

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025706.D
 Acq On : 28 Jul 2018 06:32
 Operator : MD/SY
 Sample : J4208-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0513

Quant Time: Jul 30 00:41:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	181108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	279355	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	280325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	182641	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	137811	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	4.89	113	116819	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	7.57	98	424375	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	10.31	95	164728	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds						Qvalue
11) Tert butyl alcohol	2.82	59	142	0.23	ug/l #	73
13) Acrolein	2.31	56	1012	2.51	ug/l #	56
14) Allyl chloride	2.71	41	6286	1.80	ug/l #	50
15) Acrylonitrile	3.00	53	943	0.76	ug/l #	34
16) Acetone	2.32	43	7434	5.40	ug/l	93
18) Methyl Acetate	2.71	43	13430	4.06	ug/l #	52
23) Vinyl Acetate	3.31	43	5696	0.95	ug/l #	61
25) 2-Butanone	4.29	43	617	0.33	ug/l #	49
31) Cyclohexane	5.00	56	52196	13.53	ug/l	97
36) 1,1-Dichloropropene	4.99	75	13260	4.06	ug/l #	55
38) Carbon Tetrachloride	4.99	117	17620	4.77	ug/l #	16
39) Methylcyclohexane	6.42	83	75235	20.11	ug/l	95
40) Benzene	5.39	78	3356	0.35	ug/l #	86
41) Methacrylonitrile	4.74	41	1312	0.70	ug/l #	40
43) Isopropyl Acetate	5.54	43	16929	3.03	ug/l #	61
45) 1,2-Dichloropropane	6.43	63	807	0.32	ug/l #	1
48) Methyl methacrylate	6.64	41	4960	1.81	ug/l #	57
55) 1,1,2-Trichloroethane	8.05	97	18747	7.61	ug/l #	18
56) Ethyl methacrylate	8.05	69	4145	1.18	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.06	63	63	7.11	ug/l #	47
59) 2-Hexanone	8.17	43	2203	0.80	ug/l	77
67) Ethyl Benzene	9.25	91	691486	57.76	ug/l	100
68) m/p-Xylenes	9.38	106	695882	151.40	ug/l	99
69) o-Xylene	9.78	106	5325	1.19	ug/l	93
73) Isopropylbenzene	10.17	105	133016	10.67	ug/l	100
76) 1,2,3-Trichloropropane	10.31	75	85340	21.21	ug/l #	34
78) n-propylbenzene	10.59	91	187496	12.89	ug/l	100
79) 2-Chlorotoluene	10.68	91	112373	13.19	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.78	105	536805	50.71	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.31	75	85340	53.18	ug/l #	100
82) 4-Chlorotoluene	10.78	91	57664	5.74	ug/l #	44
83) tert-Butylbenzene	11.10	119	5956	0.57	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	1141309	106.38	ug/l	98
85) sec-Butylbenzene	11.15	105	1141309	88.87	ug/l #	56

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025706.D
Acq On : 28 Jul 2018 06:32
Operator : MD/SY
Sample : J4208-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0513

Quant Time: Jul 30 00:41:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration

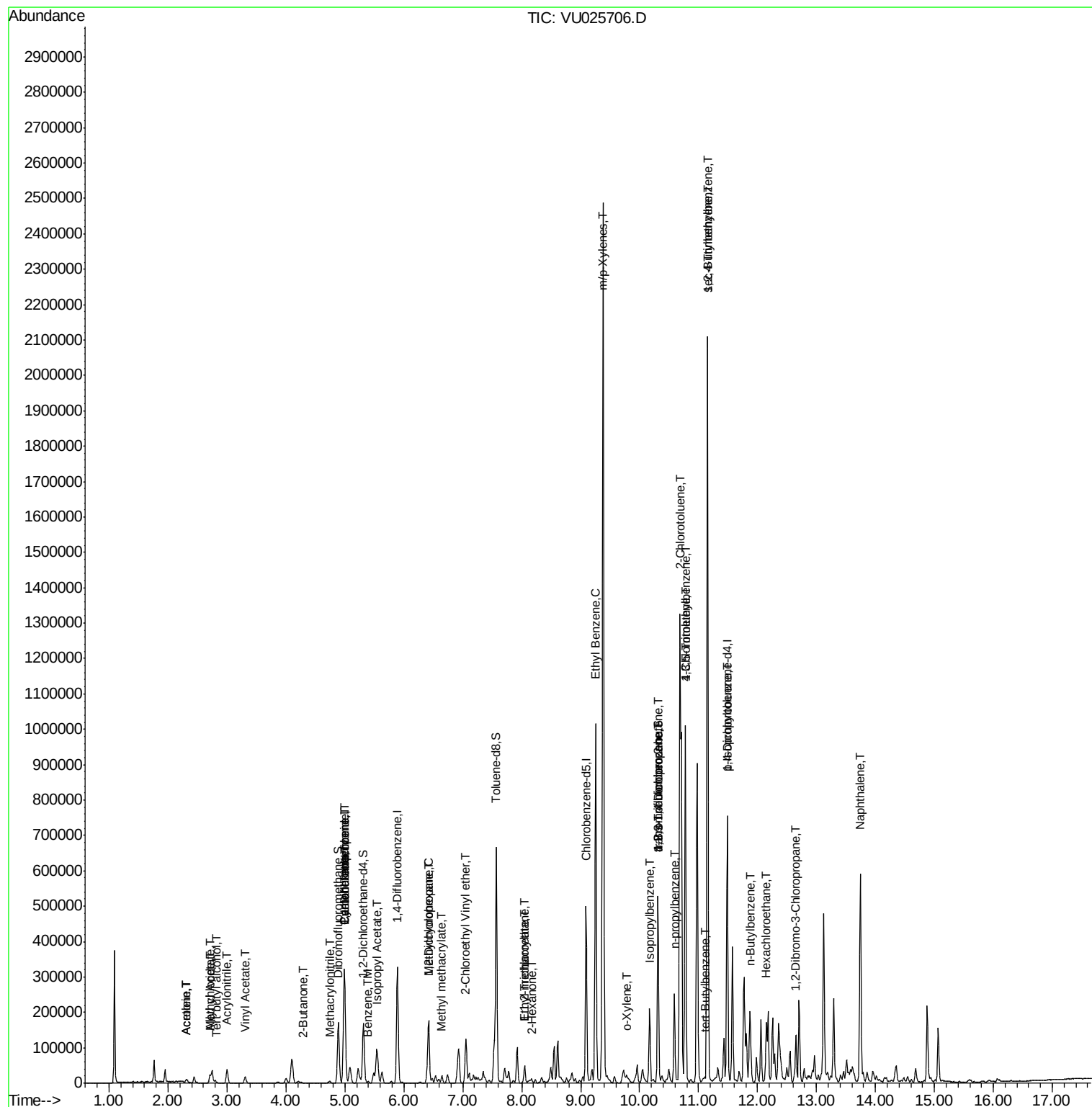
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	11.48	119	42310	3.68	ug/l	99
89) n-Butylbenzene	11.88	91	28457	2.68	ug/l #	1
90) Hexachloroethane	12.15	117	8575	4.19	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.65	75	534	0.52	ug/l #	1
95) Naphthalene	13.74	128	455271	33.98	ug/l	98

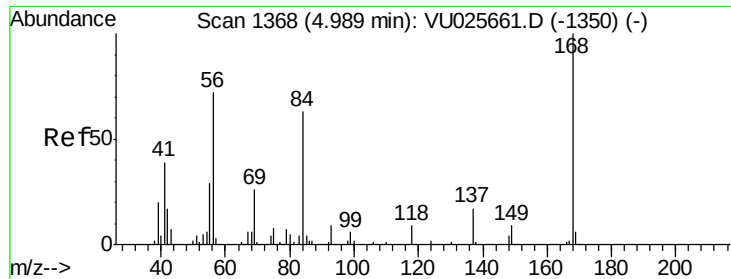
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025706.D
Acq On : 28 Jul 2018 06:32
Operator : MD/SY
Sample : J4208-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0513

Quant Time: Jul 30 00:41:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

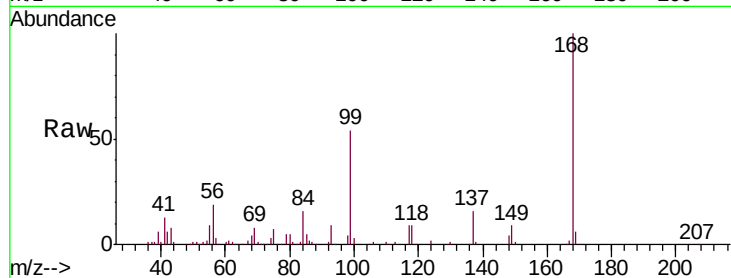
FL-0513

Tot Ion:168 Resp: 181108

Ion Ratio Lower Upper

168 100

99 54.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)

4.99

80000

60000

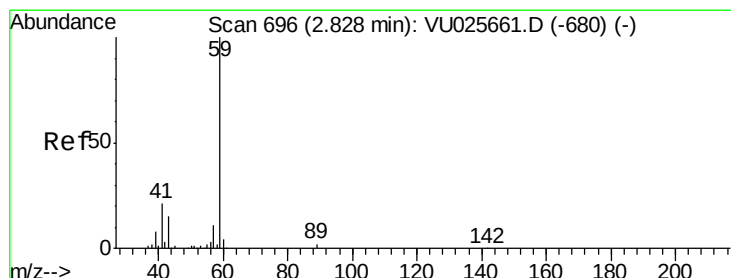
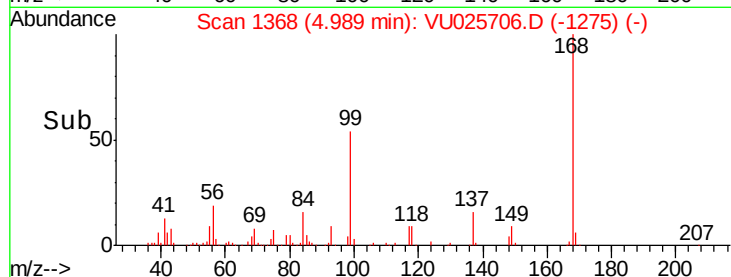
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#11

Tert butyl alcohol

Concen: 0.23 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025706.D

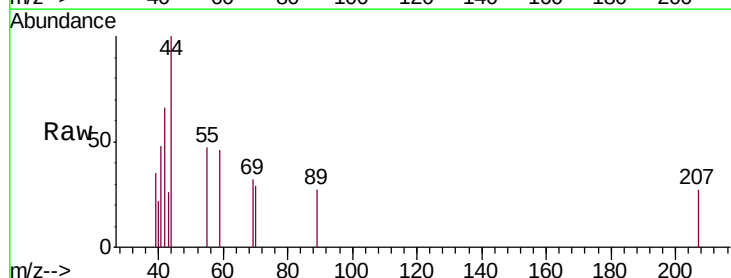
Acq: 28 Jul 2018 06:32

Tgt Ion: 59 Resp: 142

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU025661.D (-680) (-)

Ion 57.00 (56.70 to 57.70): VU025661.D (-680) (-)

2.82

250

200

150

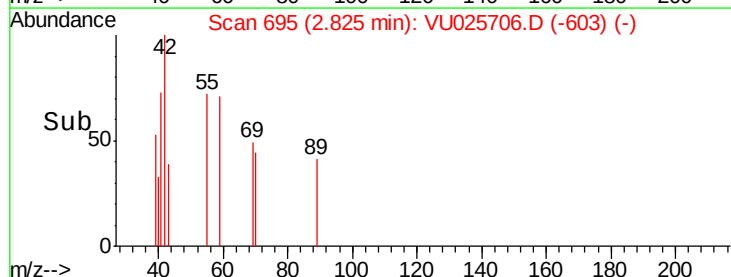
100

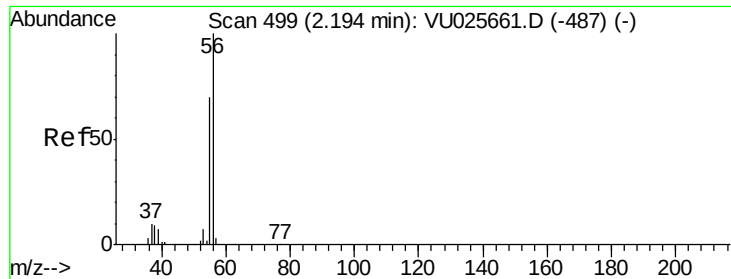
50

0

2.81 2.82 2.83

Time-->





#13

Acrolein

Concen: 2.51 ug/l

RT: 2.31 min Scan# 534

Delta R.T. 0.11 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampled :

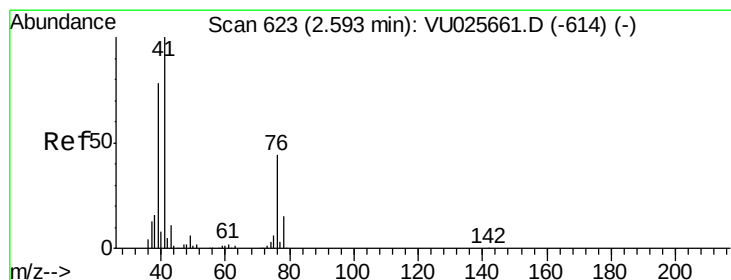
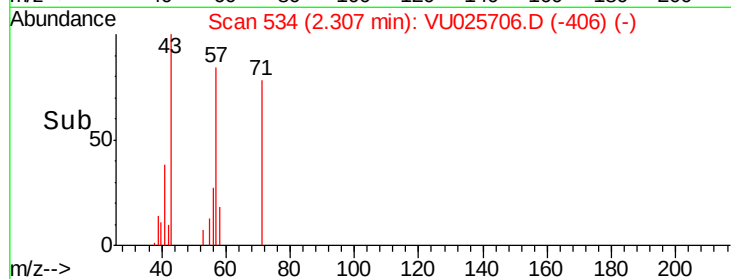
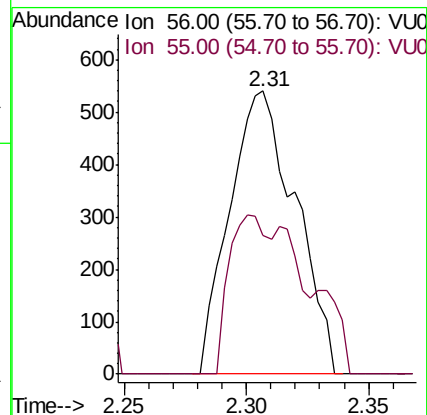
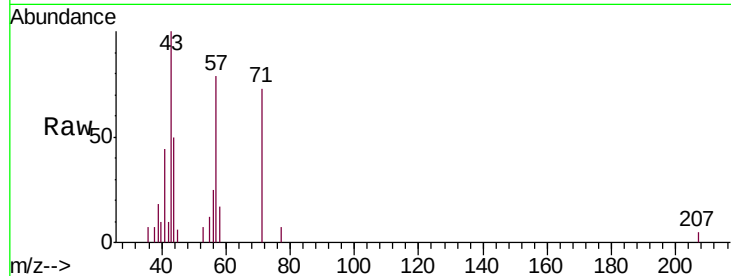
FL-0513

Tot Ion: 56 Resp: 1012

Ion Ratio Lower Upper

56 100

55 34.8 57.2 85.8#



#14

Allyl chloride

Concen: 1.80 ug/l

RT: 2.71 min Scan# 660

Delta R.T. 0.12 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

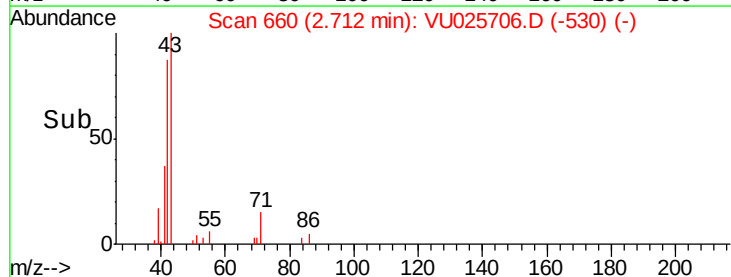
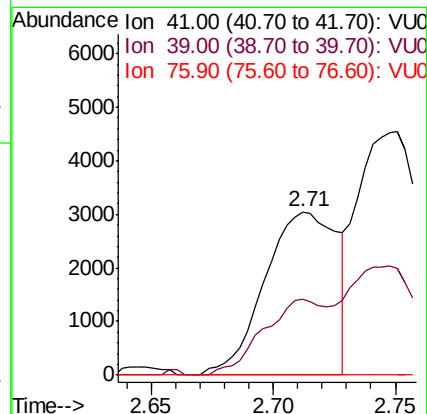
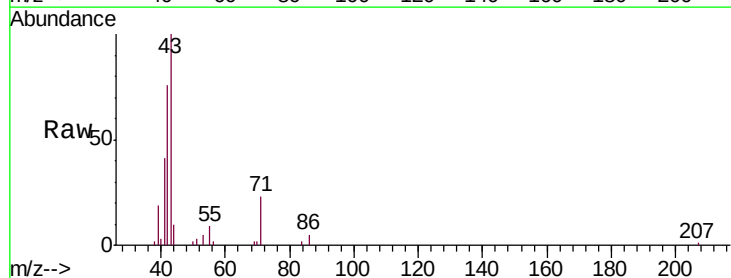
Tgt Ion: 41 Resp: 6286

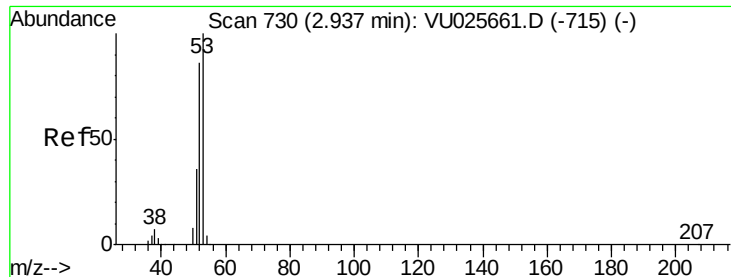
Ion Ratio Lower Upper

41 100

39 39.2 60.6 91.0#

76 0.0 30.5 45.7#





#15

Acrylonitrile

Concen: 0.76 ug/l

RT: 3.00 min Scan# 750

Delta R.T. 0.06 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

FL-0513

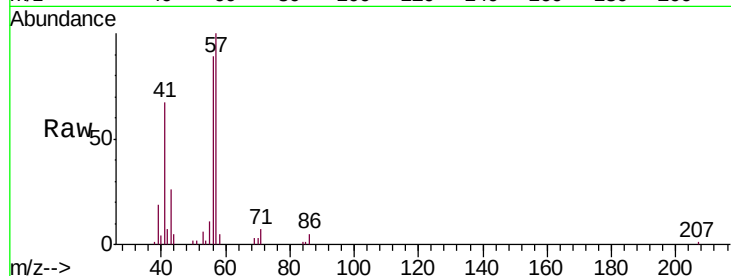
Tot Ion: 53 Resp: 943

Ion Ratio Lower Upper

53 100

52 4.3 66.6 99.8#

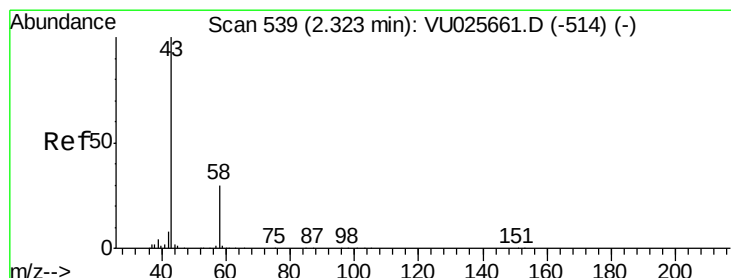
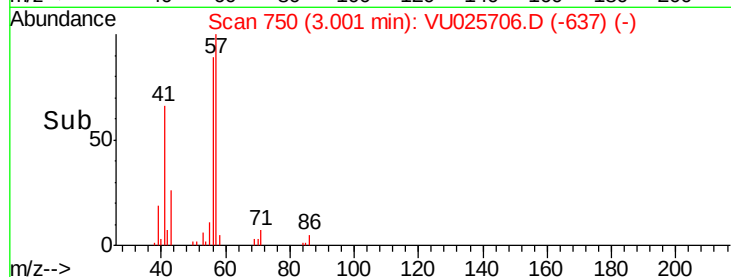
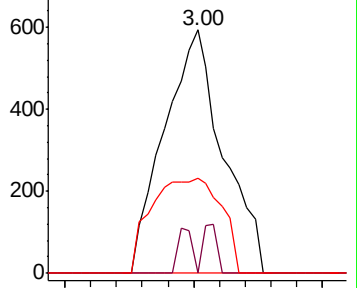
51 46.2 29.4 44.2#



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 5.40 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025706.D

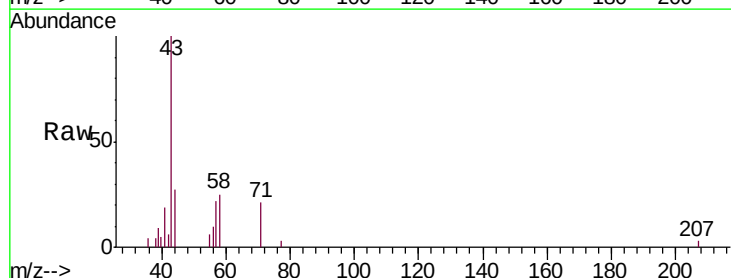
Acq: 28 Jul 2018 06:32

Tgt Ion: 43 Resp: 7434

Ion Ratio Lower Upper

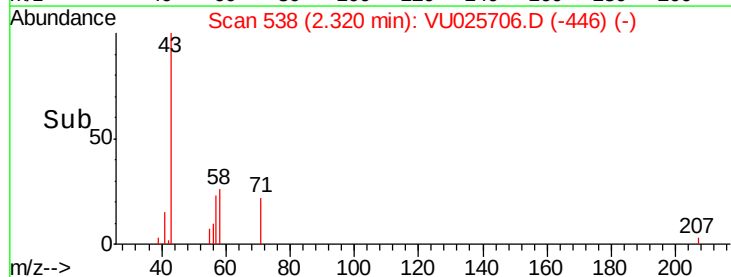
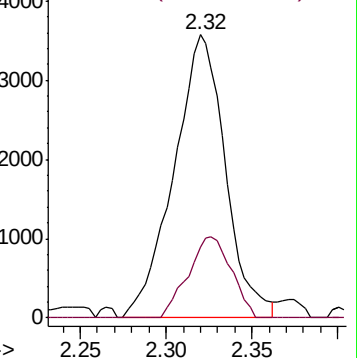
43 100

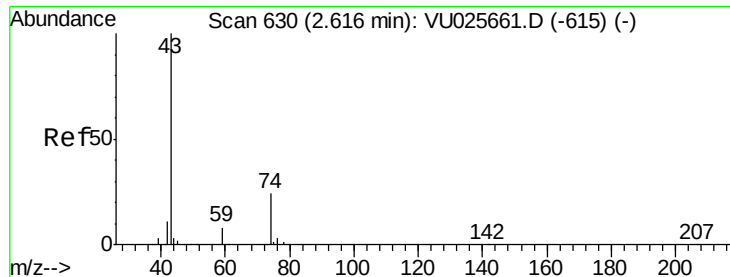
58 25.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

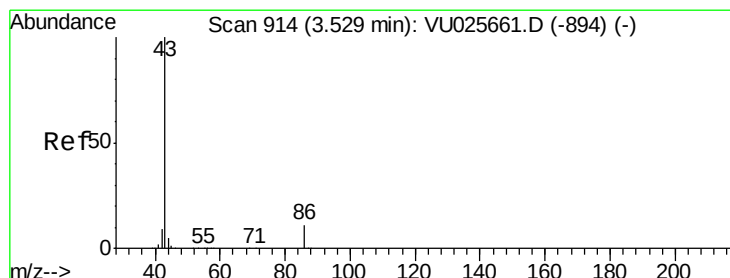
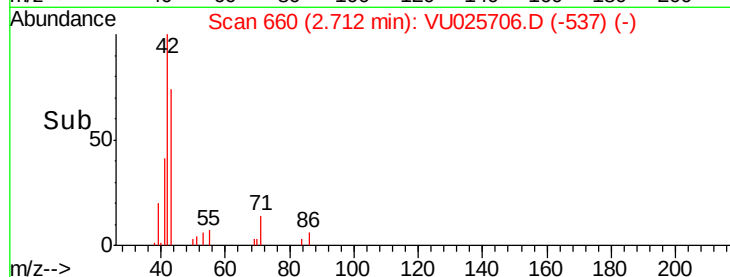
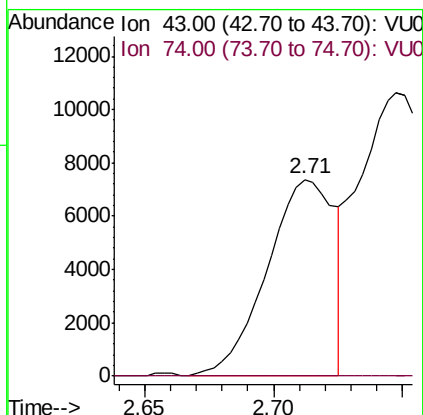
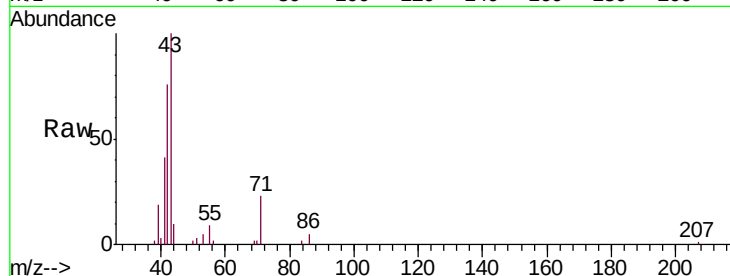




#18
Methvl Acetate
Concen: 4.06 ug/l
RT: 2.71 min Scan# 660
Delta R.T. 0.10 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

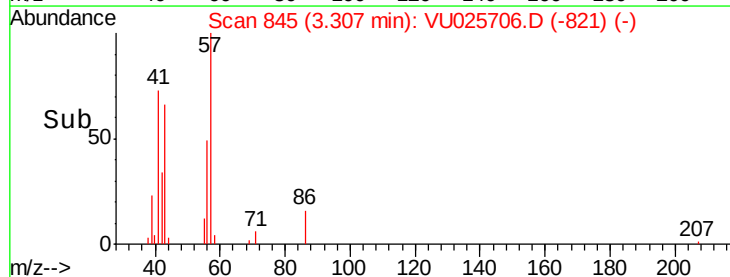
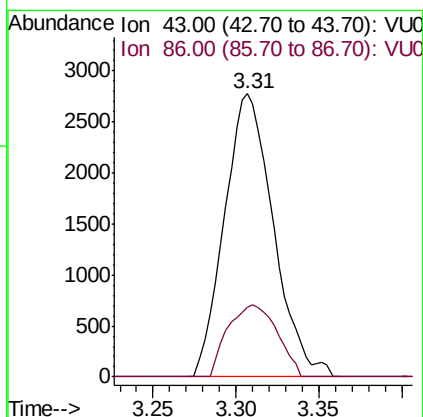
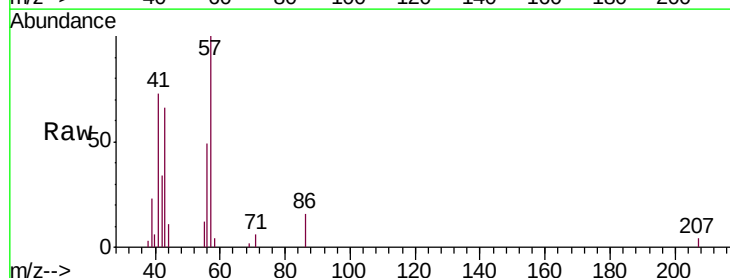
Instrument :
MSVOA_U
ClientSampleId :
FL-0513

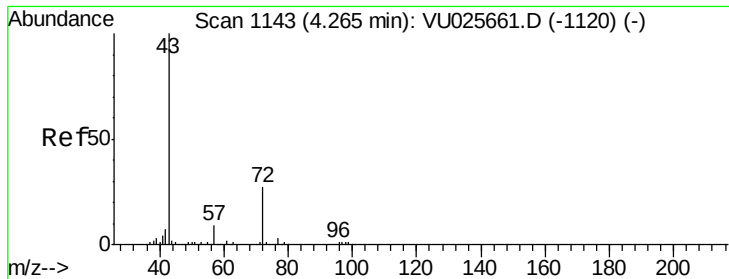
Tot Ion: 43 Resp: 13430
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#23
Vinyl Acetate
Concen: 0.95 ug/l
RT: 3.31 min Scan# 845
Delta R.T. -0.22 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

Tgt Ion: 43 Resp: 5696
Ion Ratio Lower Upper
43 100
86 24.6 8.2 12.2#

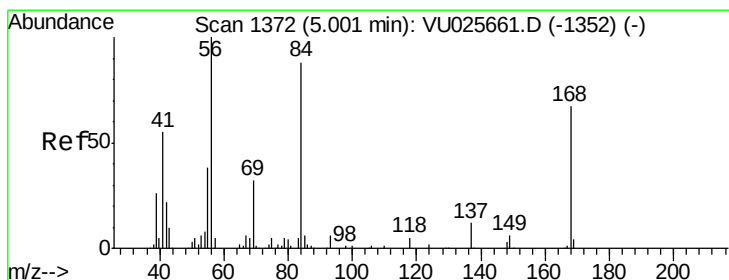
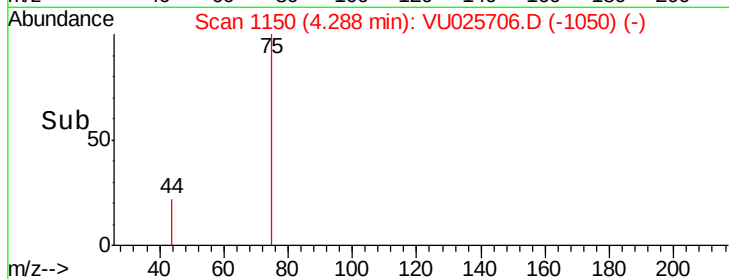
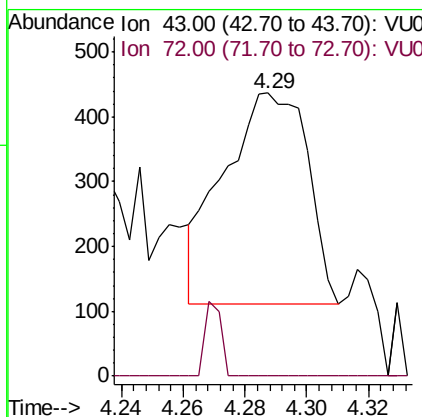
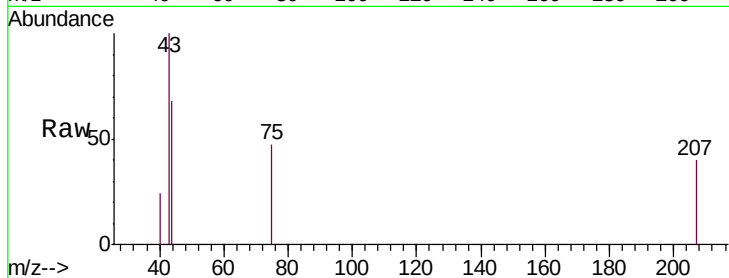




#25
2-Butanone
Concen: 0.33 ug/l
RT: 4.29 min Scan# 1150
Delta R.T. 0.02 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

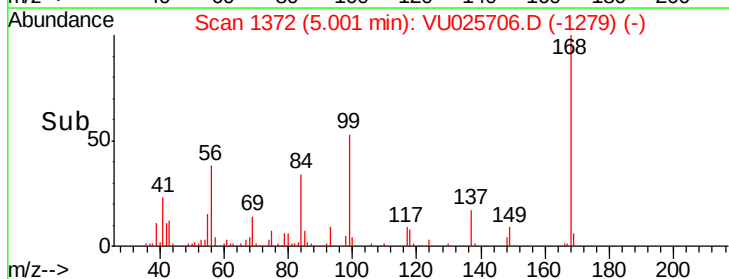
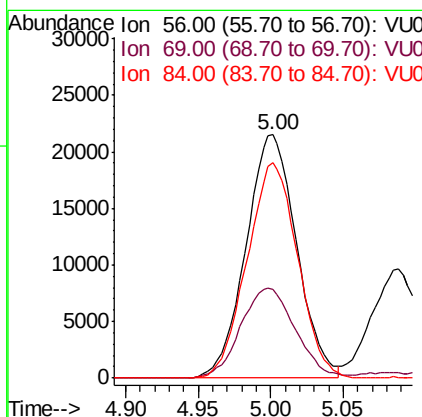
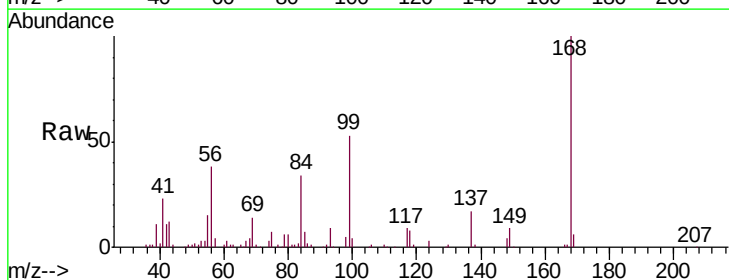
Instrument :
MSVOA_U
ClientSampled :
FL-0513

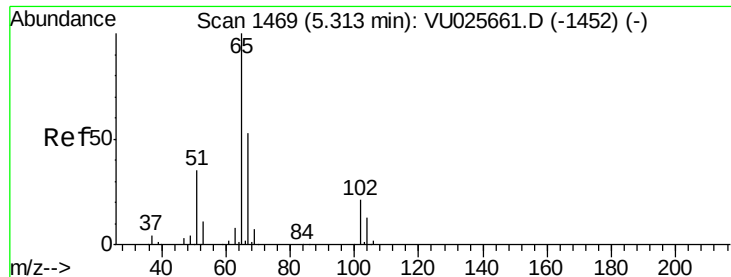
Tot Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 13.53 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

Tgt Ion: 56 Resp: 52196
Ion Ratio Lower Upper
56 100
69 36.3 26.8 40.2
84 88.6 69.7 104.5

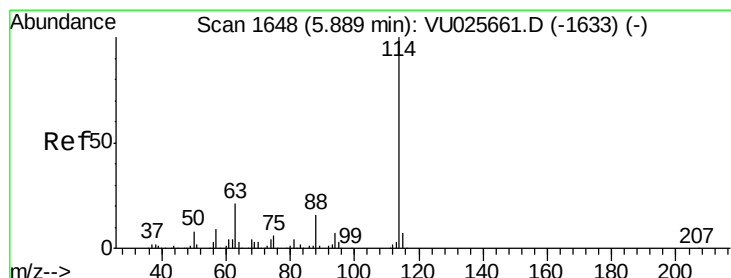
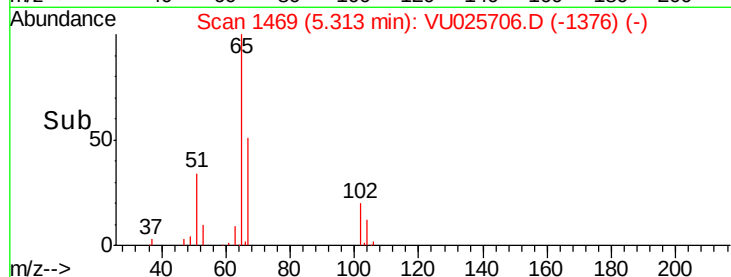
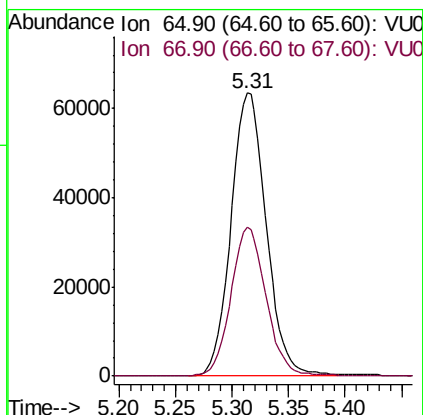
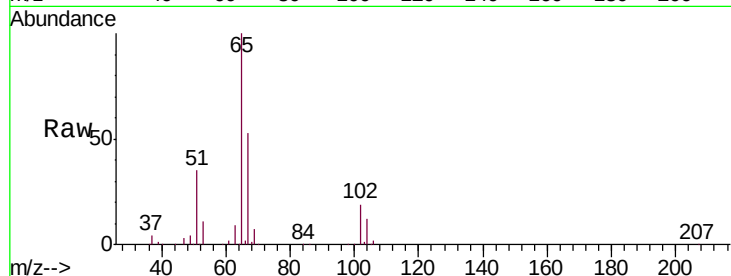




#33
 1,2-Dichloroethane-d4
 Concen: 48.84 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025706.D
 Acq: 28 Jul 2018 06:32

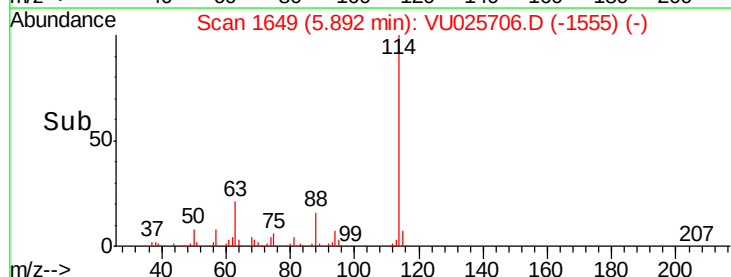
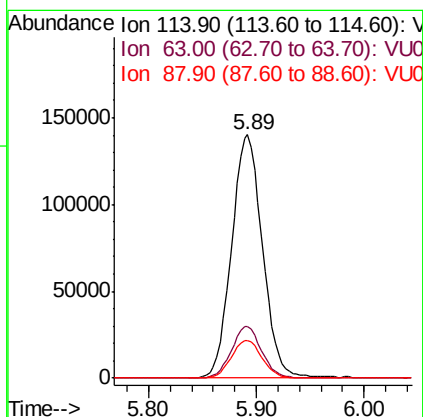
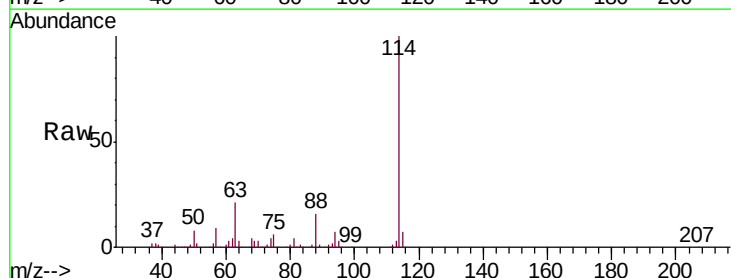
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0513

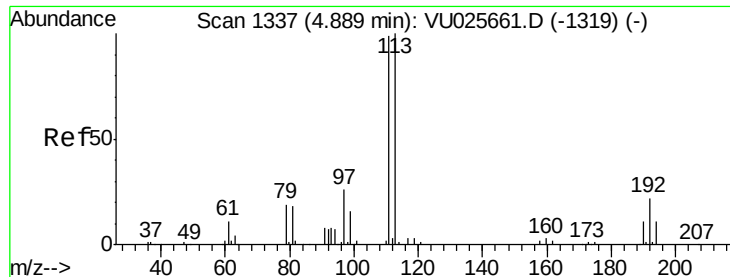
Tot Ion: 65 Resp: 137811
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025706.D
 Acq: 28 Jul 2018 06:32

Tgt Ion: 114 Resp: 279355
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.6
 88 15.6 0.0 32.4

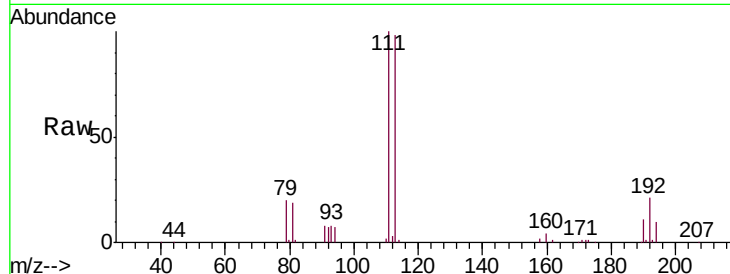




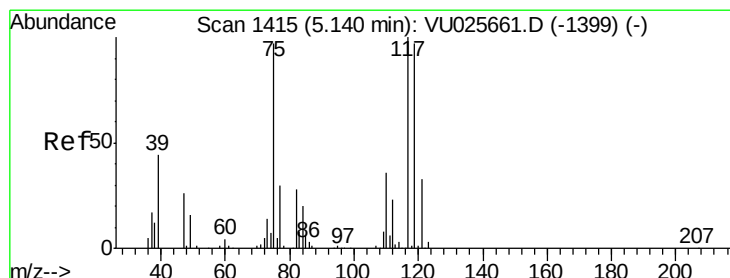
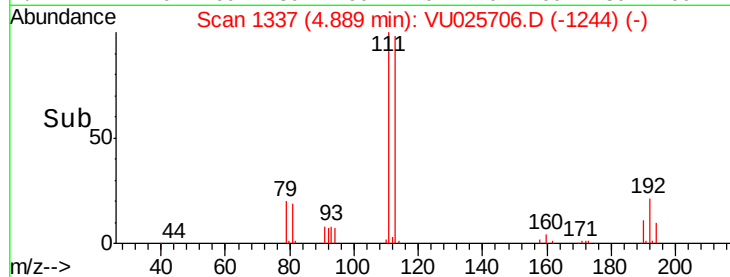
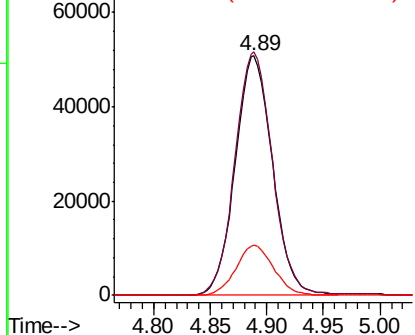
#35
 Dibromofluoromethane
 Concen: 48.08 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025706.D
 Acq: 28 Jul 2018 06:32

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0513

Tot Ion:113 Resp: 116819
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 21.0 17.1 25.7

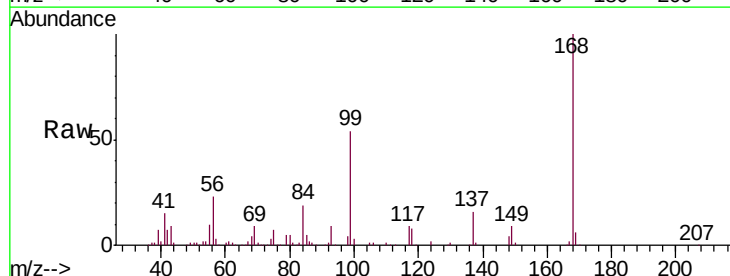


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

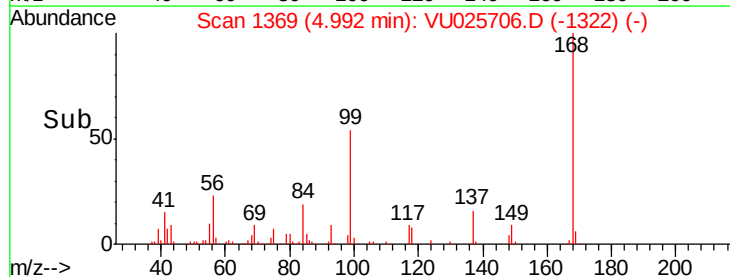
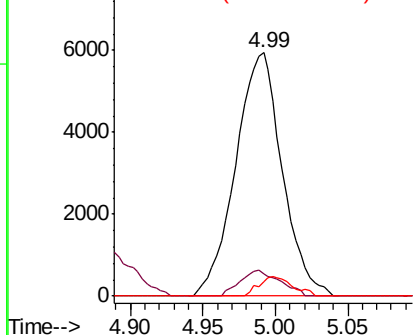


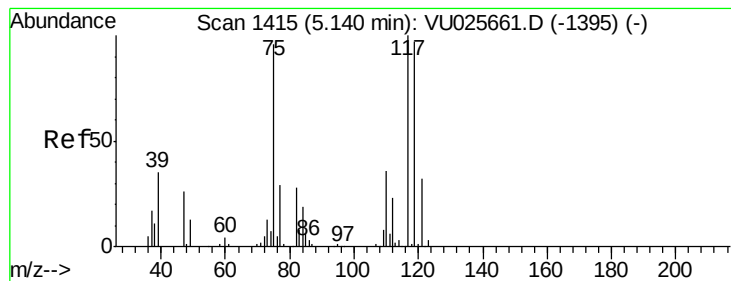
#36
 1,1-Dichloropropene
 Concen: 4.06 ug/l
 RT: 4.99 min Scan# 1369
 Delta R.T. -0.15 min
 Lab File: VU025706.D
 Acq: 28 Jul 2018 06:32

Tgt Ion: 75 Resp: 13260
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.6 52.9#
 77 5.8 24.4 36.6#



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





#38

Carbon Tetrachloride

Concen: 4.77 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampled :

FL-0513

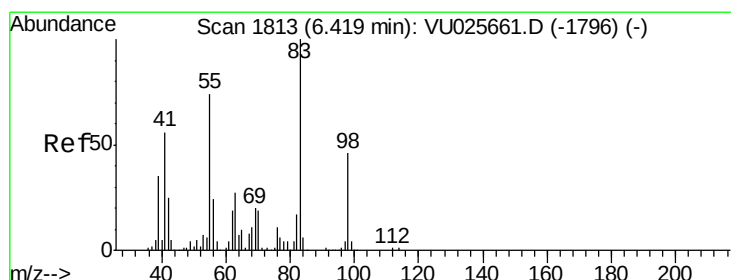
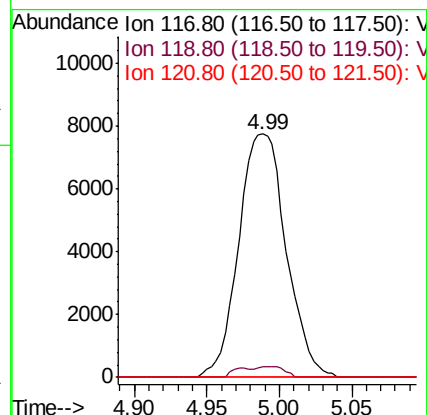
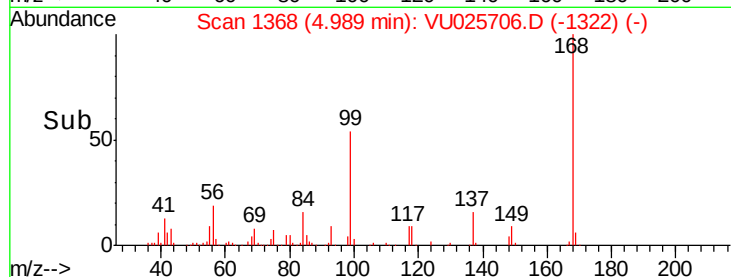
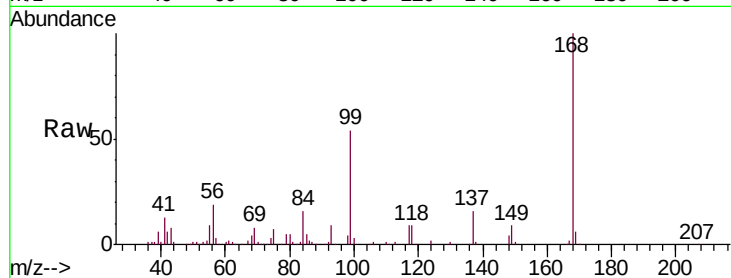
Tot Ion:117 Resp: 17620

Ion Ratio Lower Upper

117 100

119 4.4 75.7 113.5#

121 0.0 24.6 36.8#



#39

Methylcyclohexane

Concen: 20.11 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

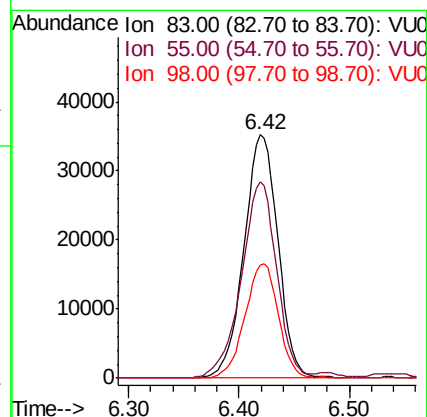
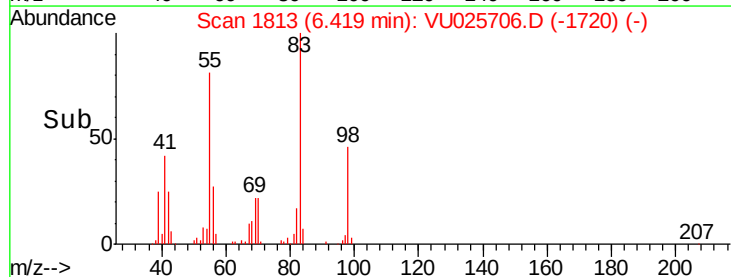
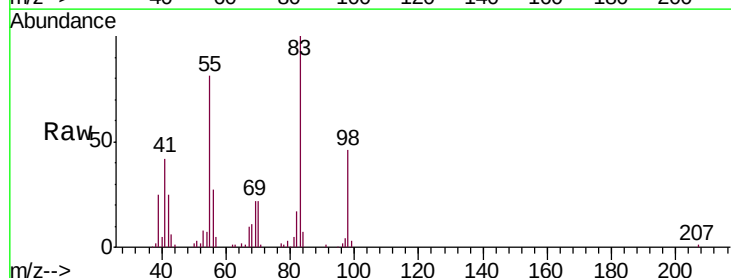
Tgt Ion: 83 Resp: 75235

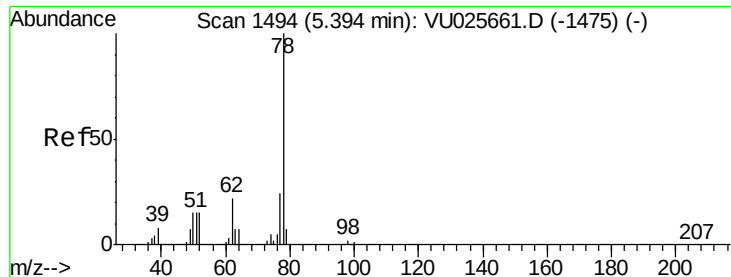
Ion Ratio Lower Upper

83 100

55 80.6 60.0 90.0

98 46.3 36.1 54.1





#40

Benzene

Concen: 0.35 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

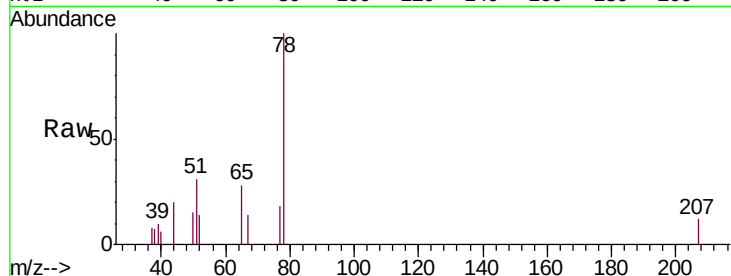
FL-0513

Tot Ion: 78 Resp: 3356

Ion Ratio Lower Upper

78 100

77 17.7 19.8 29.6#



Abundance Ion 78.00 (77.70 to 78.70): VU025661.D (-1475) (-)

Ion 77.00 (76.70 to 77.70): VU025661.D (-1475) (-)

5.39

1500

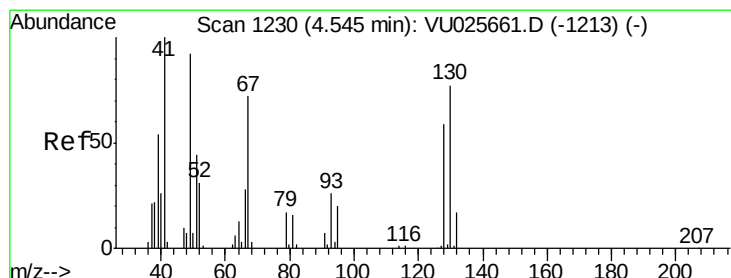
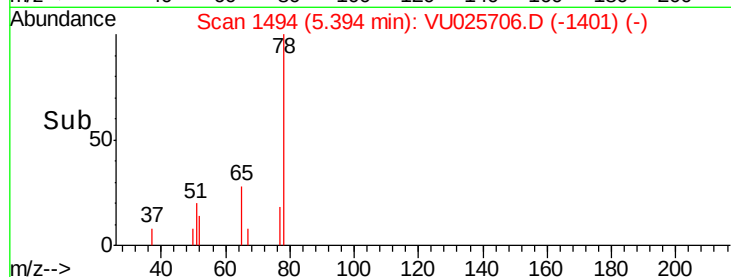
1000

500

0

5.35 5.40 5.45

Time-->



#41

Methacrylonitrile

Concen: 0.70 ug/l

RT: 4.74 min Scan# 1291

Delta R.T. 0.20 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Tgt Ion: 41 Resp: 1312

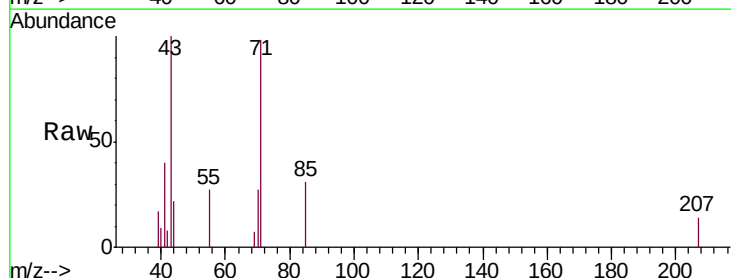
Ion Ratio Lower Upper

41 100

39 32.9 44.4 66.6#

67 0.0 56.0 84.0#

52 0.0 24.6 36.8#



Abundance Ion 41.00 (40.70 to 41.70): VU025661.D (-1213) (-)

Ion 39.00 (38.70 to 39.70): VU025661.D (-1213) (-)

Ion 67.00 (66.70 to 67.70): VU025661.D (-1213) (-)

Ion 52.00 (51.70 to 52.70): VU025661.D (-1213) (-)

800

600

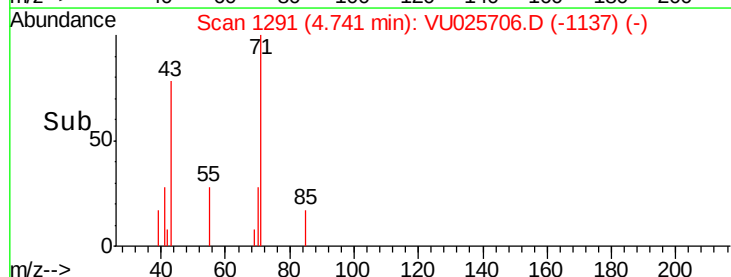
400

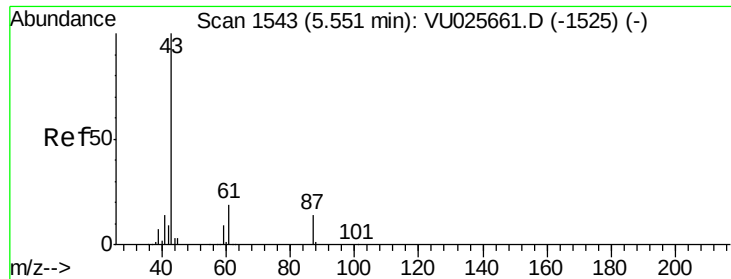
200

0

4.70 4.75 4.80

Time-->





#43

Isopropyl Acetate

Concen: 3.03 ug/l

RT: 5.54 min Scan# 1540

Delta R.T. -0.01 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

FL-0513

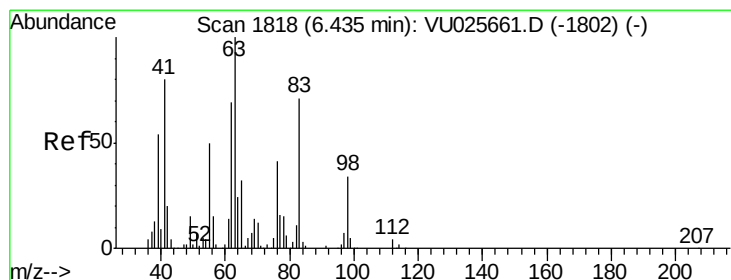
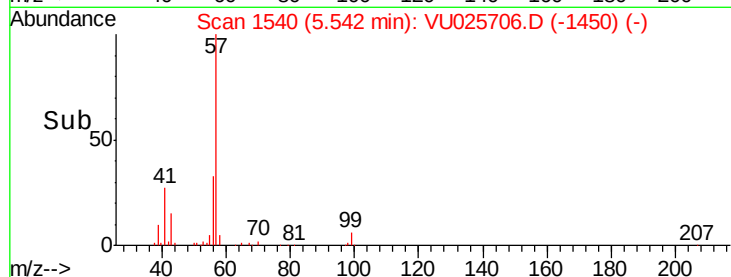
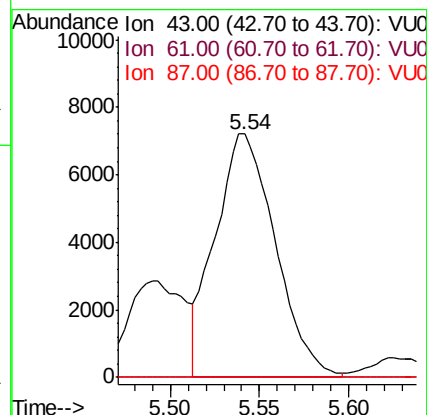
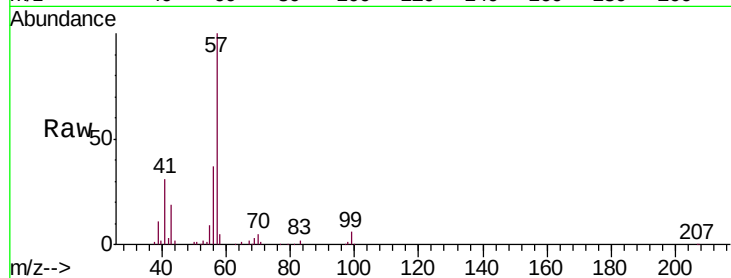
Tot Ion: 43 Resp: 16929

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

87 0.0 10.6 16.0#



#45

1,2-Dichloropropane

Concen: 0.32 ug/l

RT: 6.43 min Scan# 1815

Delta R.T. -0.01 min

Lab File: VU025706.D

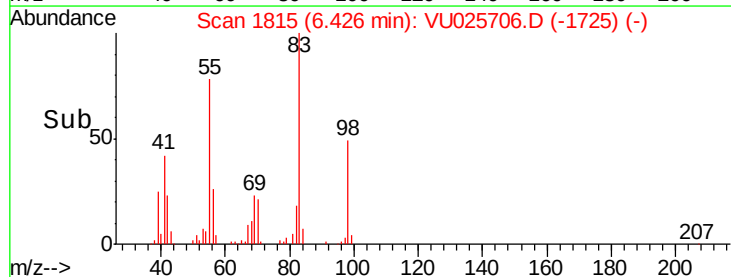
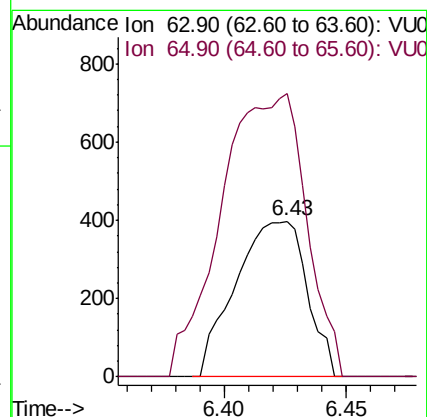
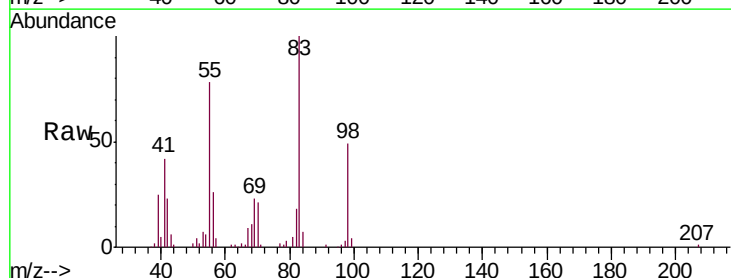
Acq: 28 Jul 2018 06:32

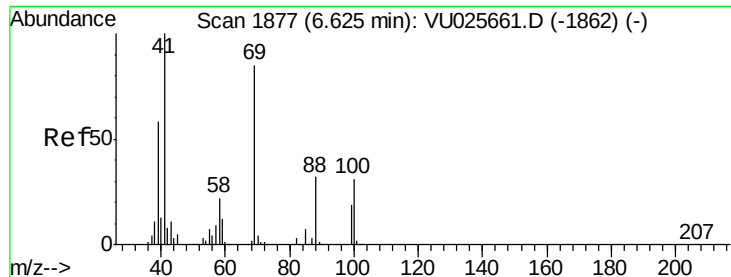
Tgt Ion: 63 Resp: 807

Ion Ratio Lower Upper

63 100

65 182.1 26.1 39.1#

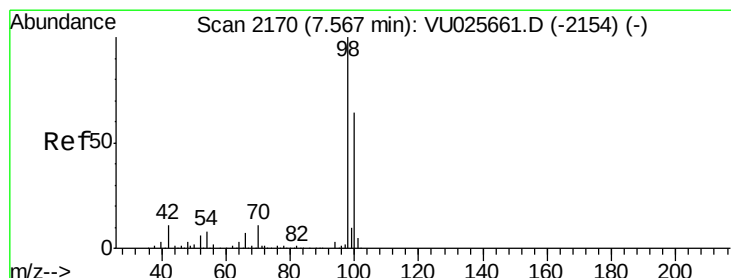
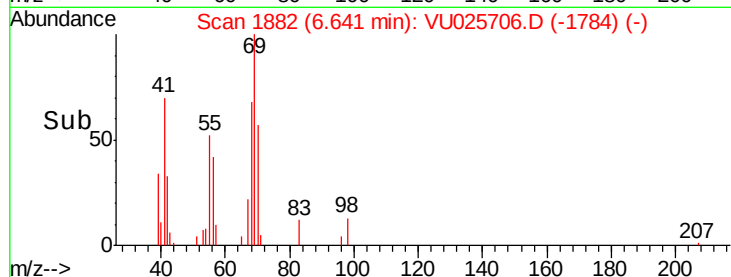
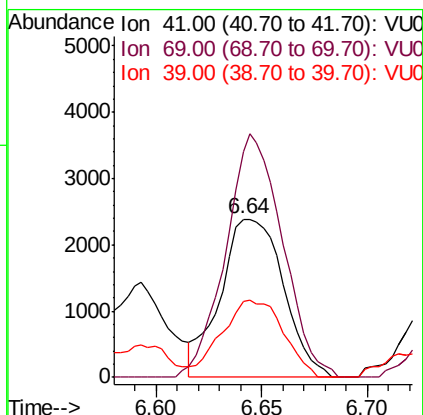
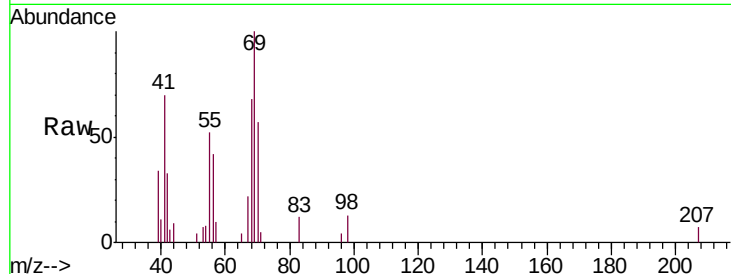




#48
Methvl methacrylate
Concen: 1.81 ug/l
RT: 6.64 min Scan# 1882
Delta R.T. 0.02 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

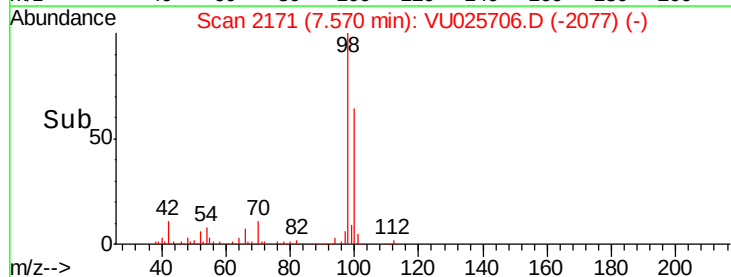
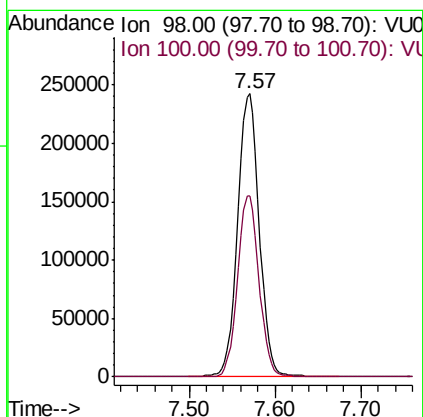
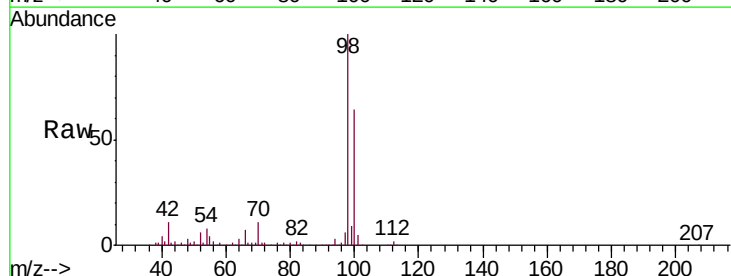
Instrument :
MSVOA_U
ClientSampleId :
FL-0513

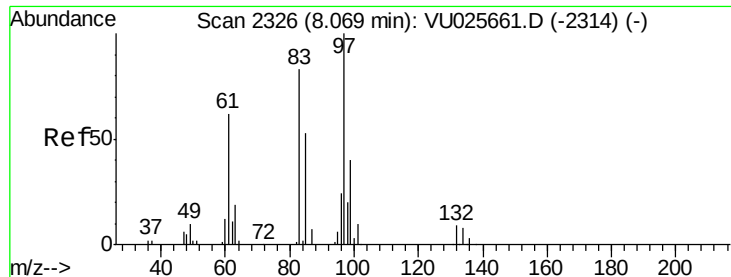
Tot Ion: 41 Resp: 4960
Ion Ratio Lower Upper
41 100
69 138.4 65.0 97.4#
39 48.4 46.4 69.6



#50
Toluene-d8
Concen: 49.91 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

Tgt Ion: 98 Resp: 424375
Ion Ratio Lower Upper
98 100
100 63.0 51.1 76.7

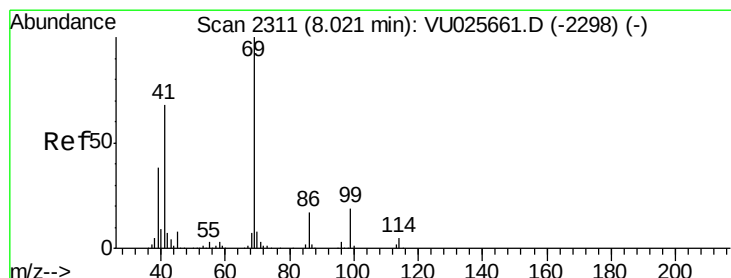
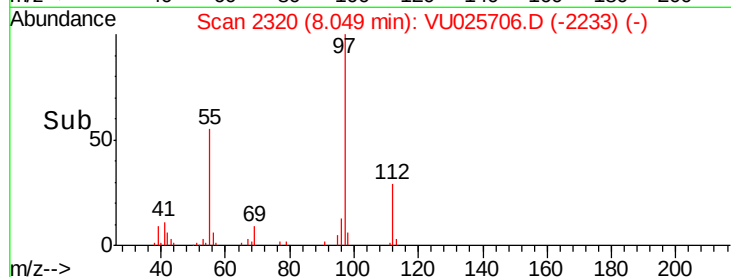
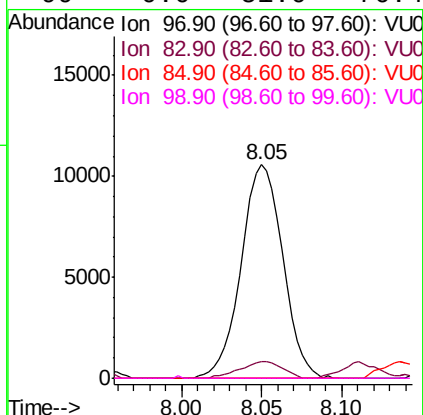
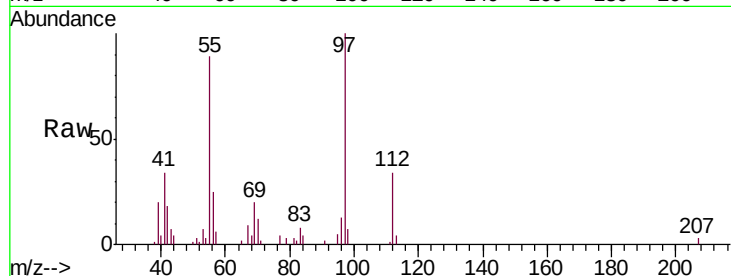




#55
 1,1,2-Trichloroethane
 Concen: 7.61 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: VU025706.D
 Acq: 28 Jul 2018 06:32

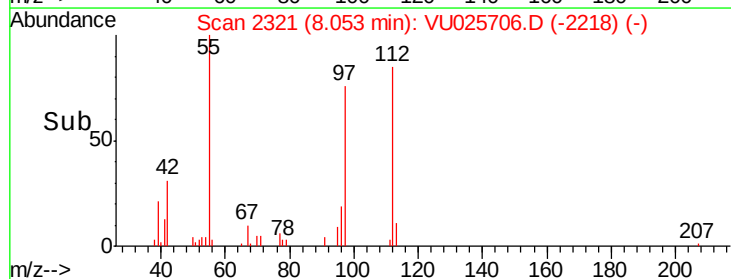
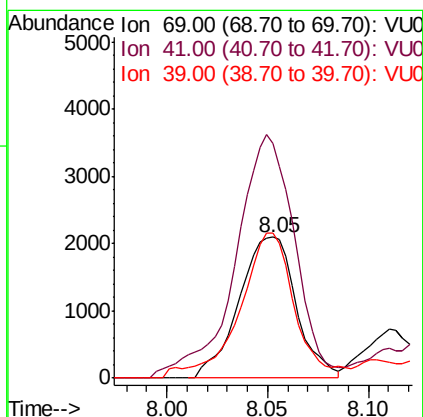
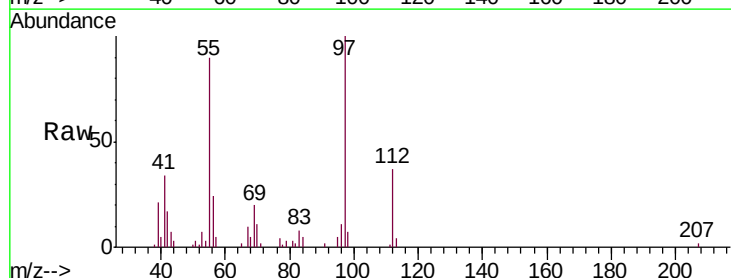
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0513

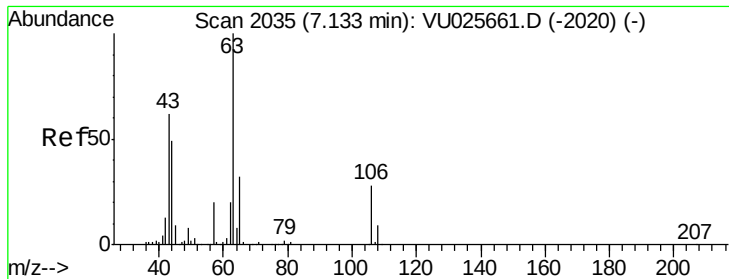
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.7	68.9	103.3#
85	0.0	44.4	66.6#
99	0.0	51.0	76.4#



#56
 Ethyl methacrylate
 Concen: 1.18 ug/l
 RT: 8.05 min Scan# 2321
 Delta R.T. 0.03 min
 Lab File: VU025706.D
 Acq: 28 Jul 2018 06:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	178.3	54.8	82.2#
39	99.7	31.1	46.7#





#58

2-Chloroethyl Vinyl ether

Concen: 7.11 ug/l

RT: 7.06 min Scan# 2012

Delta R.T. -0.07 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

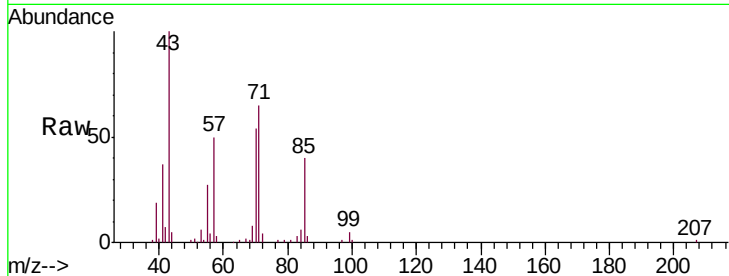
FL-0513

Tot Ion: 63 Resp: 63

Ion Ratio Lower Upper

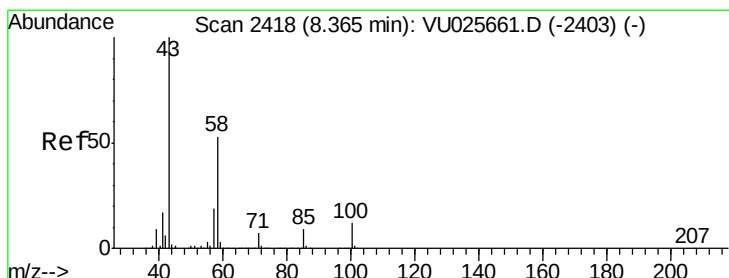
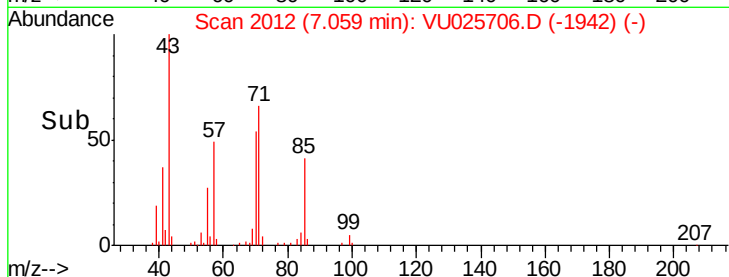
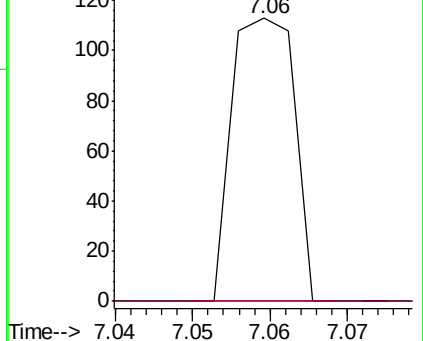
63 100

106 0.0 22.3 33.5#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 0.80 ug/l

RT: 8.17 min Scan# 2356

Delta R.T. -0.20 min

Lab File: VU025706.D

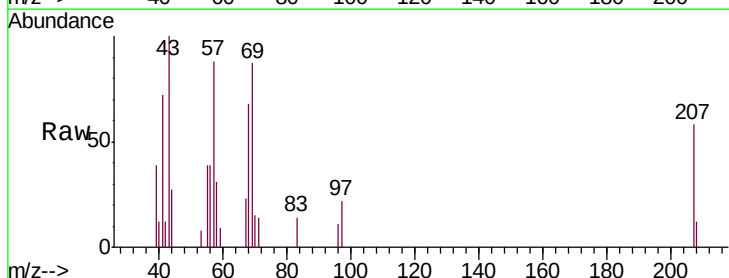
Acq: 28 Jul 2018 06:32

Tgt Ion: 43 Resp: 2203

Ion Ratio Lower Upper

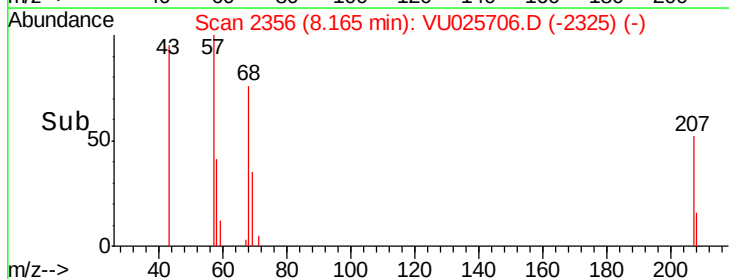
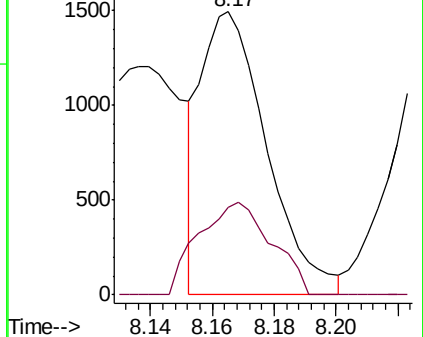
43 100

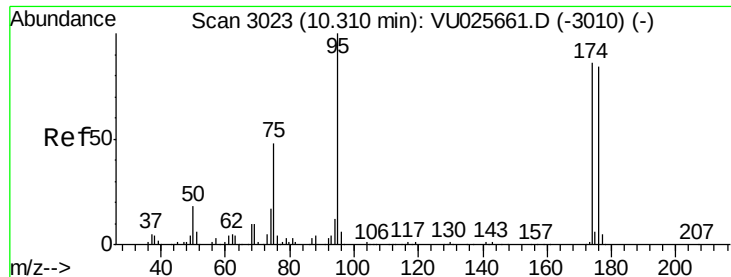
58 36.4 26.2 78.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

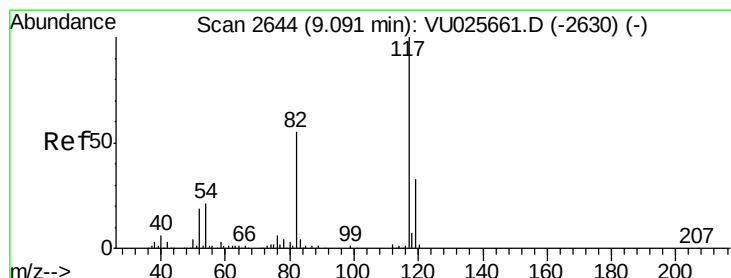
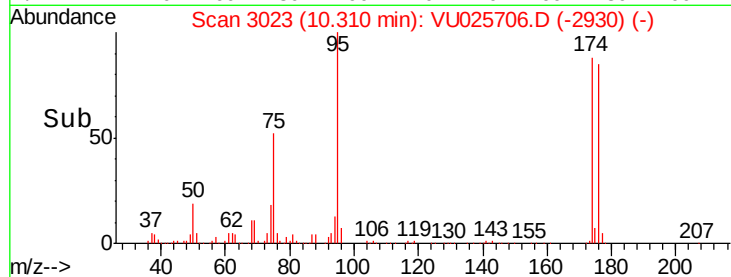
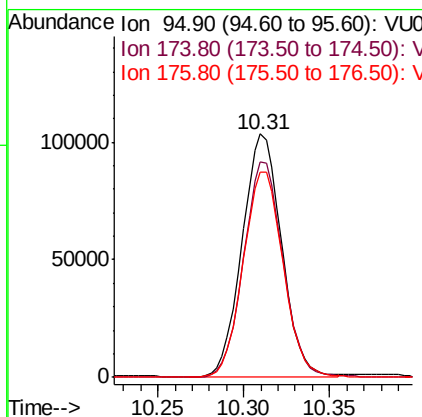
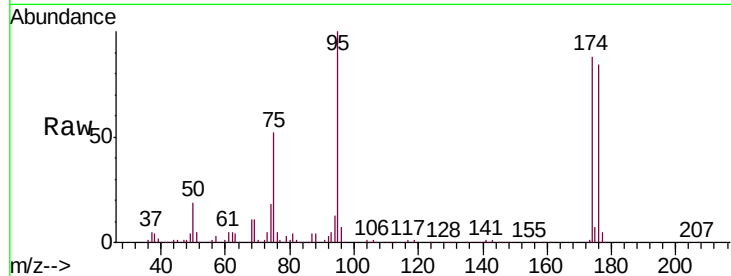




#62
4-Bromofluorobenzene
Concen: 49.92 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

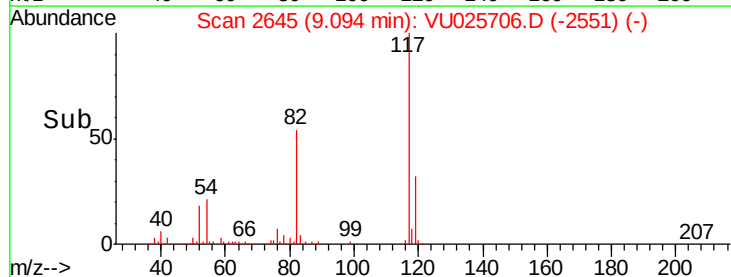
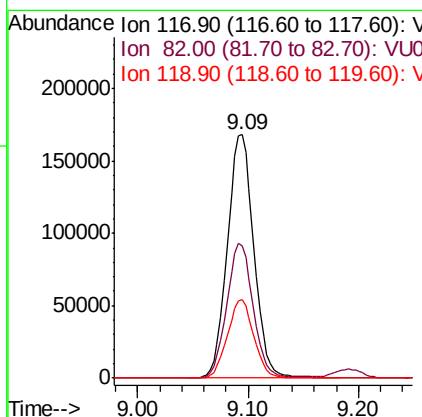
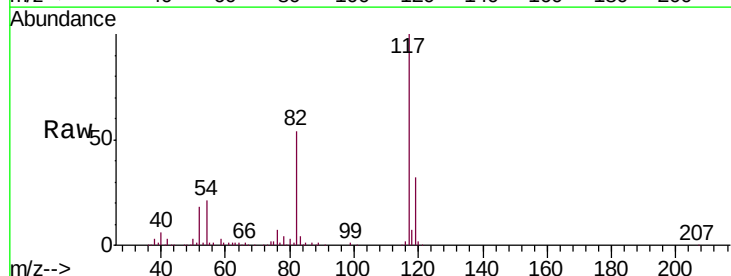
Instrument :
MSVOA_U
ClientSampleId :
FL-0513

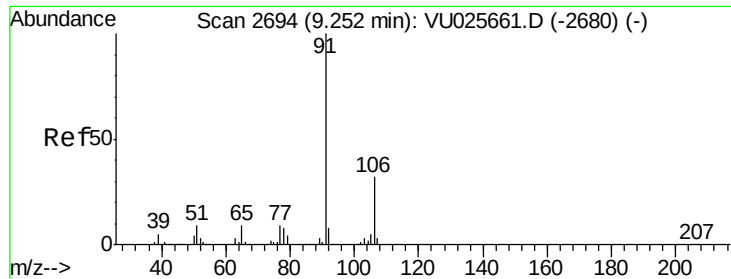
Tot Ion: 95 Resp: 164728
Ion Ratio Lower Upper
95 100
174 88.3 0.0 172.2
176 85.9 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

Tgt Ion: 117 Resp: 280325
Ion Ratio Lower Upper
117 100
82 54.3 46.0 69.0
119 32.3 26.0 39.0

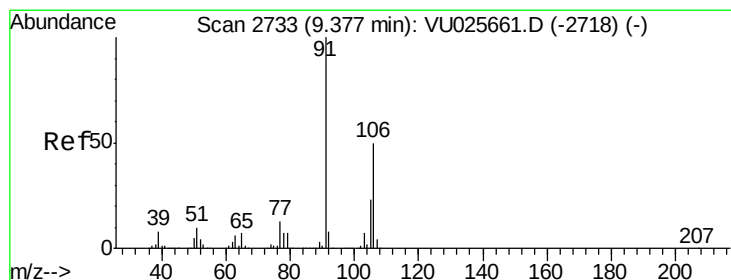
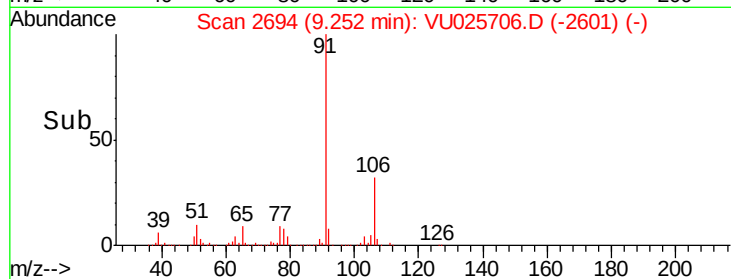
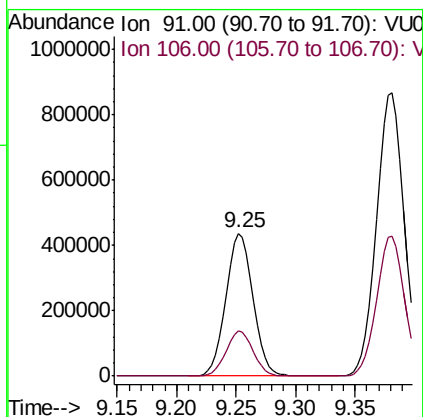
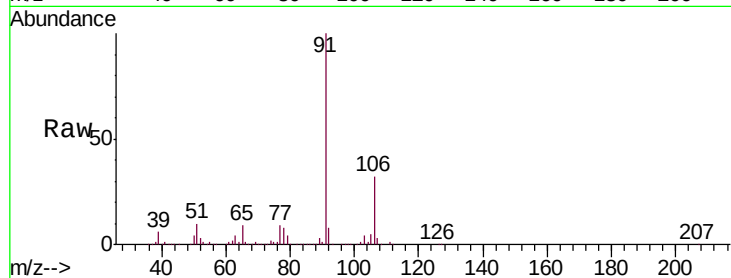




#67
Ethyl Benzene
Concen: 57.76 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

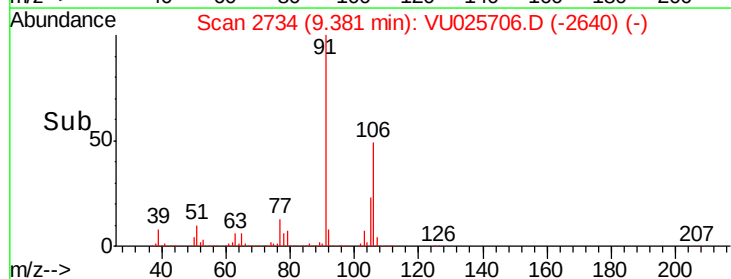
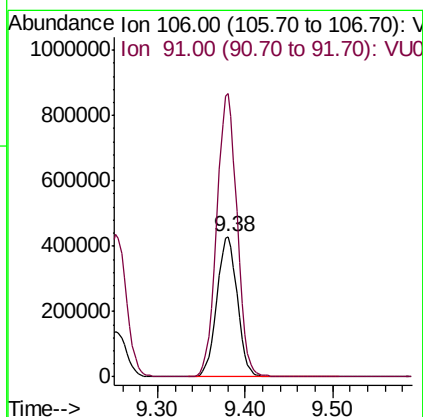
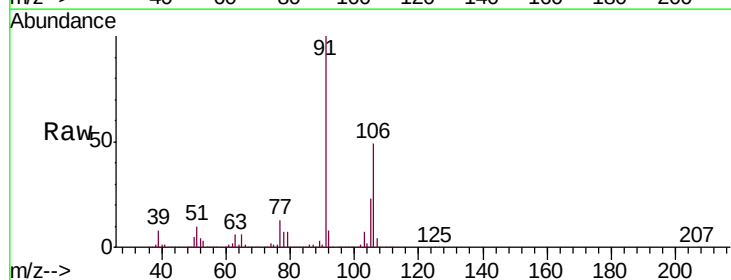
Instrument :
MSVOA_U
ClientSampleId :
FL-0513

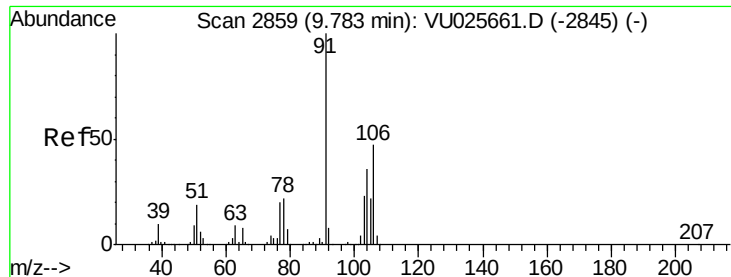
Tot Ion: 91 Resp: 691486
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 151.40 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

Tgt Ion: 106 Resp: 695882
Ion Ratio Lower Upper
106 100
91 201.3 162.3 243.5

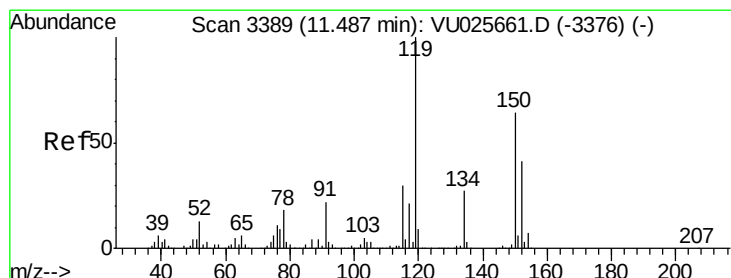
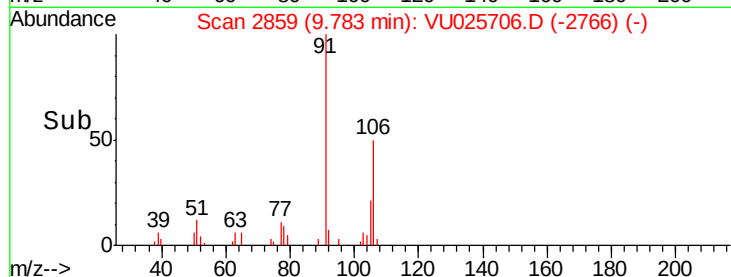
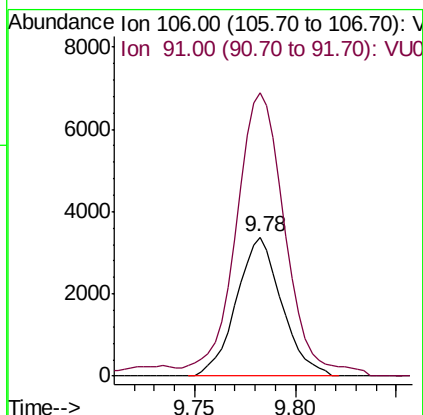
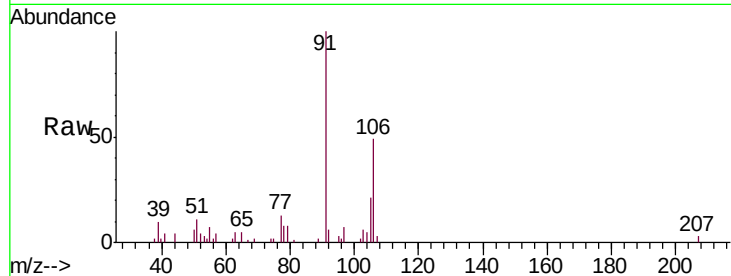




#69
o-Xylene
Concen: 1.19 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

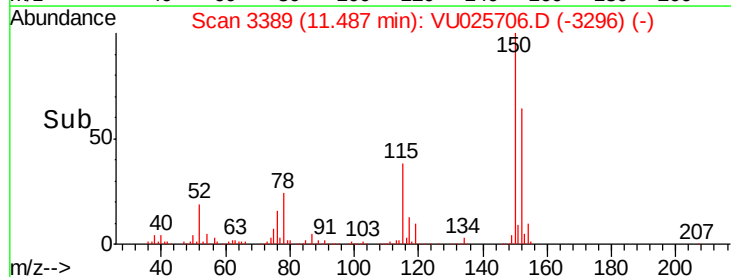
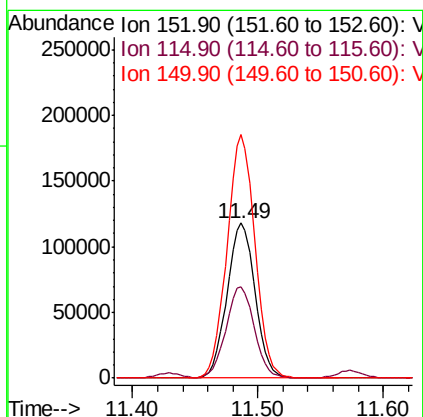
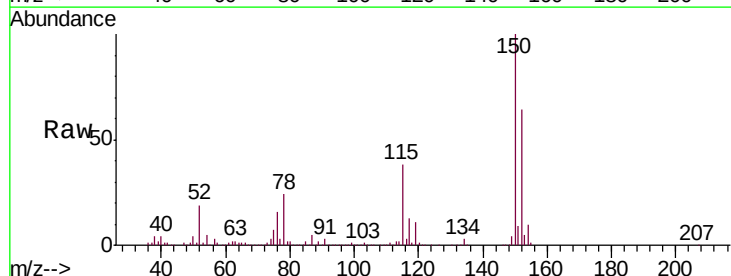
Instrument :
MSVOA_U
ClientSampled :
FL-0513

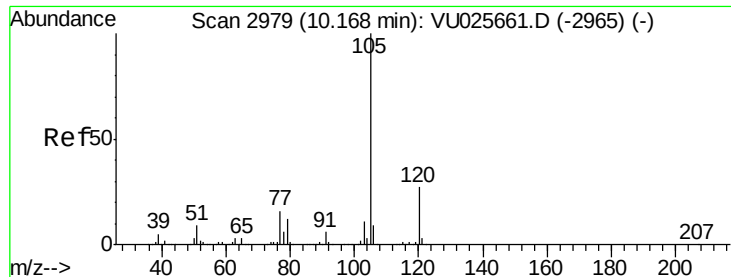
Tot Ion:106 Resp: 5325
Ion Ratio Lower Upper
106 100
91 221.3 105.3 315.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025706.D
Acq: 28 Jul 2018 06:32

Tgt Ion:152 Resp: 182641
Ion Ratio Lower Upper
152 100
115 59.5 40.1 120.3
150 156.2 0.0 351.4





#73

Isopropylbenzene

Concen: 10.67 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

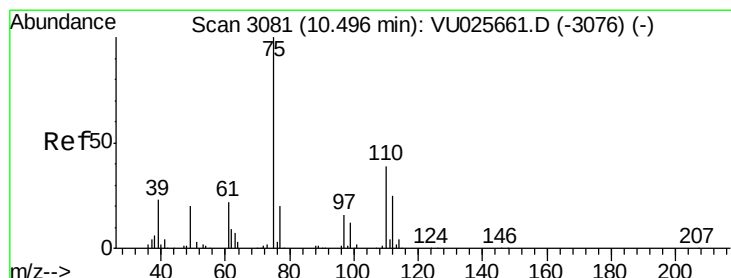
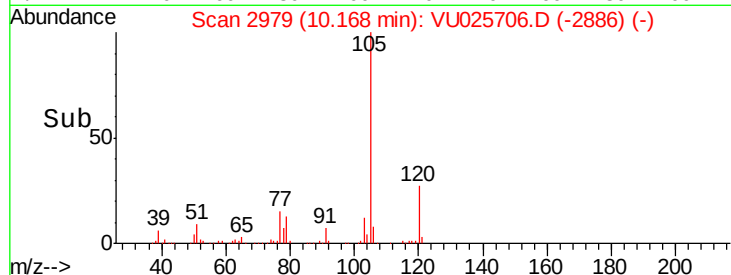
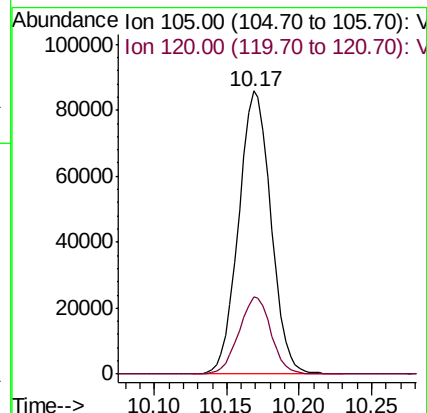
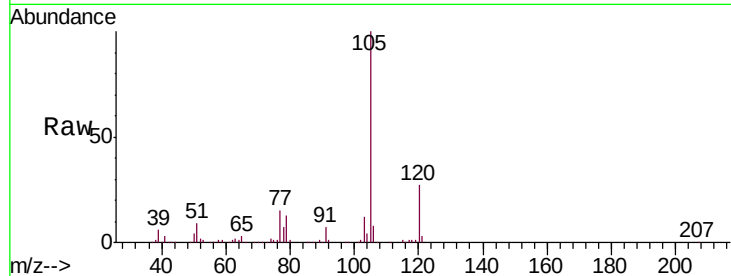
FL-0513

Tot Ion:105 Resp: 133016

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#76

1,2,3-Trichloropropane

Concen: 21.21 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025706.D

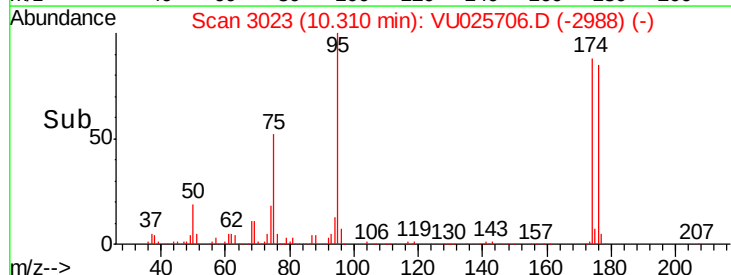
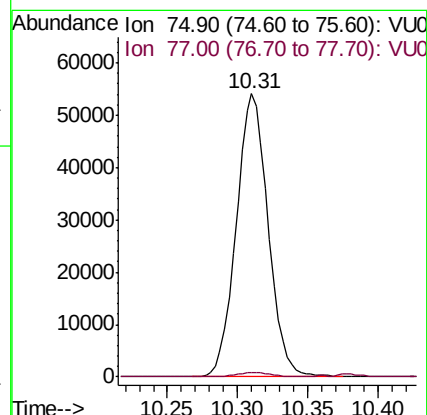
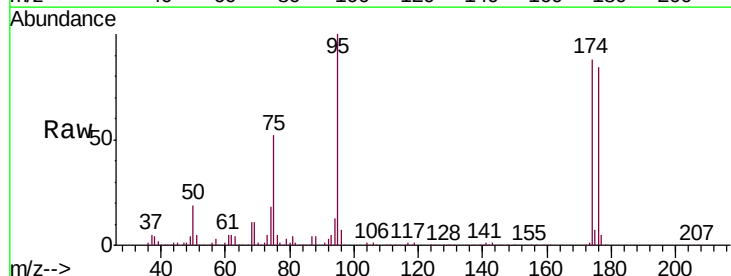
Acq: 28 Jul 2018 06:32

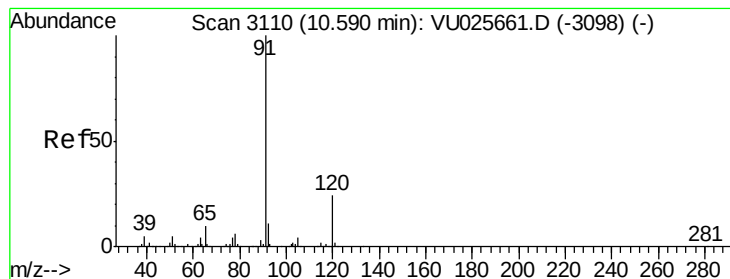
Tgt Ion: 75 Resp: 85340

Ion Ratio Lower Upper

75 100

77 0.0 20.4 61.3#





#78

n-propylbenzene

Concen: 12.89 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampled :

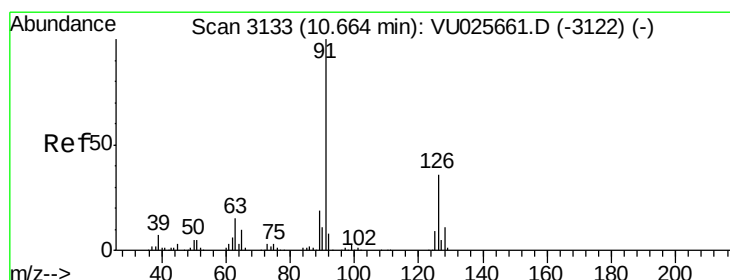
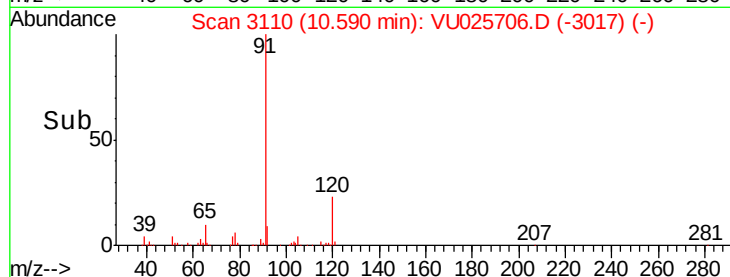
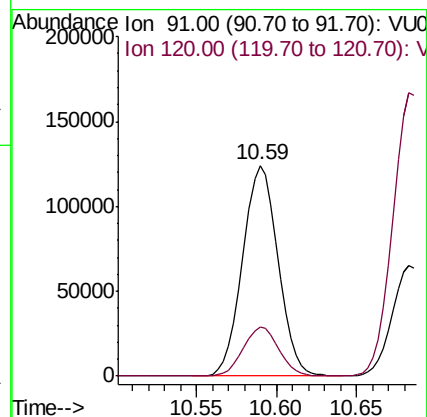
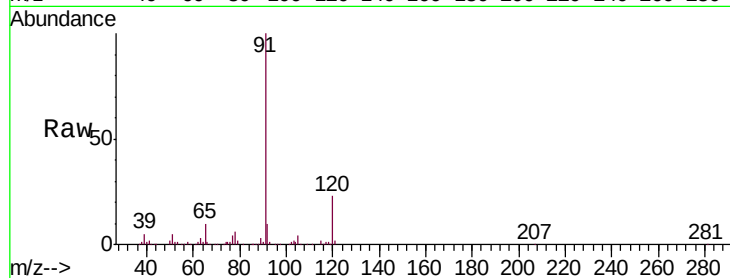
FL-0513

Tot Ion: 91 Resp: 187496

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.3



#79

2-Chlorotoluene

Concen: 13.19 ug/l

RT: 10.68 min Scan# 3139

Delta R.T. 0.02 min

Lab File: VU025706.D

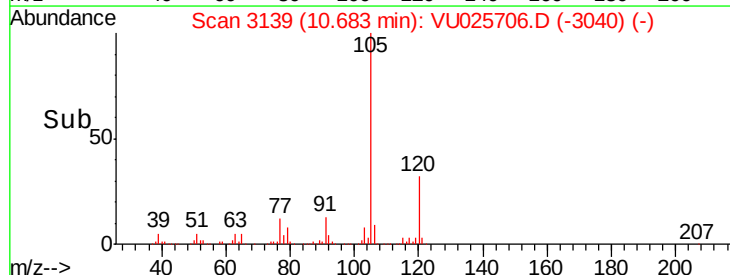
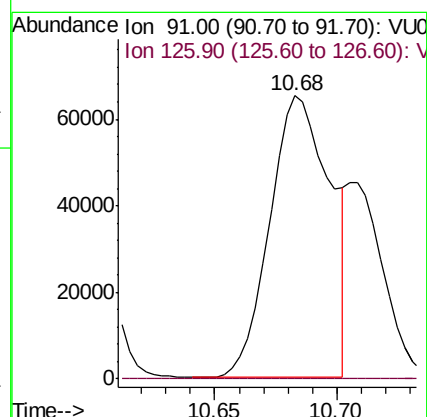
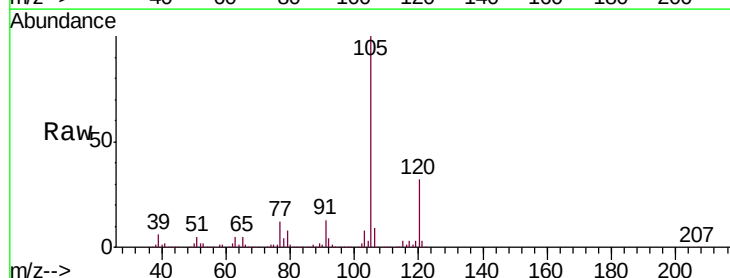
Acq: 28 Jul 2018 06:32

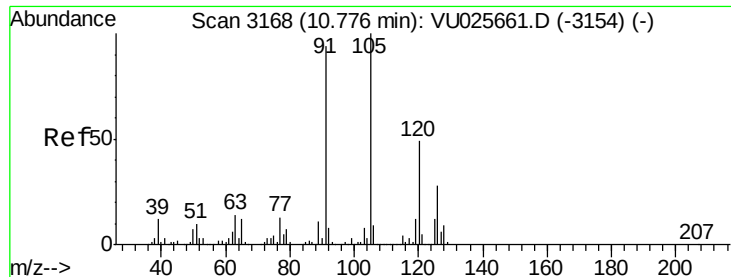
Tgt Ion: 91 Resp: 112373

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#





#80

1,3,5-Trimethylbenzene

Concen: 50.71 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampled :

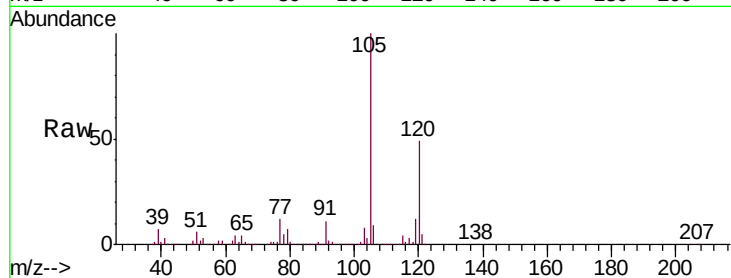
FL-0513

Tot Ion:105 Resp: 536805

Ion Ratio Lower Upper

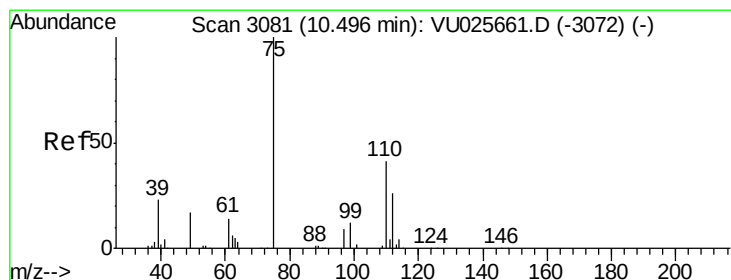
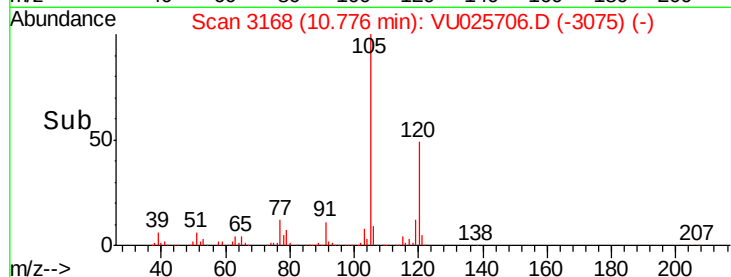
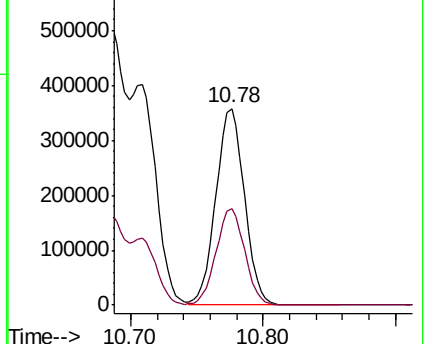
105 100

120 49.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 53.18 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

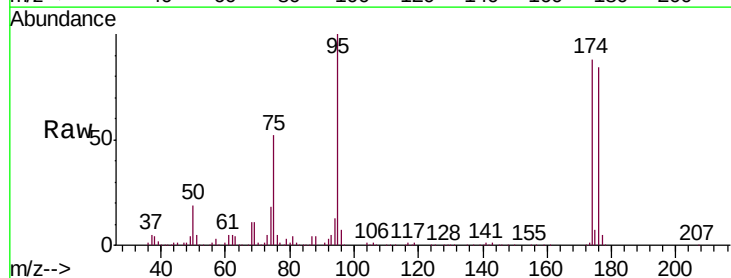
Tgt Ion: 75 Resp: 85340

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

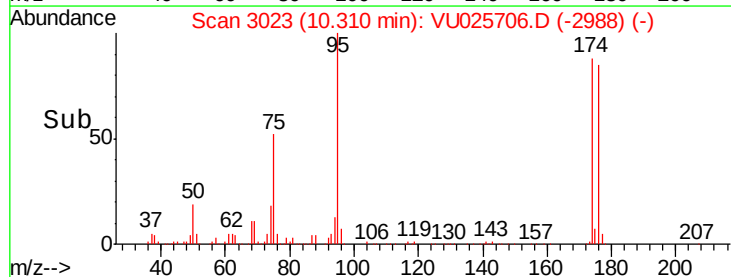
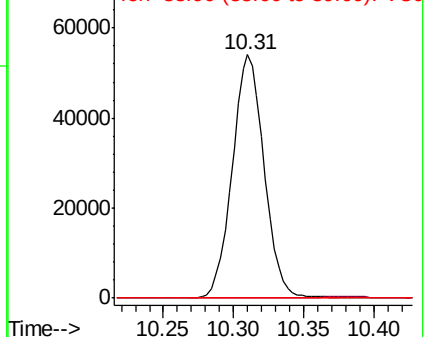
89 0.0 0.0 0.0

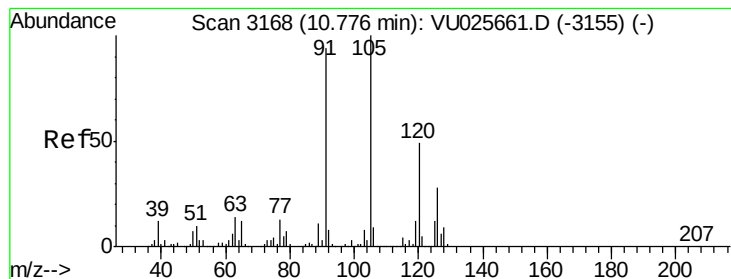


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#82

4-Chlorotoluene

Concen: 5.74 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

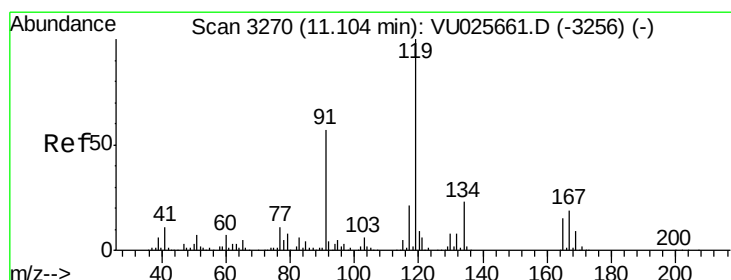
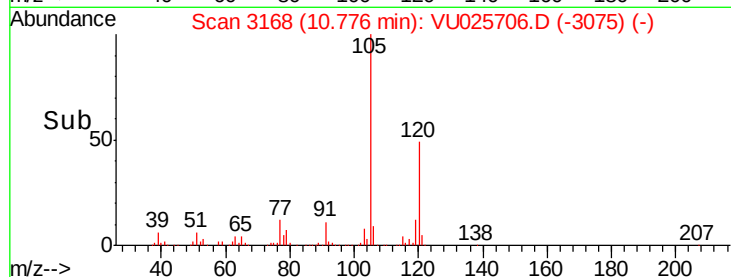
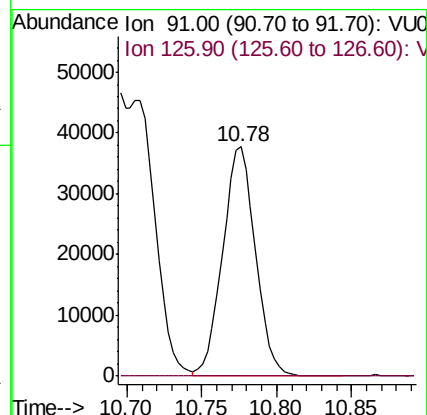
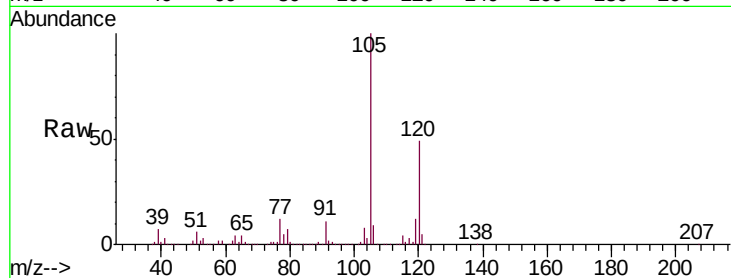
FL-0513

Tot Ion: 91 Resp: 57664

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.9#



#83

tert-Butylbenzene

Concen: 0.57 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

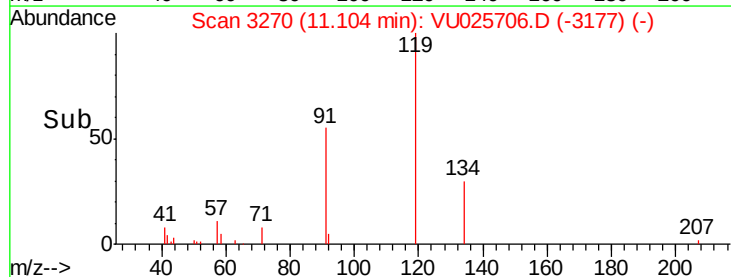
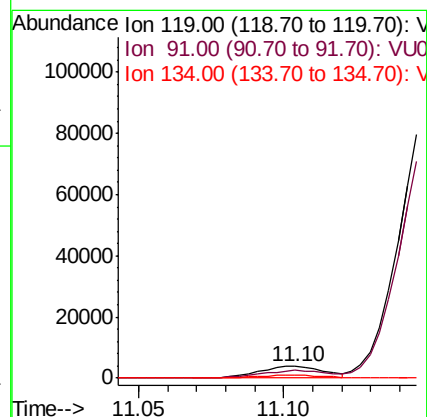
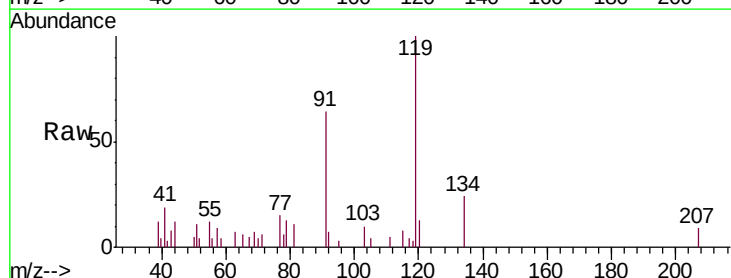
Tgt Ion: 119 Resp: 5956

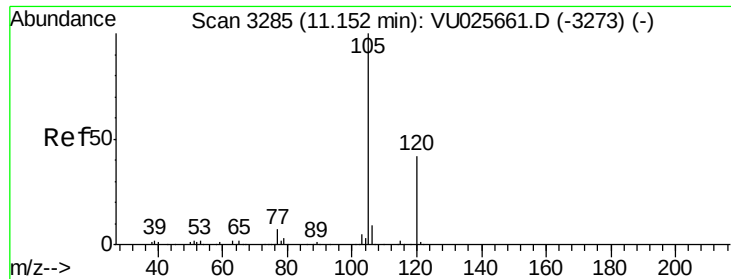
Ion Ratio Lower Upper

119 100

91 67.7 29.7 89.1

134 25.7 11.5 34.5





#84

1,2,4-Trimethylbenzene

Concen: 106.38 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

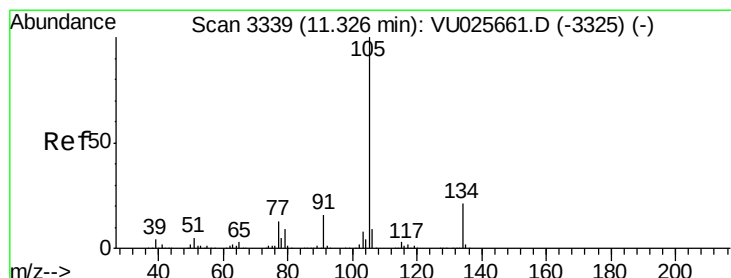
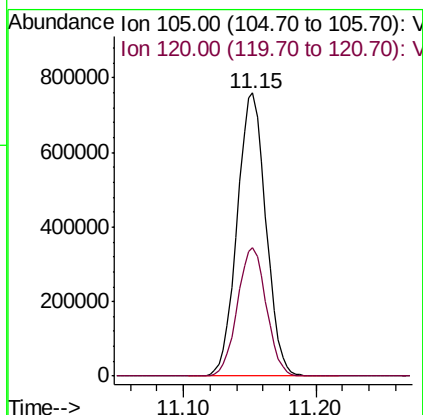
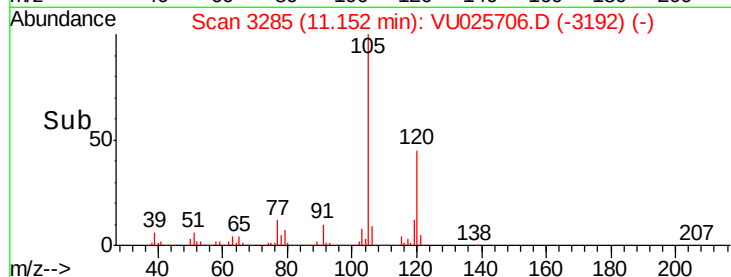
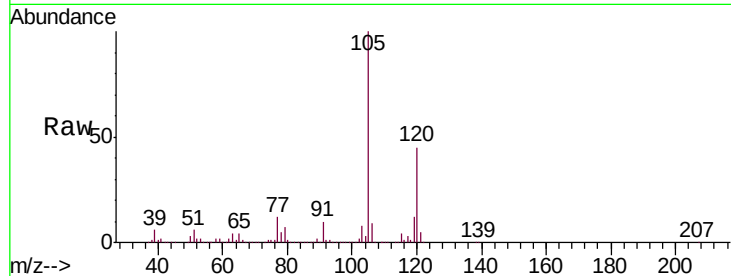
FL-0513

Tot Ion:105 Resp: 1141309

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.8



#85

sec-Butylbenzene

Concen: 88.87 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. -0.17 min

Lab File: VU025706.D

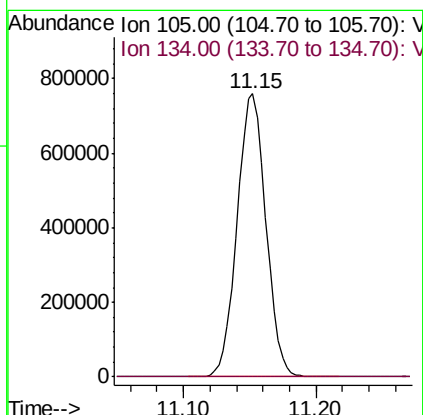
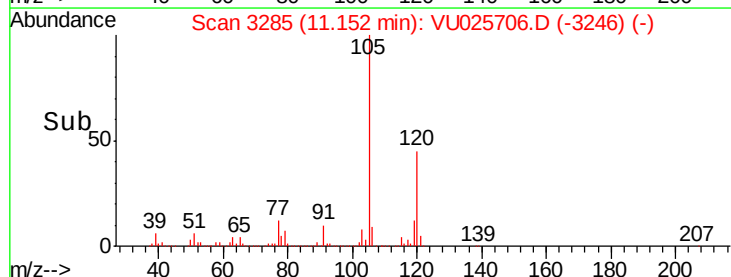
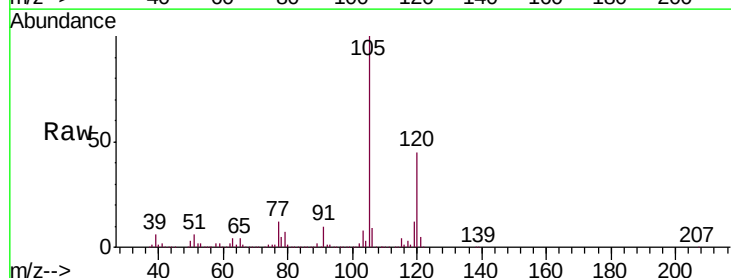
Acq: 28 Jul 2018 06:32

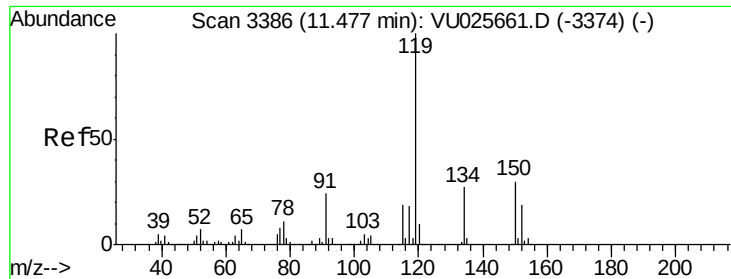
Tgt Ion:105 Resp: 1141309

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#

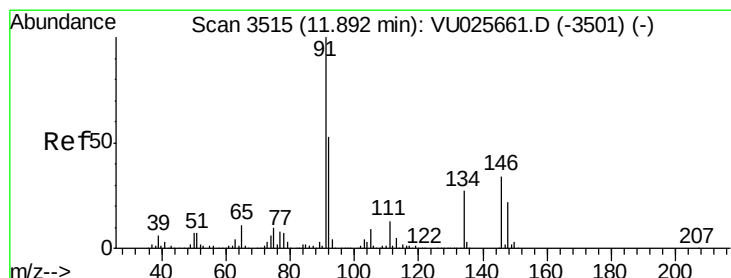
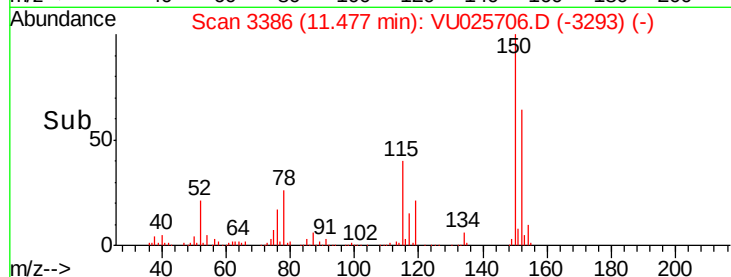
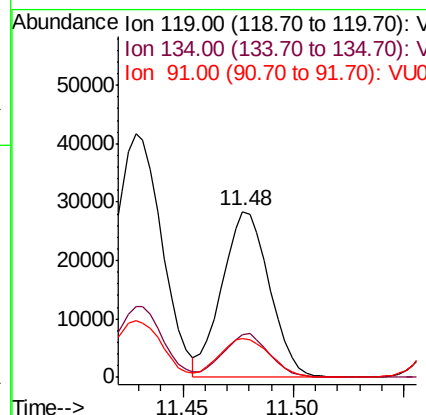
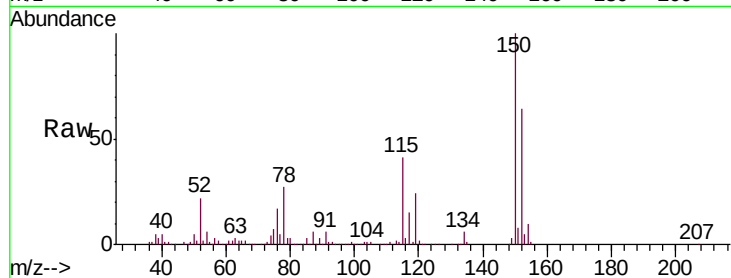




#86
 p-Isopropyltoluene
 Concen: 3.68 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025706.D
 Acq: 28 Jul 2018 06:32

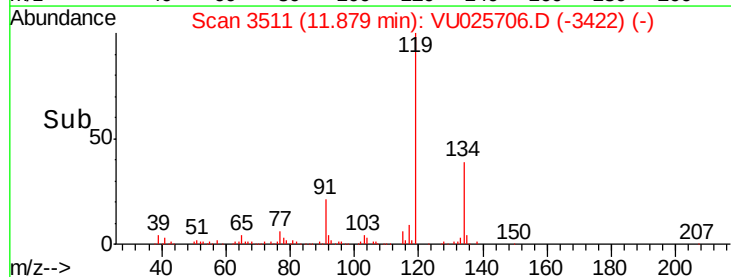
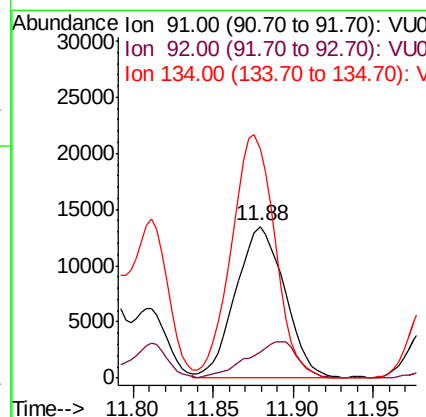
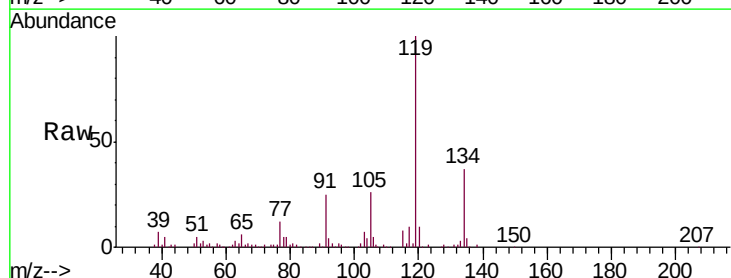
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0513

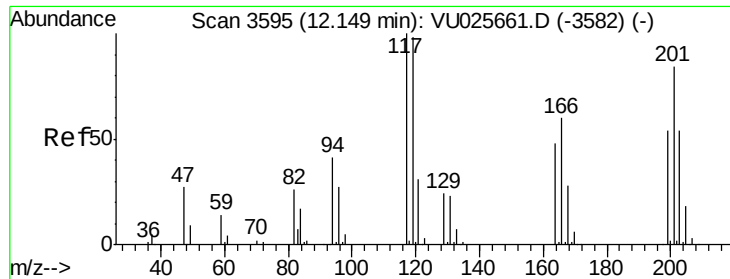
Tot Ion:119 Resp: 42310
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.1 12.0 36.1



#89
 n-Butylbenzene
 Concen: 2.68 ug/l
 RT: 11.88 min Scan# 3511
 Delta R.T. -0.01 min
 Lab File: VU025706.D
 Acq: 28 Jul 2018 06:32

Tgt Ion: 91 Resp: 28457
 Ion Ratio Lower Upper
 91 100
 92 24.9 26.5 79.5#
 134 141.3 13.6 40.7#





#90

Hexachloroethane

Concen: 4.19 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

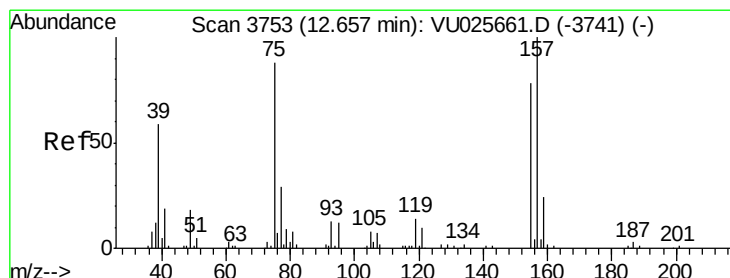
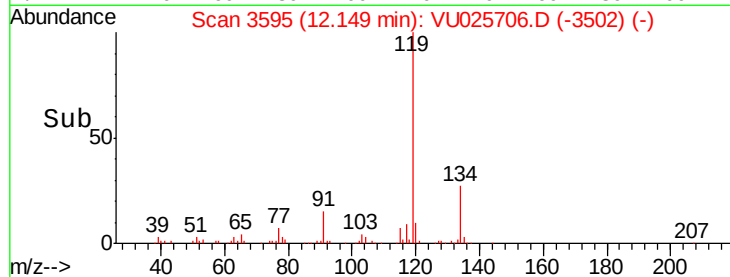
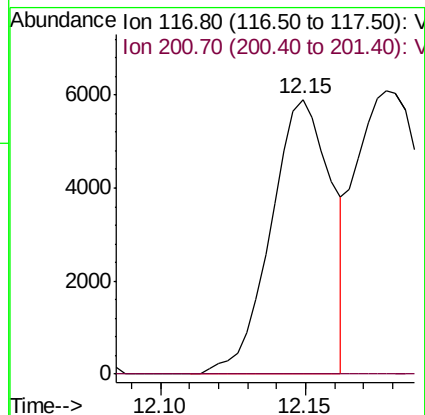
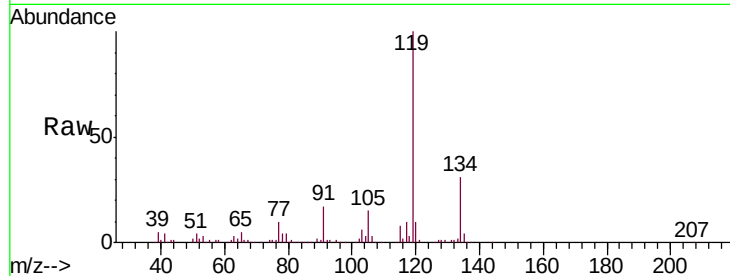
FL-0513

Tot Ion:117 Resp: 8575

Ion Ratio Lower Upper

117 100

201 0.0 42.5 127.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.52 ug/l

RT: 12.65 min Scan# 3751

Delta R.T. -0.01 min

Lab File: VU025706.D

Acq: 28 Jul 2018 06:32

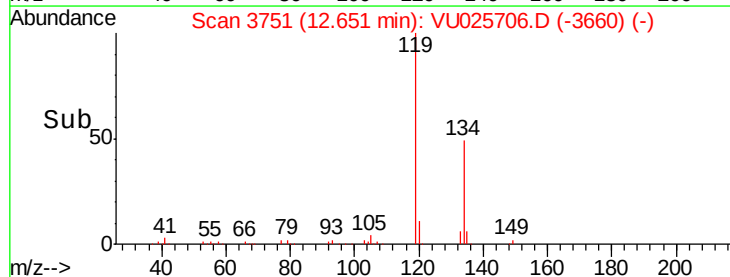
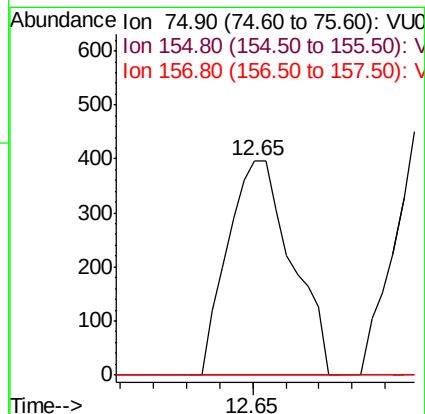
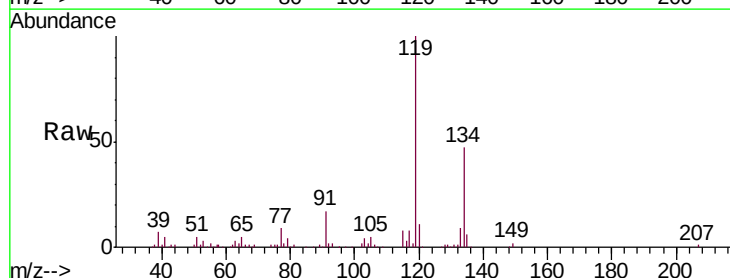
Tgt Ion: 75 Resp: 534

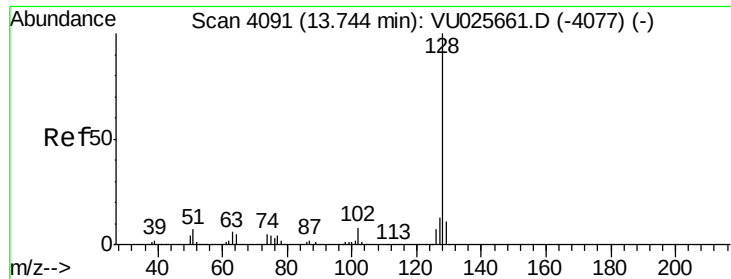
Ion Ratio Lower Upper

75 100

155 0.0 44.5 133.3#

157 0.0 57.0 170.8#

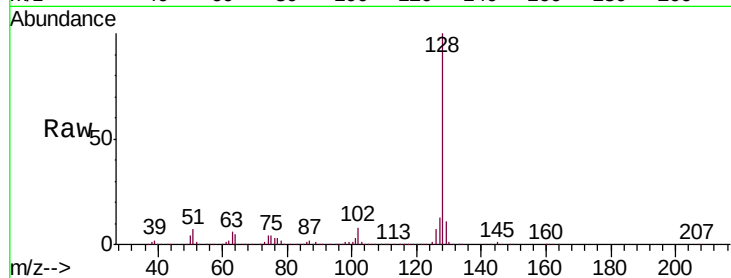




#95
 Naphthalene
 Concen: 33.98 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025706.D
 Acq: 28 Jul 2018 06:32

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0513

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.6	8.3	12.5



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

