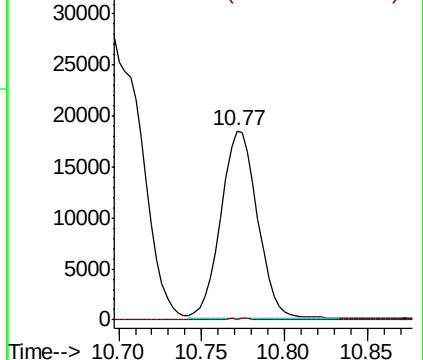


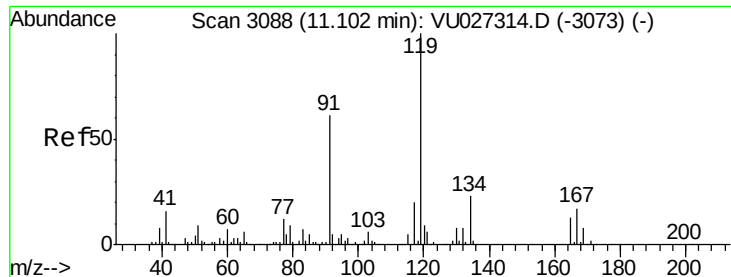
#82
4-Chlorotoluene
Concen: 4.372 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 91 Resp: 28186
Ion Ratio Lower Upper
91 100
126 0.4 13.6 40.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V

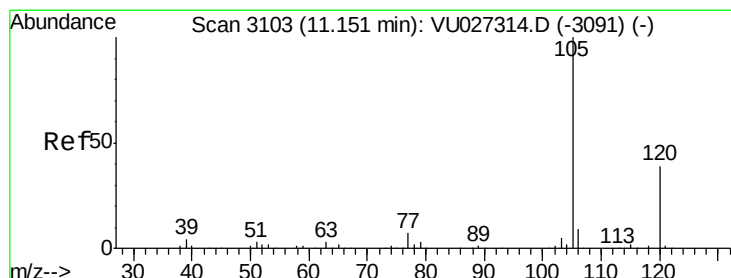
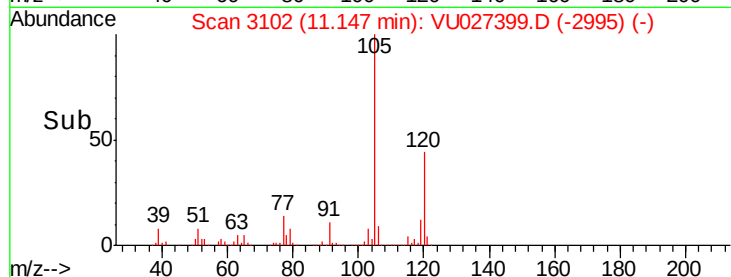
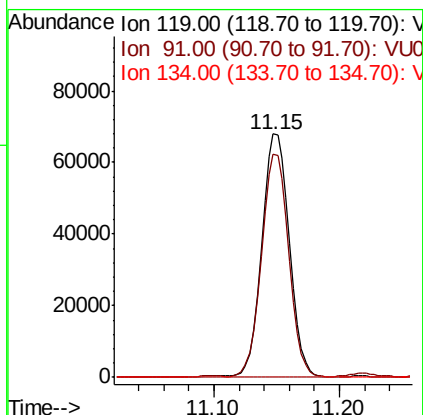
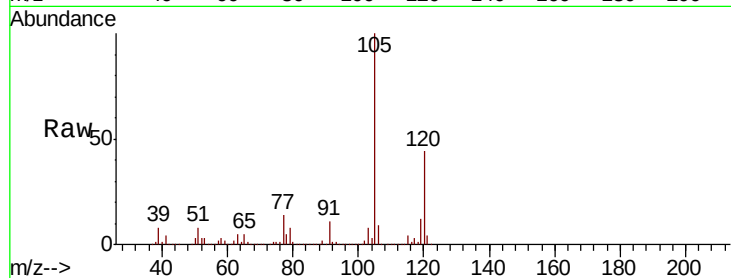




#83
tert-Butylbenzene
Concen: 16.850 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.05 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

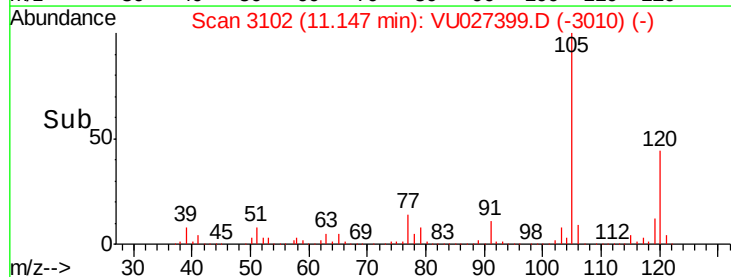
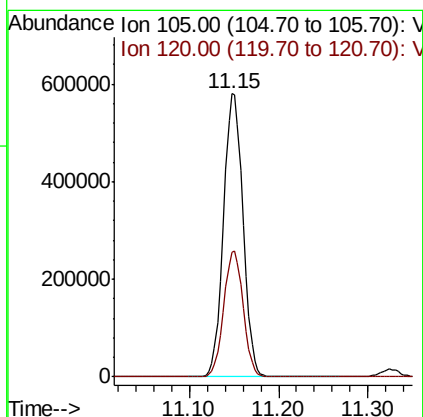
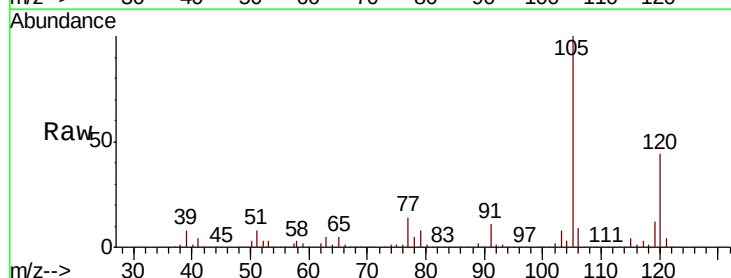
Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

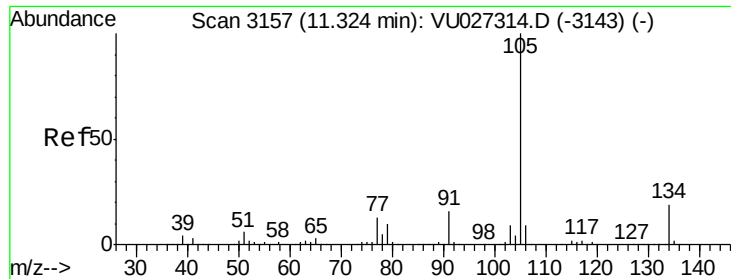
Tgt Ion:119 Resp: 103845
Ion Ratio Lower Upper
119 100
91 89.7 30.3 91.0
134 0.0 11.5 34.4#



#84
1,2,4-Trimethylbenzene
Concen: 134.740 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion:105 Resp: 877401
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.5

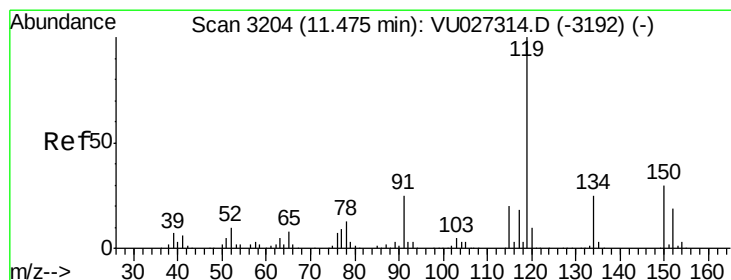
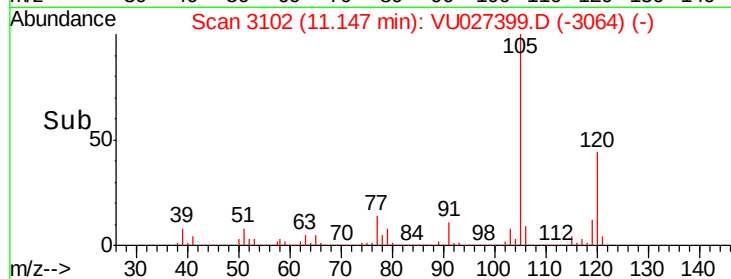
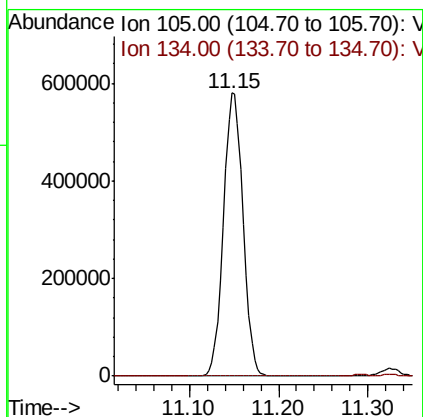
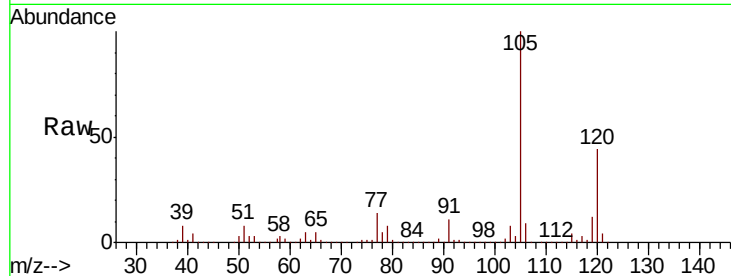




#85
 sec-Butylbenzene
 Concen: 112.996 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.18 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

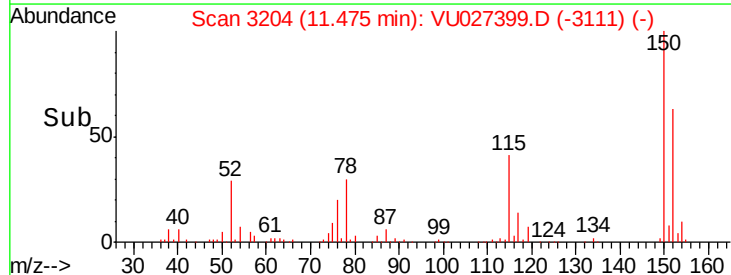
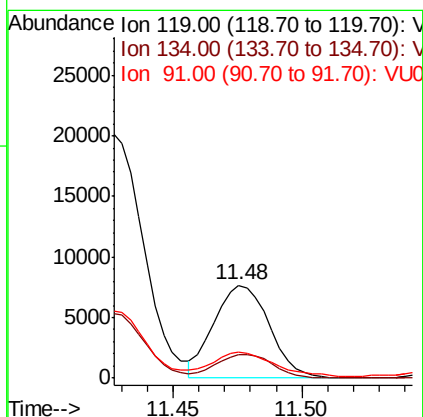
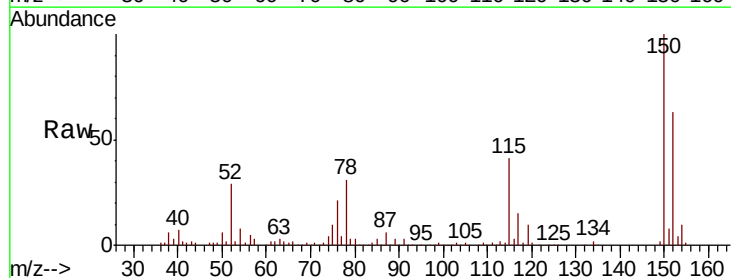
Instrument :
 MSVOA_U
 ClientSampleId :
 B-6(8-8.5)

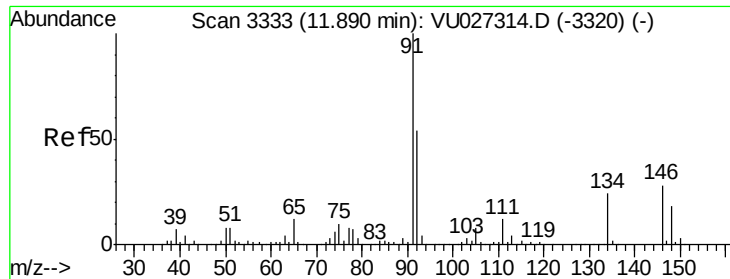
Tgt Ion:105 Resp: 877401
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 1.731 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion:119 Resp: 11505
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 31.5 12.2 36.4

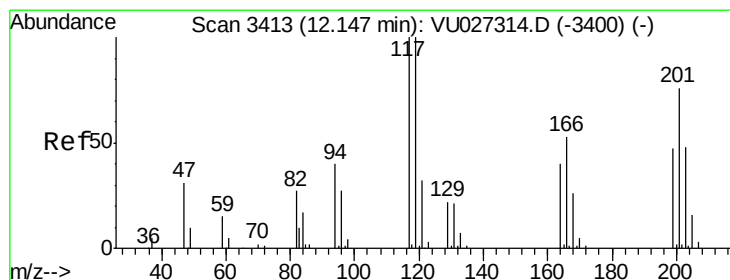
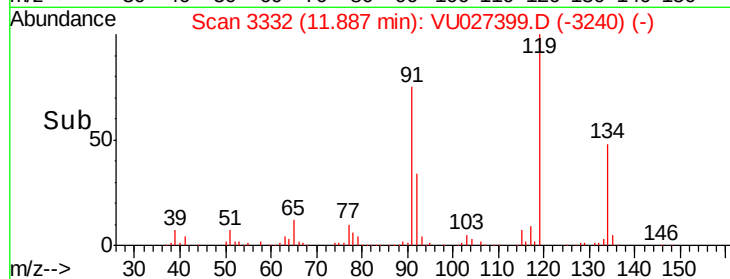
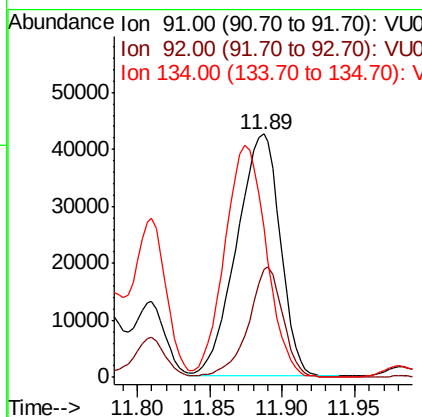
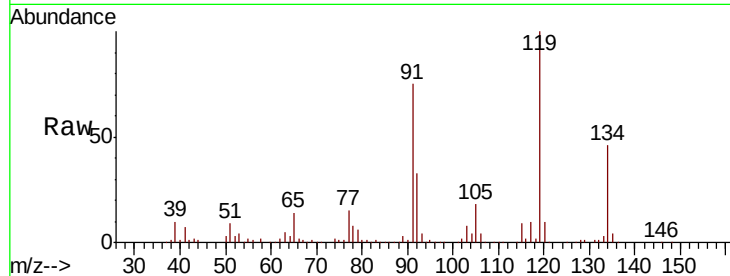




#89
n-Butylbenzene
Concen: 14.067 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

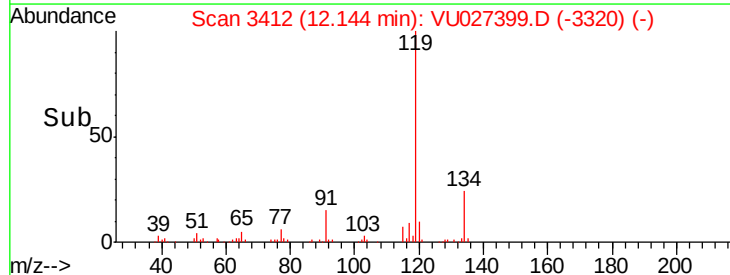
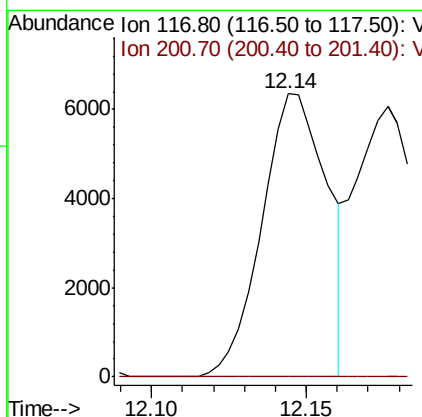
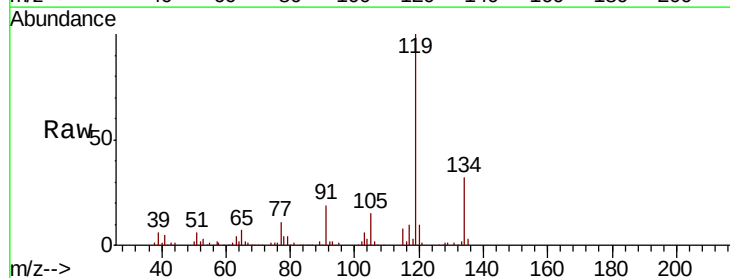
Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

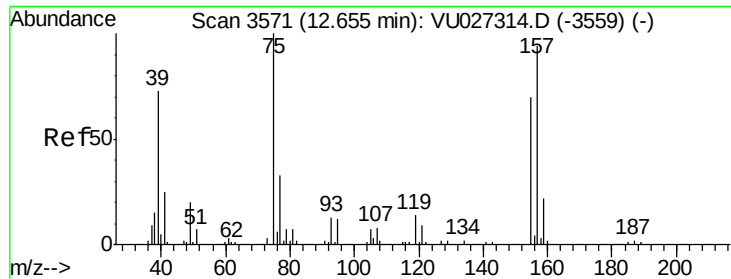
Tgt Ion: 91 Resp: 88961
Ion Ratio Lower Upper
91 100
92 36.3 27.0 81.0
134 91.3 11.7 35.1#



#90
Hexachloroethane
Concen: 7.436 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 117 Resp: 9318
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#

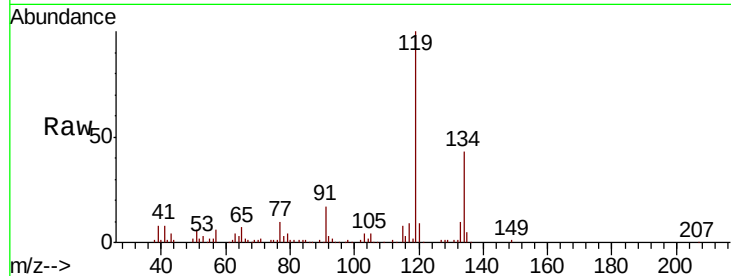




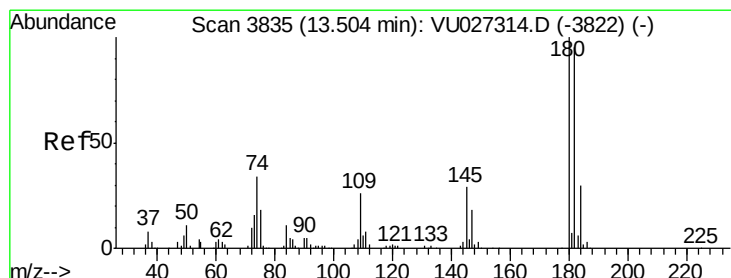
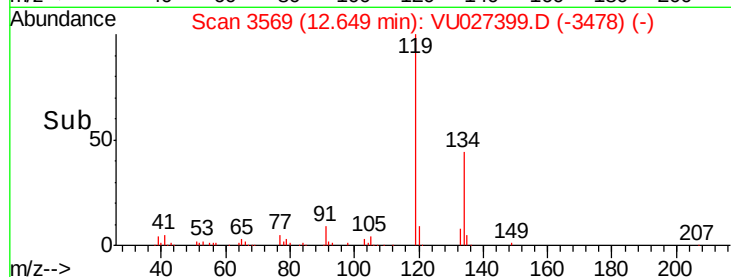
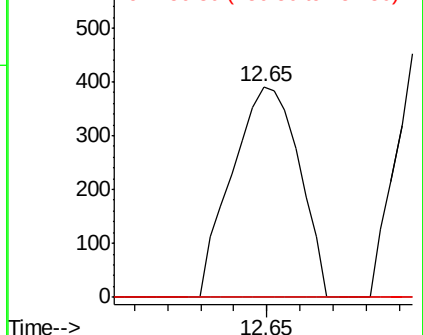
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.806 ug/l
 RT: 12.65 min Scan# 3569
 Delta R.T. -0.01 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 B-6(8-8.5)

Tgt Ion: 75 Resp: 549
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.9 107.8#
 157 0.0 46.9 140.6#

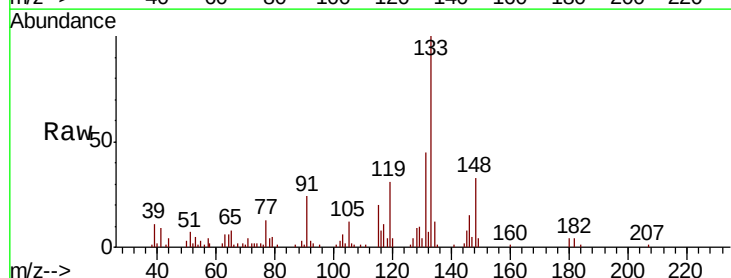


Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-3559) (-)
 Ion 154.80 (154.50 to 155.50): VU027314.D (-3559) (-)
 Ion 156.80 (156.50 to 157.50): VU027314.D (-3559) (-)

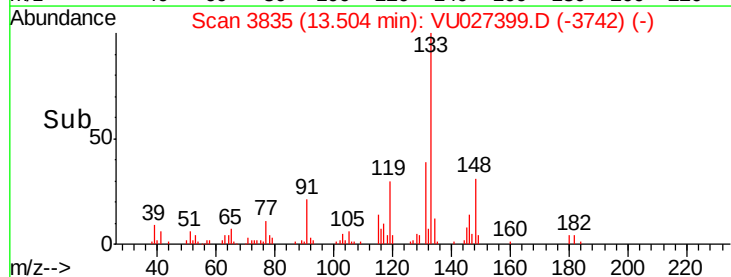
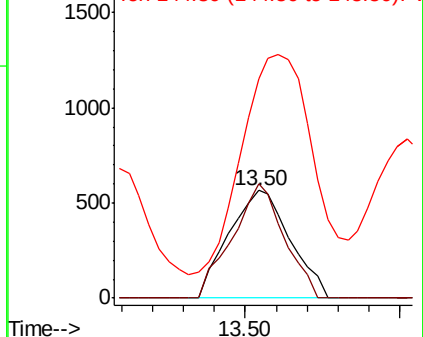


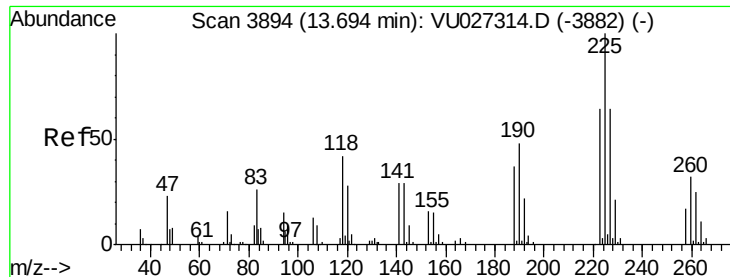
#93
 1,2,4-Trichlorobenzene
 Concen: 0.360 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion: 180 Resp: 781
 Ion Ratio Lower Upper
 180 100
 182 89.5 47.4 142.3
 145 232.4 14.6 44.0#



Abundance Ion 179.80 (179.50 to 180.50): VU027314.D (-3822) (-)
 Ion 181.80 (181.50 to 182.50): VU027314.D (-3822) (-)
 Ion 144.80 (144.50 to 145.50): VU027314.D (-3822) (-)





#94

Hexachlorobutadiene

Concen: 0.223 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

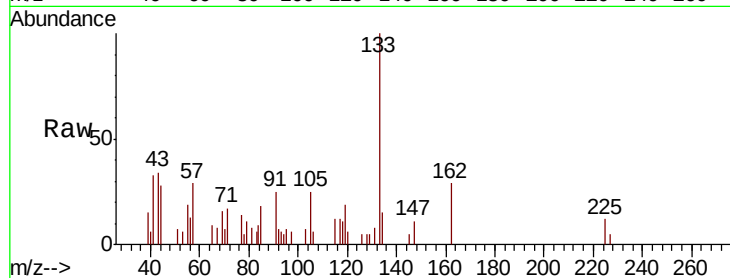
Tgt Ion:225 Resp: 244

Ion Ratio Lower Upper

225 100

223 7.8 31.8 95.3#

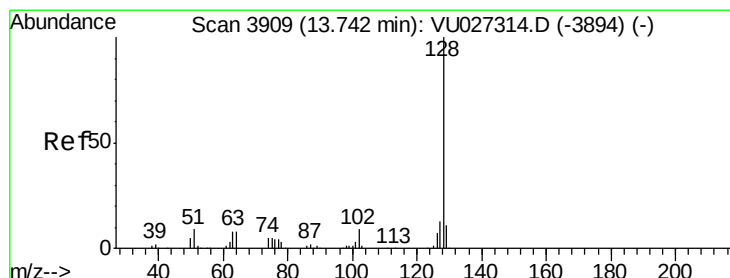
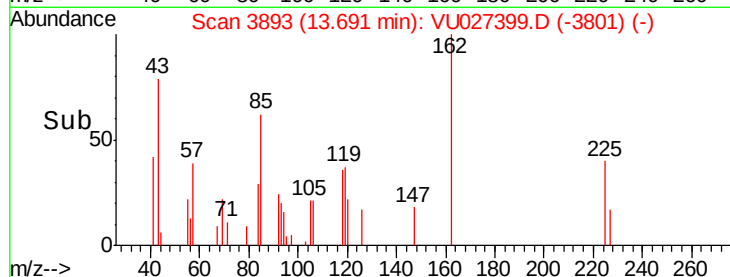
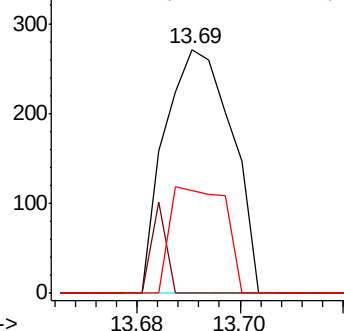
227 35.7 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 20.882 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

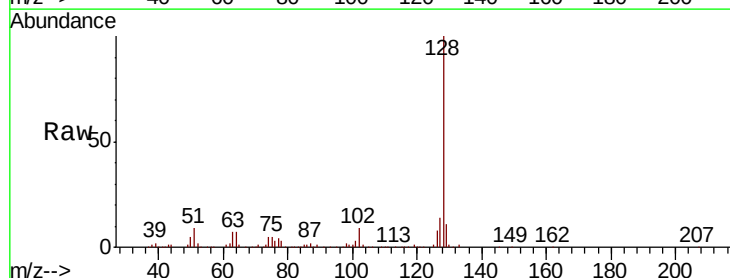
Tgt Ion:128 Resp: 162055

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

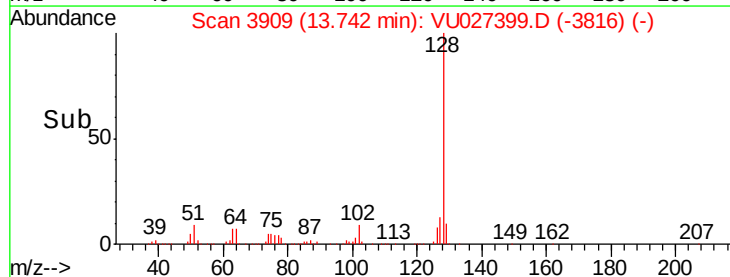
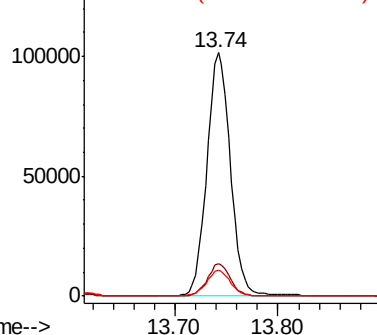
129 11.3 8.6 12.8

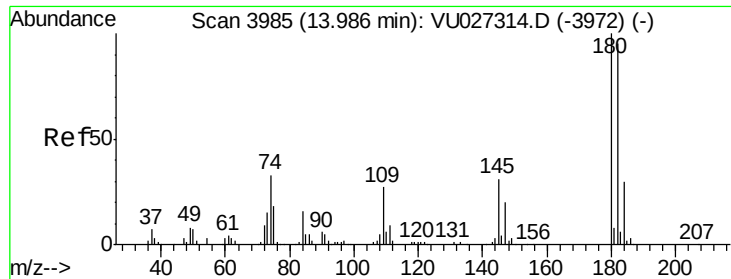


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.215 ug/l
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 B-6(8-8.5)

Tgt Ion:180 Resp: 486
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.4 142.2
 145 0.0 15.9 47.7#

