

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025704.D
 Acq On : 28 Jul 2018 05:45
 Operator : MD/SY
 Sample : J4208-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0511

Quant Time: Jul 30 00:40:47 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	170949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	268580	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	264479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	171830	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	132607	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
35) Dibromofluoromethane	4.89	113	111089	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	7.57	98	397091	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	10.31	95	157687	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.31	56	764	1.60	ug/l #	80
14) Allyl chloride	2.72	41	3982	1.21	ug/l #	20
15) Acrylonitrile	3.00	53	1654	1.42	ug/l #	43
16) Acetone	2.32	43	3829	2.95	ug/l	91
18) Methyl Acetate	2.71	43	8404	2.69	ug/l #	52
23) Vinyl Acetate	3.31	43	2116	0.37	ug/l #	39
25) 2-Butanone	4.10	43	12065	6.83	ug/l #	49
26) 2,2-Dichloropropane	4.10	77	1464	0.41	ug/l #	53
31) Cyclohexane	5.00	56	165419	48.70	ug/l	99
36) 1,1-Dichloropropene	4.99	75	11994	3.82	ug/l #	71
38) Carbon Tetrachloride	4.99	117	17122	4.82	ug/l #	18
39) Methylcyclohexane	6.42	83	197581	54.94	ug/l	97
41) Methacrylonitrile	4.73	41	1112	0.62	ug/l #	50
43) Isopropyl Acetate	5.56	43	1376	0.26	ug/l #	61
45) 1,2-Dichloropropane	6.42	63	2175	0.91	ug/l #	1
48) Methyl methacrylate	6.65	41	8288	3.14	ug/l #	56
51) 4-Methyl-2-Pentanone	7.53	43	1517	0.45	ug/l #	36
55) 1,1,2-Trichloroethane	8.05	97	10839	4.58	ug/l #	18
56) Ethyl methacrylate	8.05	69	2418	0.71	ug/l #	1
67) Ethyl Benzene	9.25	91	76901	6.81	ug/l	100
68) m/p-Xylenes	9.38	106	364277	84.00	ug/l	99
73) Isopropylbenzene	10.17	105	198921	16.96	ug/l	100
76) 1,2,3-Trichloropropane	10.31	75	82001	21.66	ug/l #	34
78) n-propylbenzene	10.59	91	257804	18.83	ug/l	99
79) 2-Chlorotoluene	10.71	91	34671	4.32	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.71	105	305580	30.68	ug/l	74
81) trans-1,4-Dichloro-2-buten	10.31	75	82001	54.31	ug/l #	100
82) 4-Chlorotoluene	10.71	91	34671	3.67	ug/l #	44
83) tert-Butylbenzene	11.15	119	136809	13.82	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.15	105	1143429	113.29	ug/l	99
85) sec-Butylbenzene	11.15	105	1143429	94.64	ug/l #	56
86) p-Isopropyltoluene	11.48	119	25602	2.37	ug/l	95
89) n-Butylbenzene	11.89	91	17604	1.76	ug/l #	72
90) Hexachloroethane	12.15	117	5104	2.65	ug/l #	7

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0511

Quant Time: Jul 30 00:40:47 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

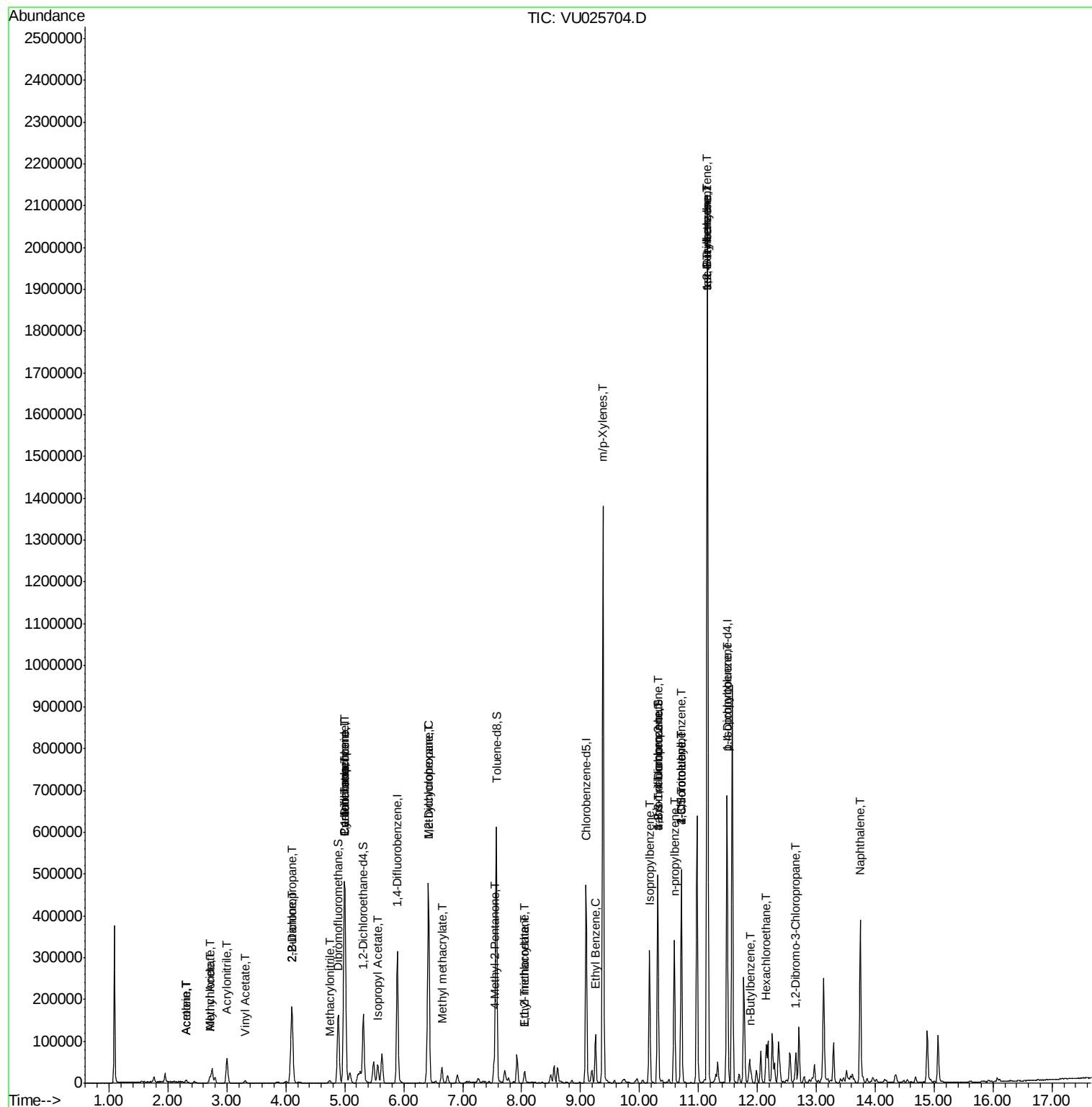
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	12.65	75	367	0.38	ug/l #	1
95) Naphthalene	13.74	128	308260	24.81	ug/l	99

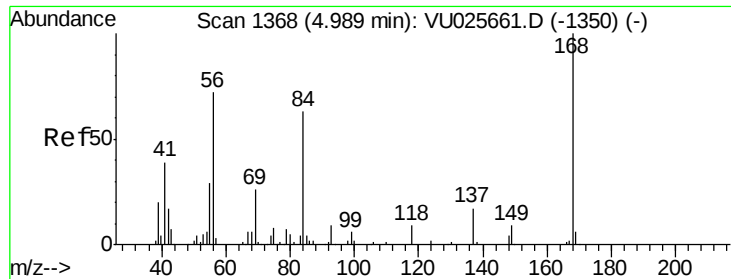
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025704.D
Acq On : 28 Jul 2018 05:45
Operator : MD/SY
Sample : J4208-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0511

Quant Time: Jul 30 00:40:47 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: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

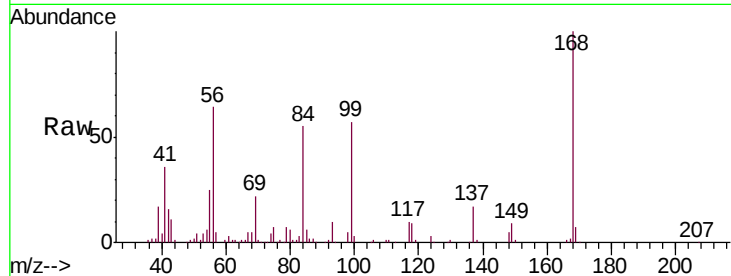
FL-0511

Tot Ion:168 Resp: 170949

Ion Ratio Lower Upper

168 100

99 56.9 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

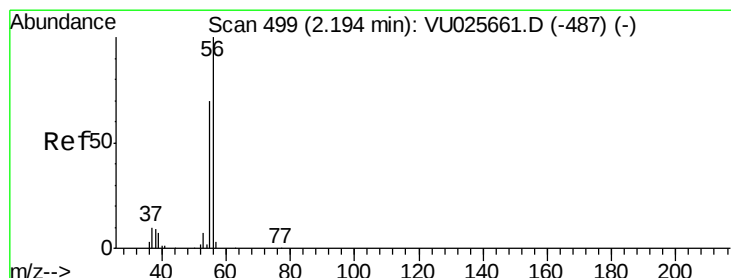
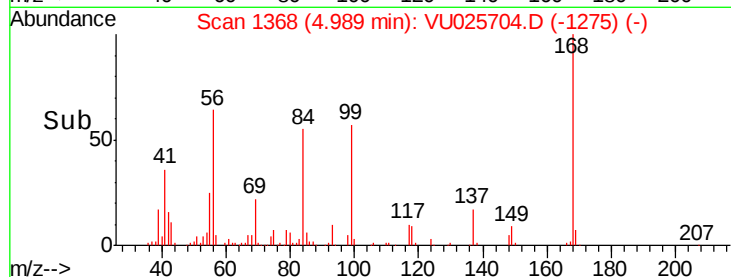
0

Time-->

4.90

5.00

5.10



#13

Acrolein

Concen: 1.60 ug/l

RT: 2.31 min Scan# 536

Delta R.T. 0.12 min

Lab File: VU025704.D

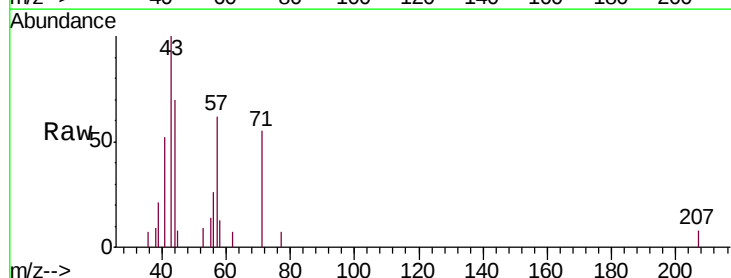
Acq: 28 Jul 2018 05:45

Tgt Ion: 56 Resp: 764

Ion Ratio Lower Upper

56 100

55 54.7 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VU025661.D (-487) (-)

Ion 55.00 (54.70 to 55.70): VU025661.D (-487) (-)

2.31

400

300

200

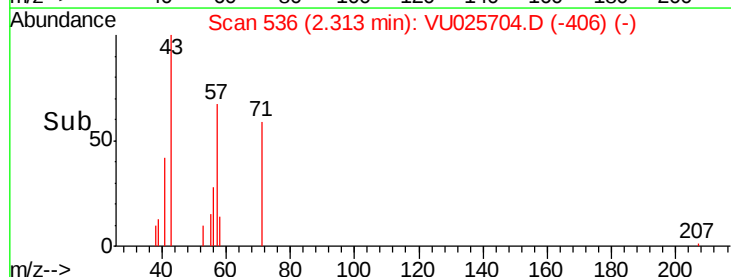
100

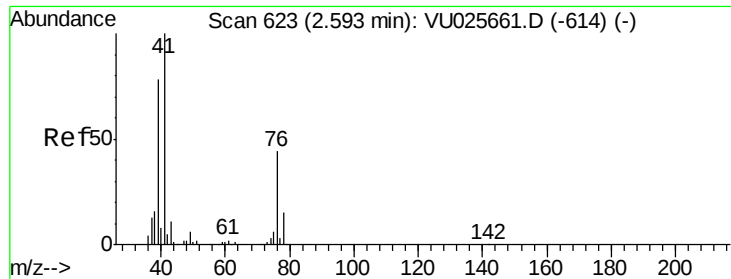
0

Time-->

2.30

2.35





#14

Allvl chloride

Concen: 1.21 ug/l

RT: 2.72 min Scan# 661

Delta R.T. 0.12 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0511

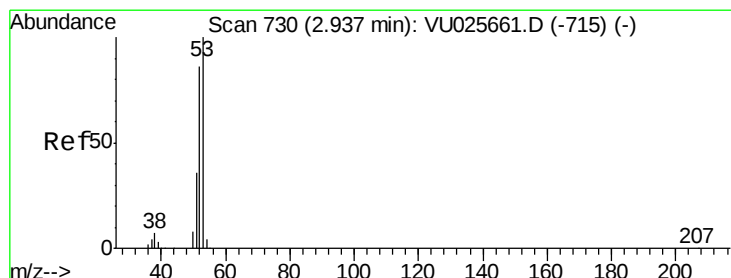
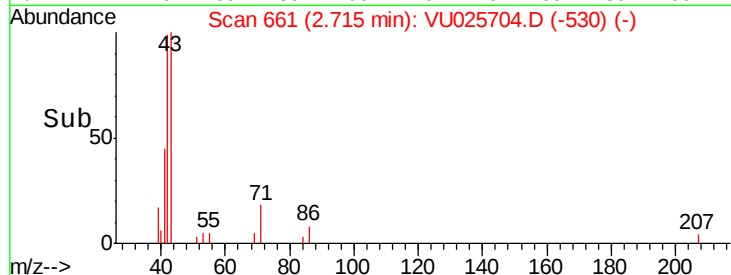
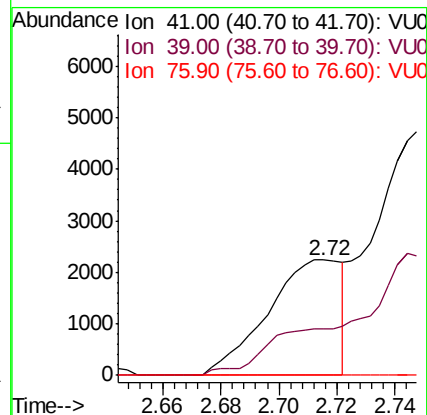
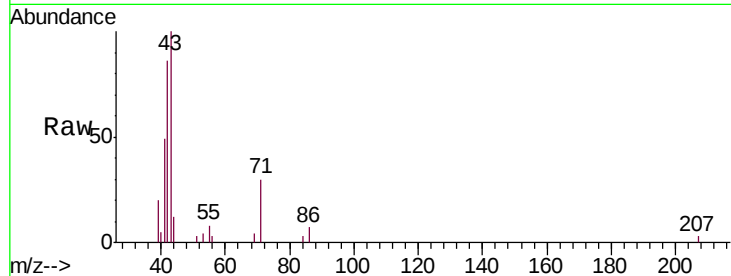
Tot Ion: 41 Resp: 3982

Ion Ratio Lower Upper

41 100

39 0.0 60.6 91.0#

76 0.0 30.5 45.7#



#15

Acrylonitrile

Concen: 1.42 ug/l

RT: 3.00 min Scan# 749

Delta R.T. 0.06 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

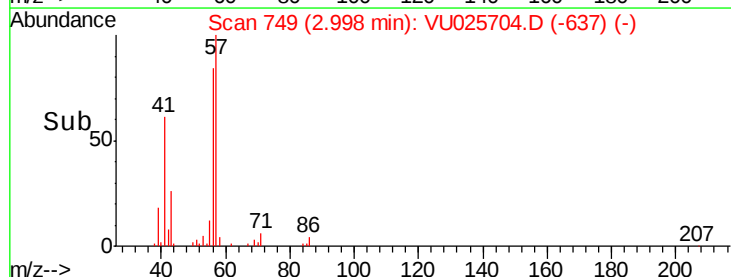
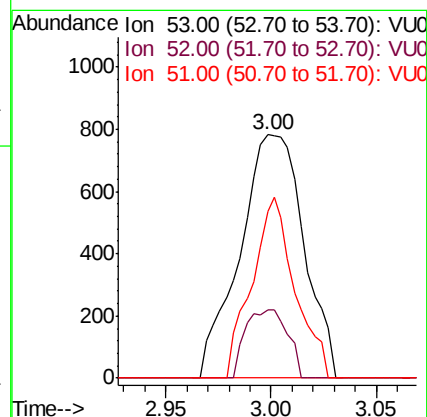
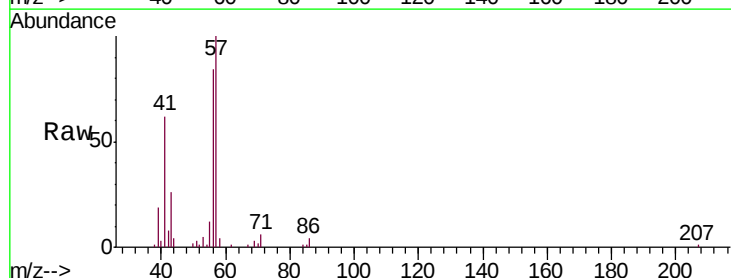
Tgt Ion: 53 Resp: 1654

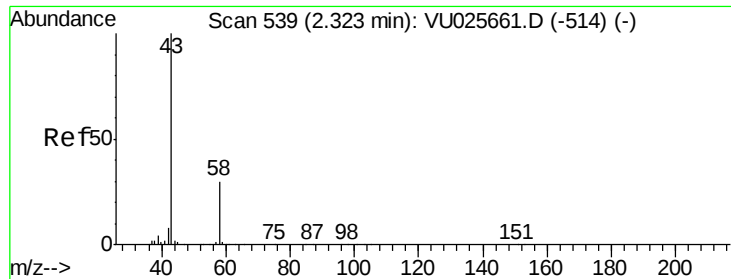
Ion Ratio Lower Upper

53 100

52 18.3 66.6 99.8#

51 49.9 29.4 44.2#





#16

Acetone

Concen: 2.95 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

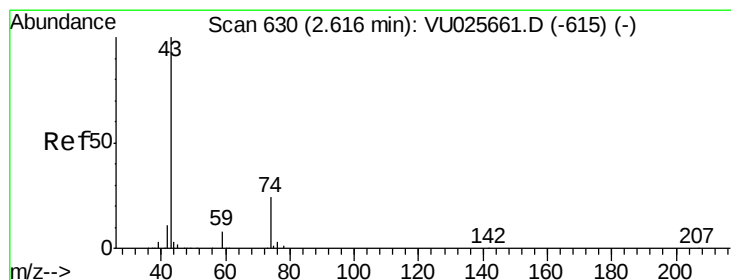
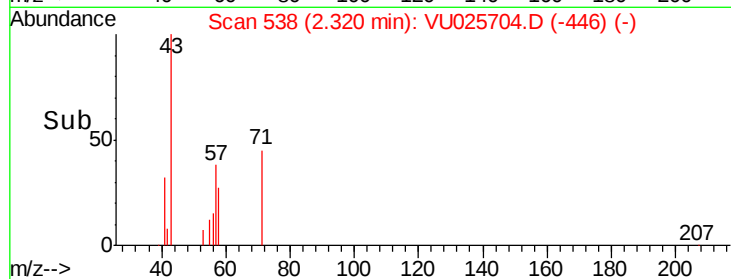
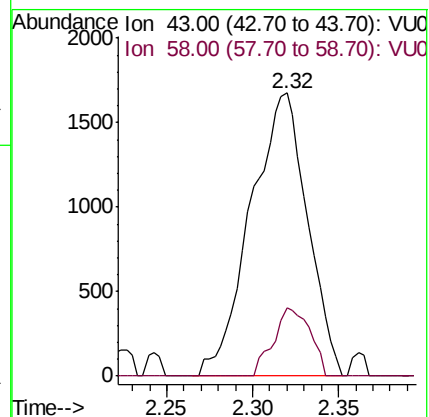
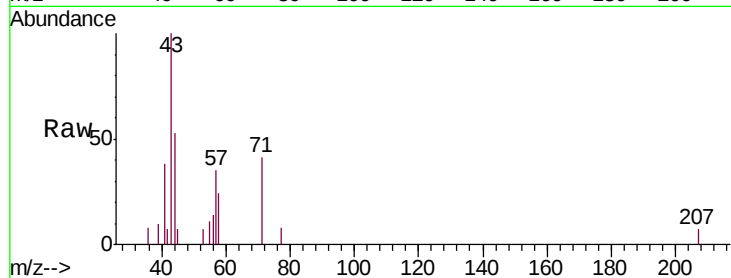
FL-0511

Tot Ion: 43 Resp: 3829

Ion Ratio Lower Upper

43 100

58 24.2 23.1 34.7



#18

Methyl Acetate

Concen: 2.69 ug/l

RT: 2.71 min Scan# 659

Delta R.T. 0.09 min

Lab File: VU025704.D

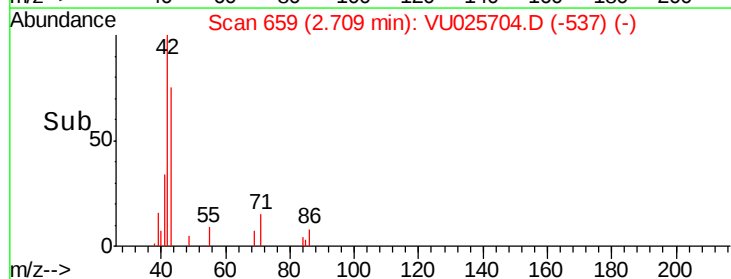
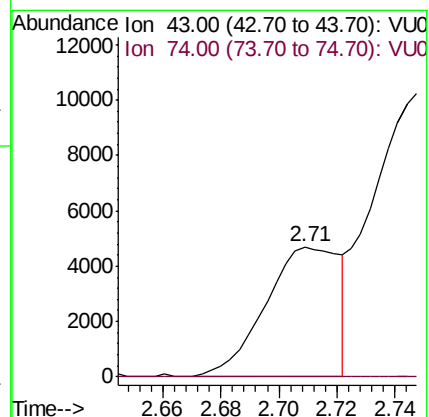
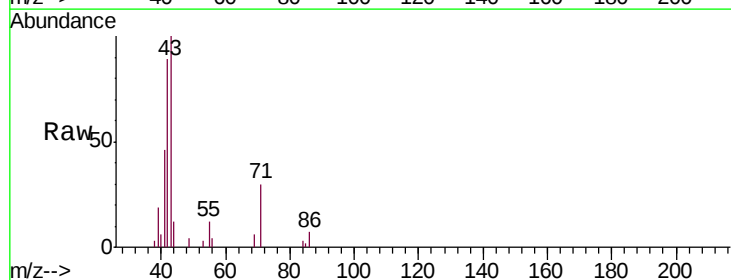
Acq: 28 Jul 2018 05:45

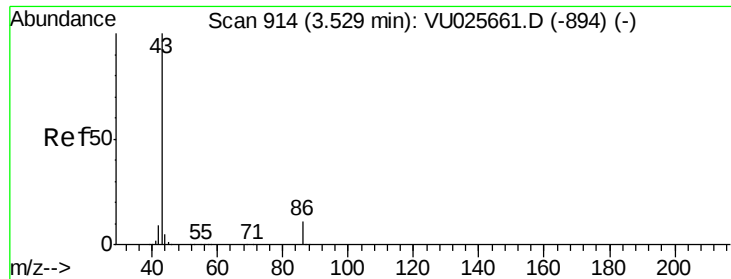
Tgt Ion: 43 Resp: 8404

Ion Ratio Lower Upper

43 100

74 0.0 18.5 27.7#





#23

Vinyl Acetate

Concen: 0.37 ug/l

RT: 3.31 min Scan# 847

Delta R.T. -0.22 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampled :

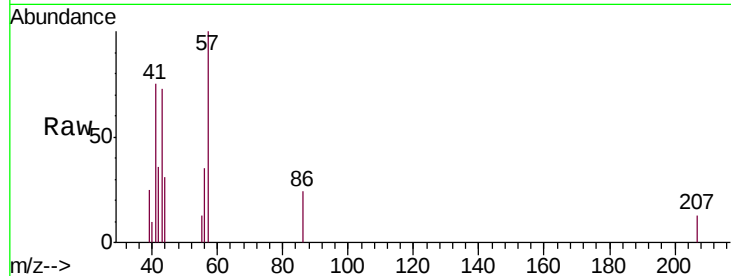
FL-0511

Tot Ion: 43 Resp: 2116

Ion Ratio Lower Upper

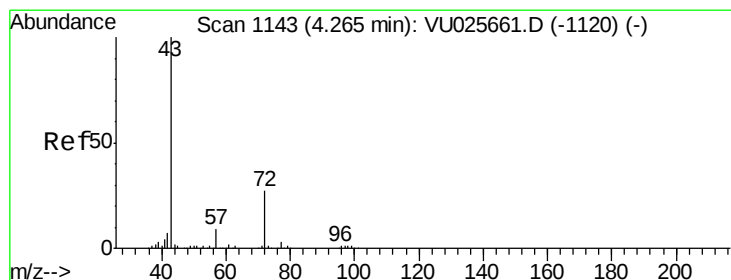
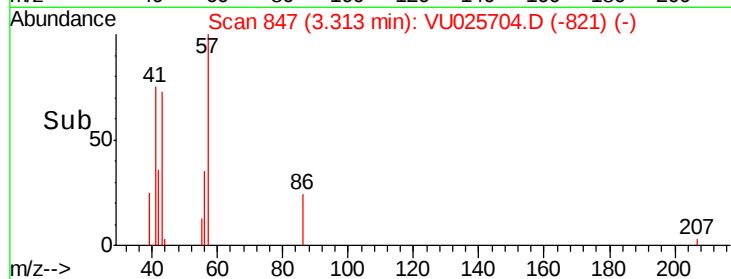
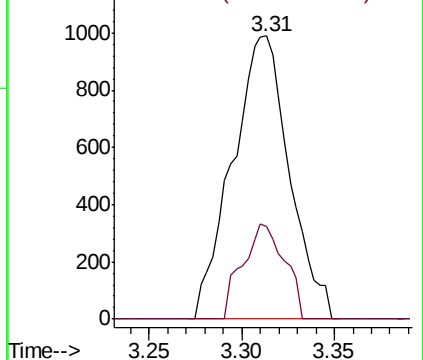
43 100

86 32.8 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#25

2-Butanone

Concen: 6.83 ug/l

RT: 4.10 min Scan# 1093

Delta R.T. -0.16 min

Lab File: VU025704.D

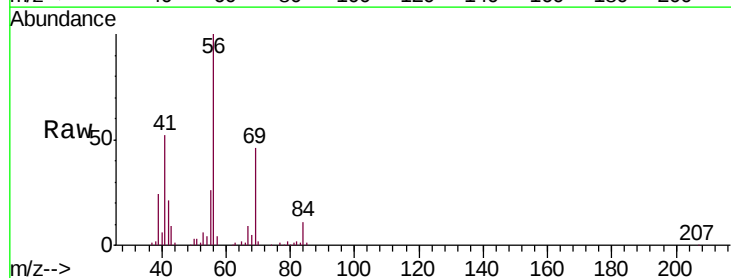
Acq: 28 Jul 2018 05:45

Tgt Ion: 43 Resp: 12065

Ion Ratio Lower Upper

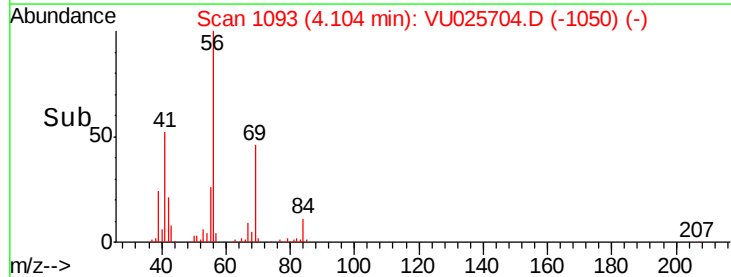
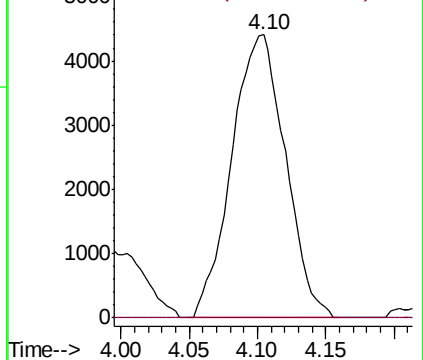
43 100

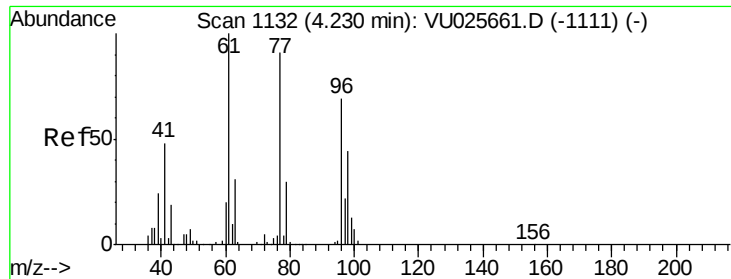
72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

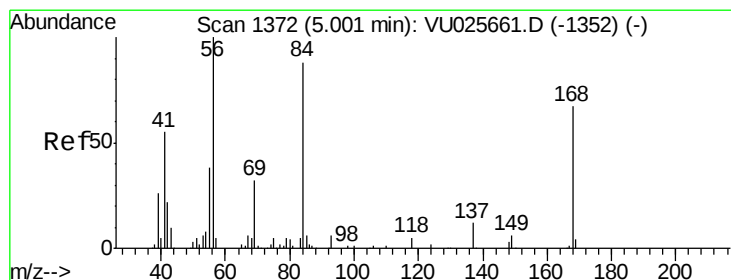
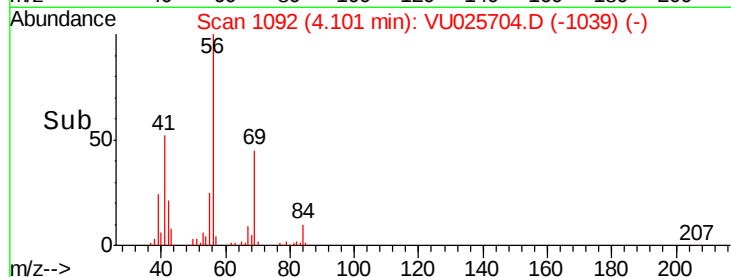
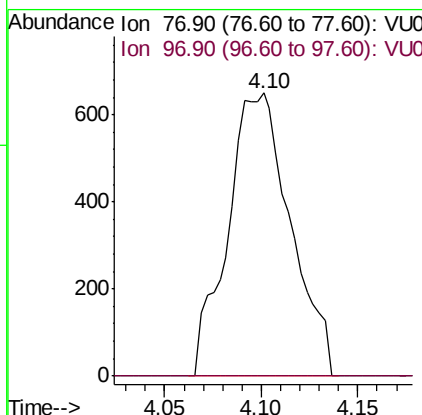
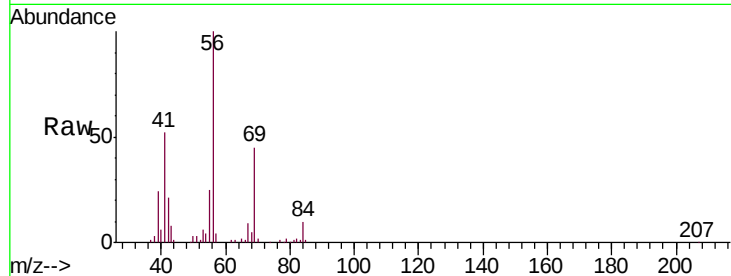




#26
2,2-Dichloropropane
Concen: 0.41 ug/l
RT: 4.10 min Scan# 1092
Delta R.T. -0.13 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

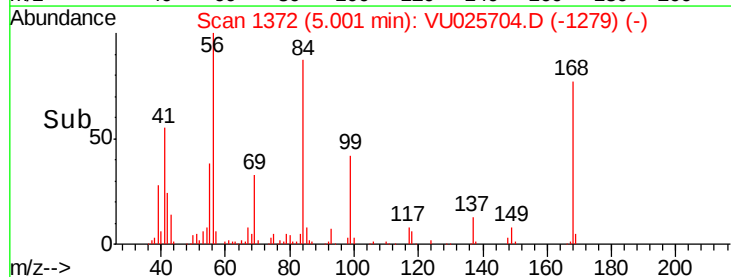
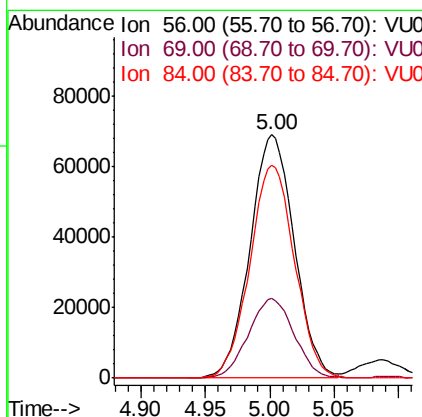
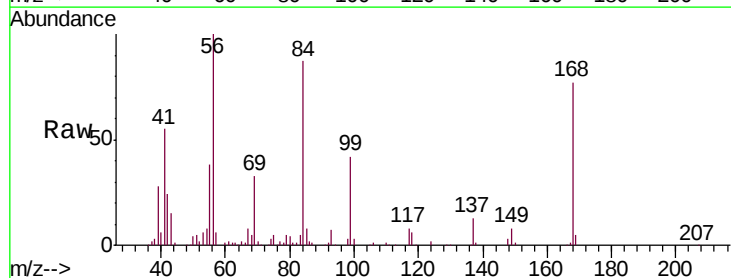
Instrument :
MSVOA_U
ClientSampled :
FL-0511

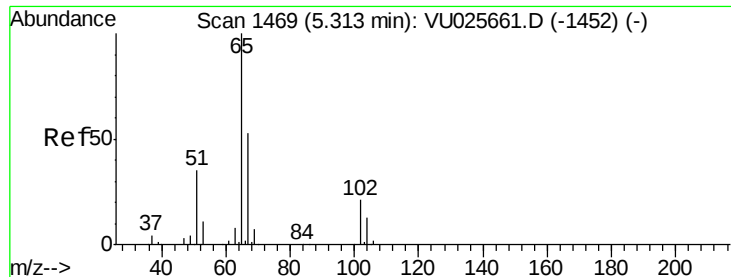
Tot Ion: 77 Resp: 1464
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.5#



#31
Cyclohexane
Concen: 48.70 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

Tgt Ion: 56 Resp: 165419
Ion Ratio Lower Upper
56 100
69 32.7 26.8 40.2
84 87.3 69.7 104.5





#33

1,2-Dichloroethane-d4

Concen: 49.79 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

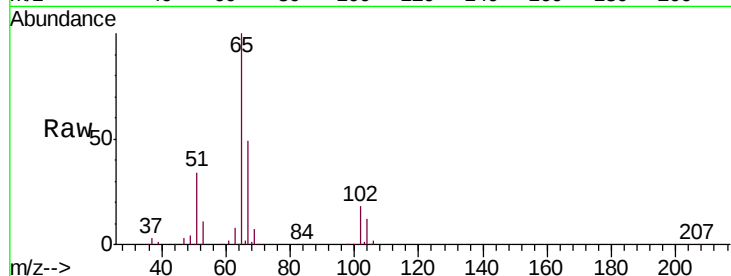
FL-0511

Tot Ion: 65 Resp: 132607

Ion Ratio Lower Upper

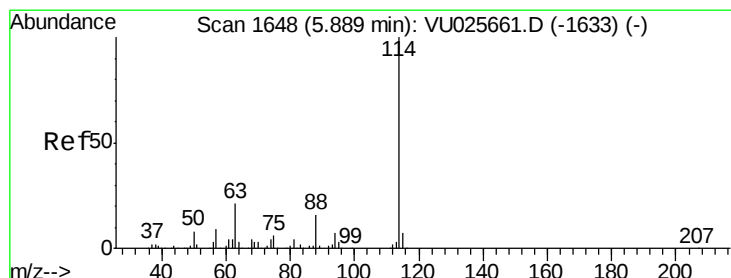
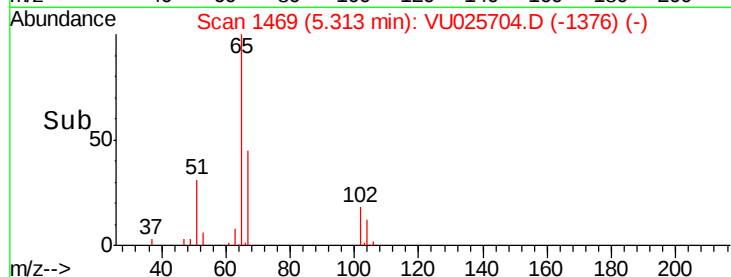
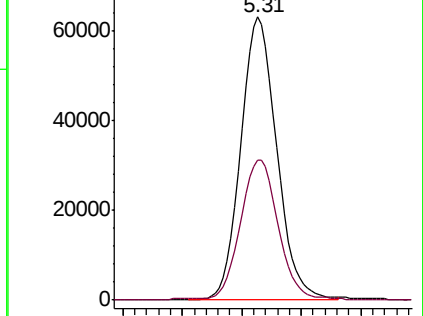
65 100

67 51.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

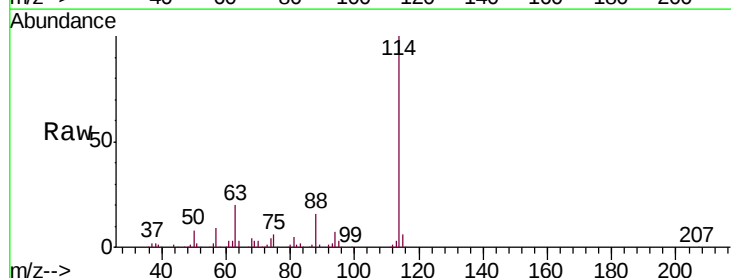
Tgt Ion: 114 Resp: 268580

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

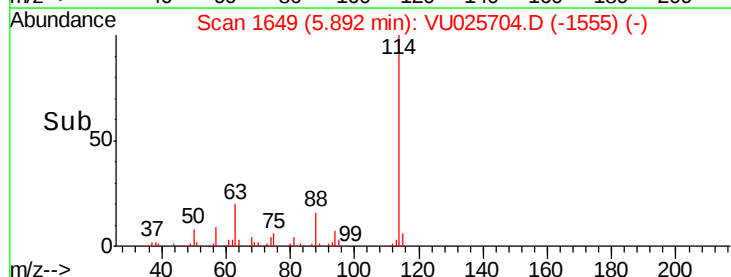
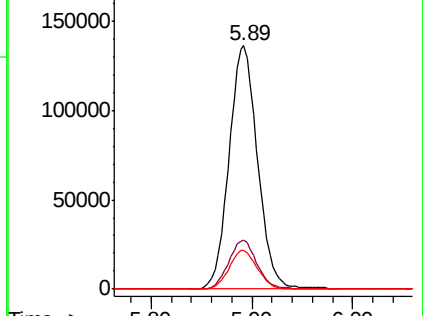
88 15.8 0.0 32.4

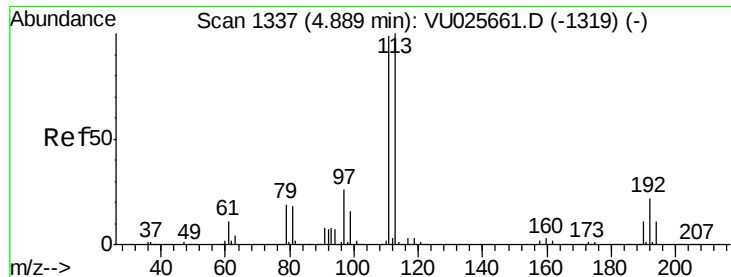


Abundance Ion 113.90 (113.60 to 114.60): VU025661.D (-1633) (-)

Ion 63.00 (62.70 to 63.70): VU025661.D (-1633) (-)

Ion 87.90 (87.60 to 88.60): VU025661.D (-1633) (-)

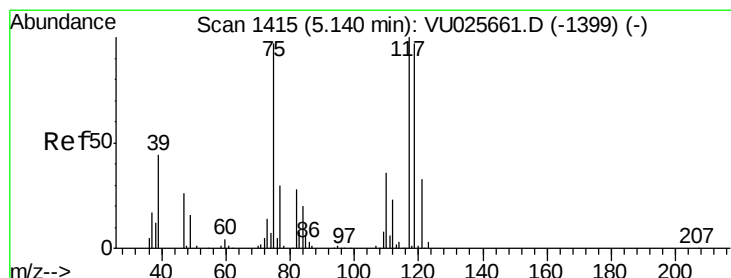
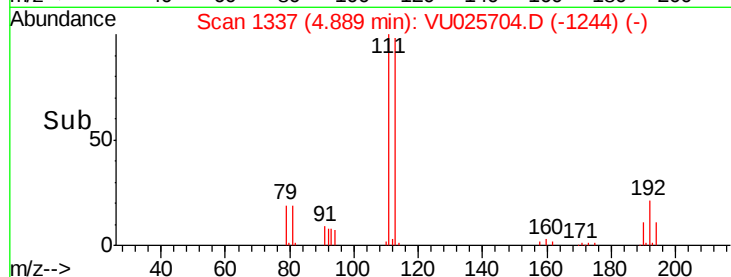
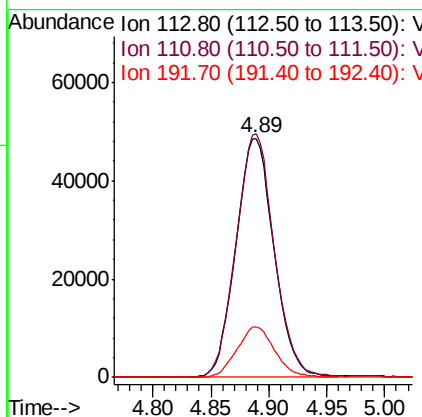
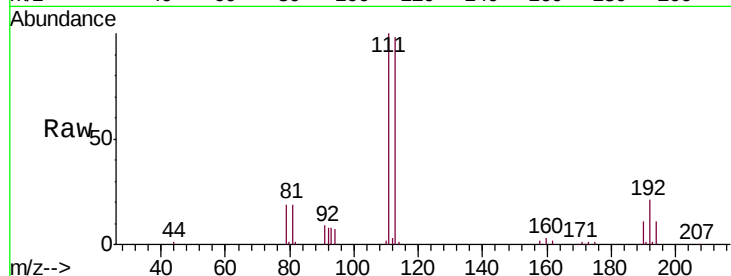




#35
 Dibromofluoromethane
 Concen: 47.56 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

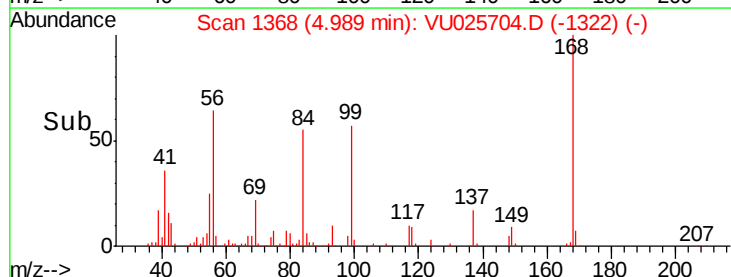
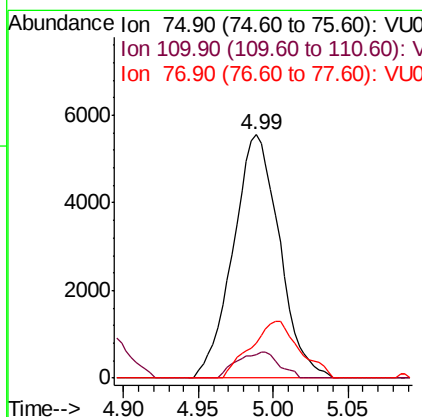
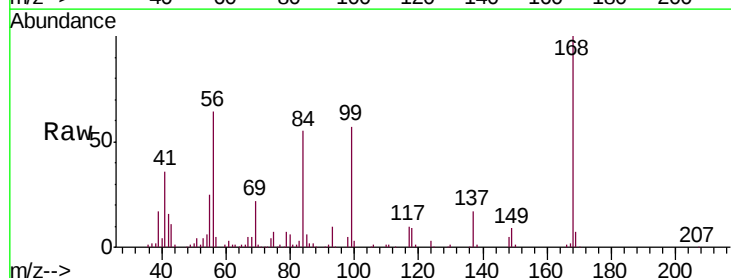
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0511

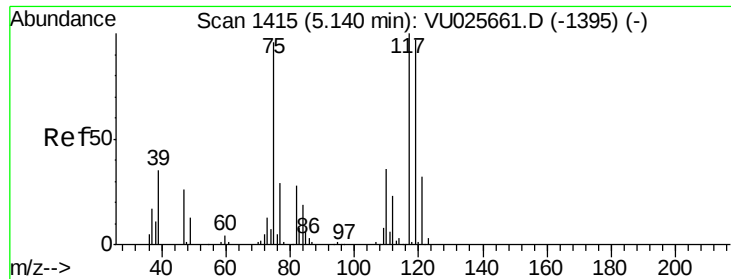
Tot Ion:113 Resp: 111089
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.7 122.5
 192 21.1 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 3.82 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

Tgt Ion: 75 Resp: 11994
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.6 52.9#
 77 24.4 24.4 36.6#

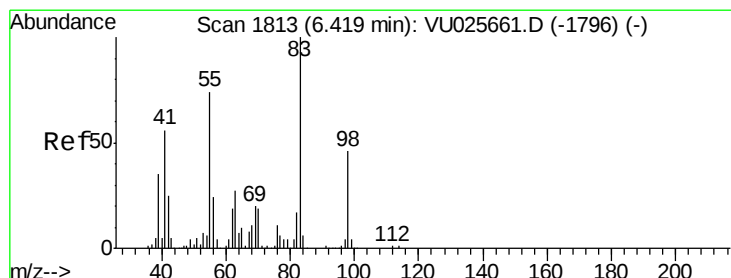
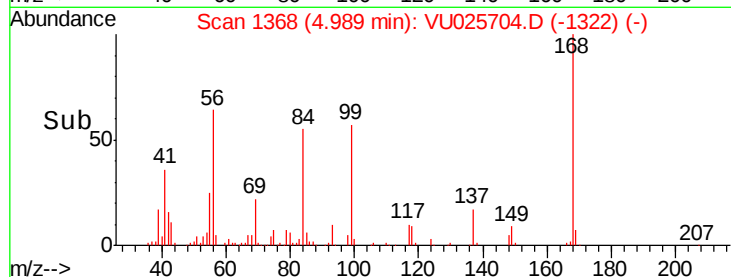
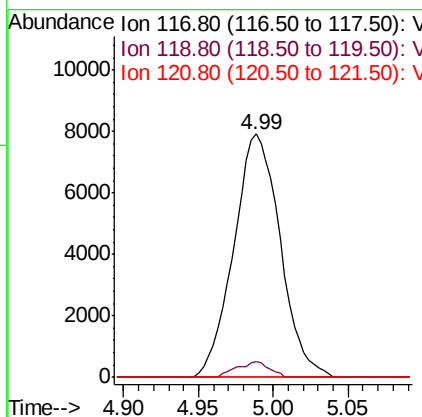
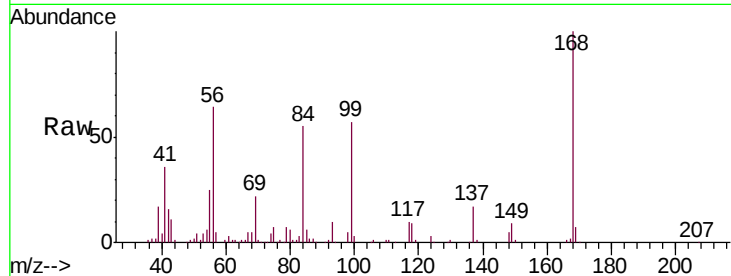




#38
Carbon Tetrachloride
Concen: 4.82 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

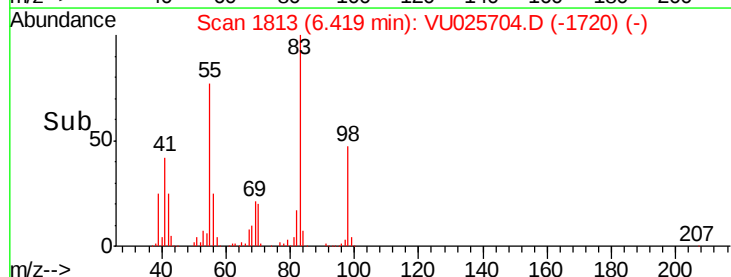
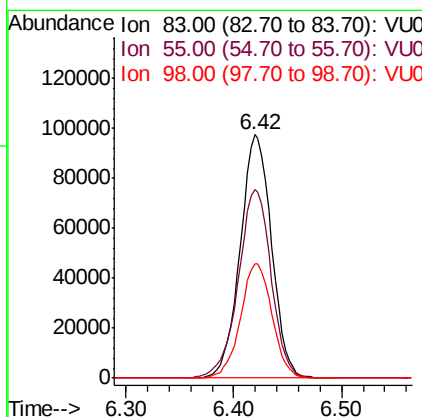
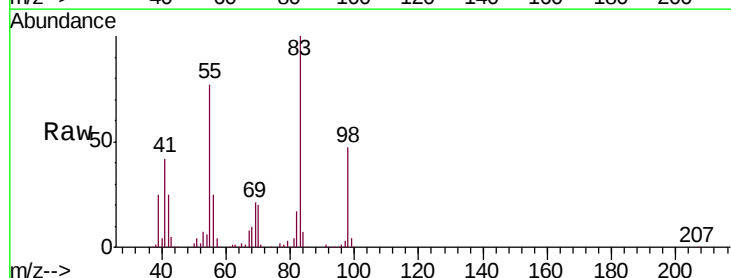
Instrument :
MSVOA_U
ClientSampleId :
FL-0511

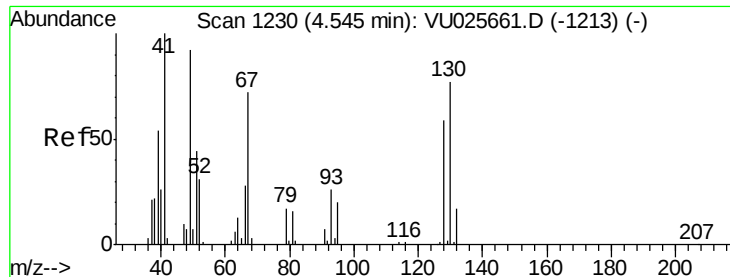
Tot Ion:117 Resp: 17122
Ion Ratio Lower Upper
117 100
119 6.6 75.7 113.5#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 54.94 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

Tgt Ion: 83 Resp: 197581
Ion Ratio Lower Upper
83 100
55 77.2 60.0 90.0
98 46.8 36.1 54.1

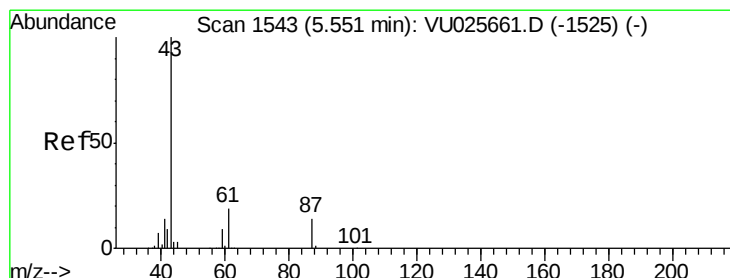
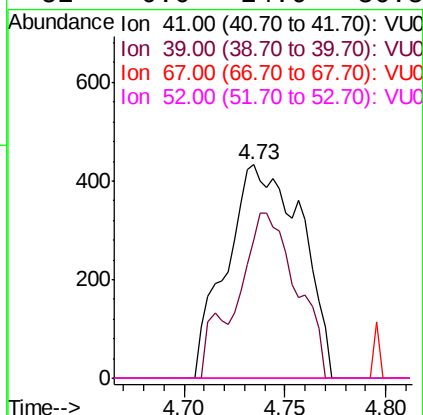
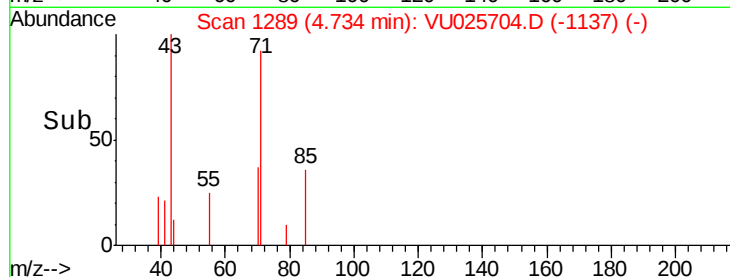
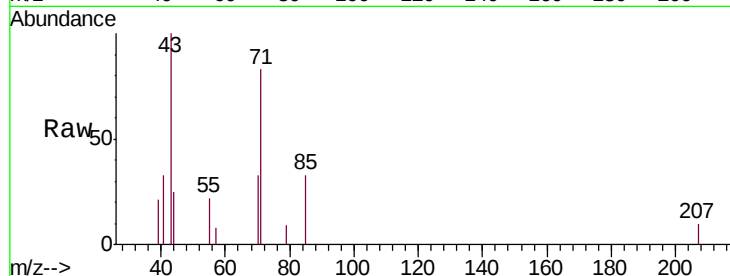




#41
Methacrylonitrile
Concen: 0.62 ug/l
RT: 4.73 min Scan# 1289
Delta R.T. 0.19 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

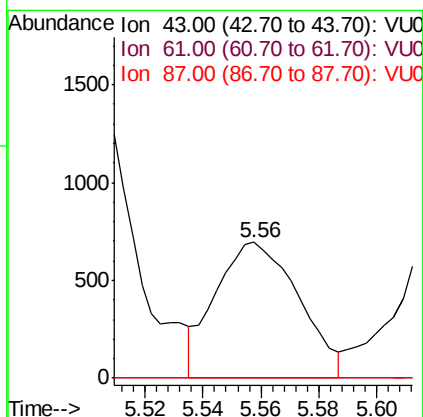
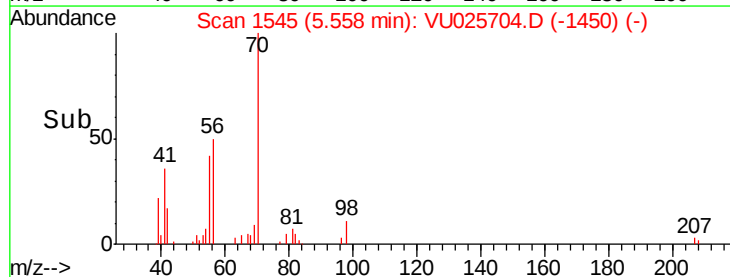
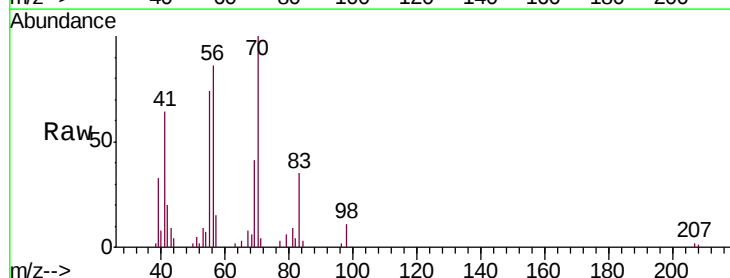
Instrument :
MSVOA_U
ClientSampleId :
FL-0511

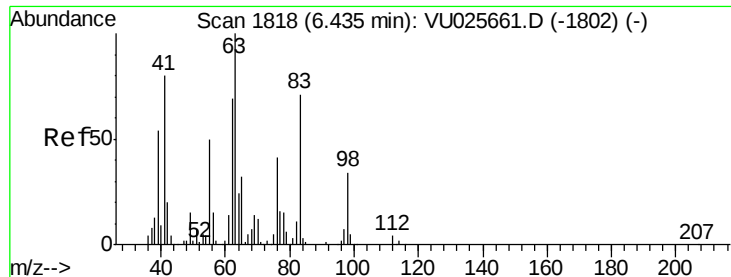
Tot Ion: 41 Resp: 1112
Ion Ratio Lower Upper
41 100
39 54.0 44.4 66.6
67 0.0 56.0 84.0#
52 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 0.26 ug/l
RT: 5.56 min Scan# 1545
Delta R.T. 0.01 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 10.6 16.0#

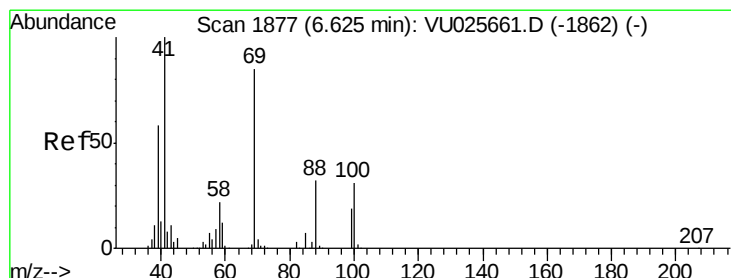
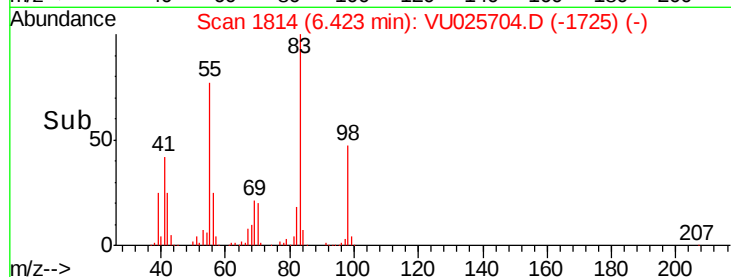
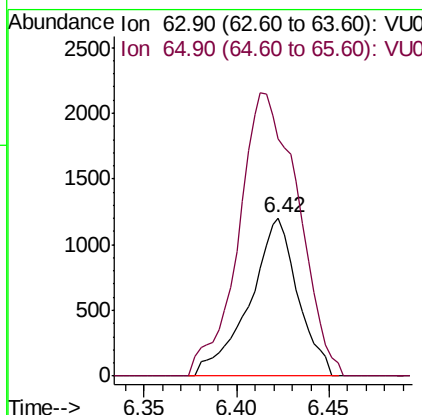
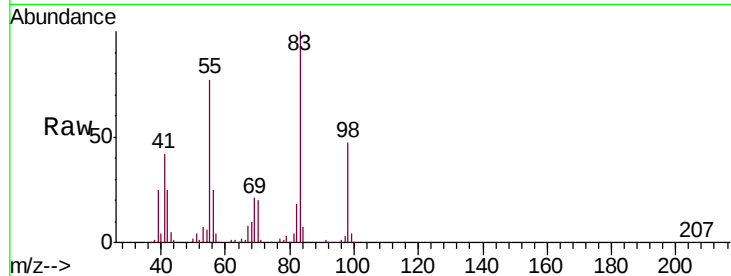




#45
 1,2-Dichloropropane
 Concen: 0.91 ug/l
 RT: 6.42 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

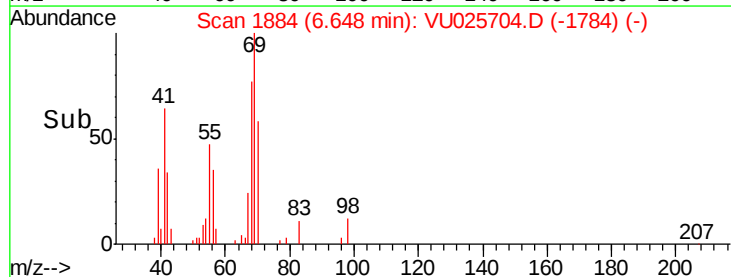
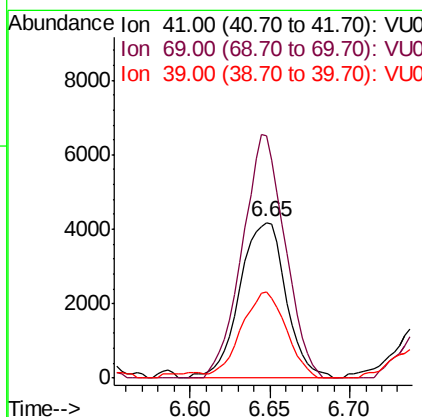
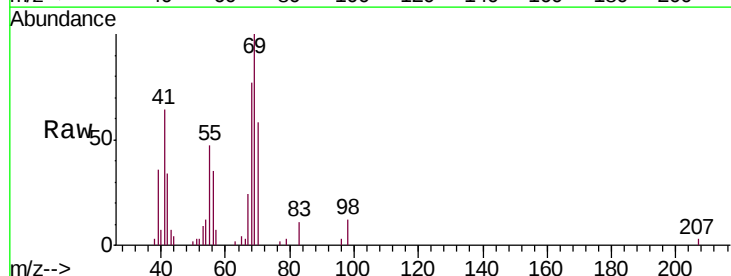
Instrument :
 MSVOA_U
 ClientSampleID :
 FL-0511

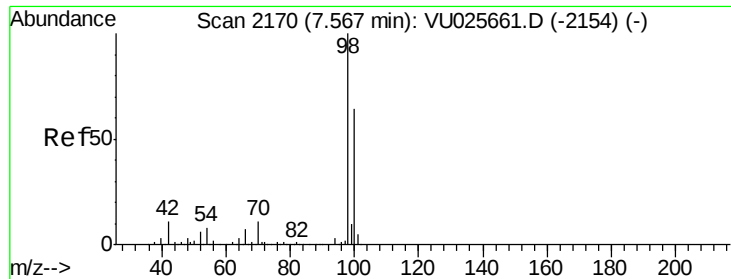
Tot Ion: 63 Resp: 2175
 Ion Ratio Lower Upper
 63 100
 65 150.0 26.1 39.1#



#48
 Methyl methacrylate
 Concen: 3.14 ug/l
 RT: 6.65 min Scan# 1884
 Delta R.T. 0.02 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

Tgt Ion: 41 Resp: 8288
 Ion Ratio Lower Upper
 41 100
 69 144.6 65.0 97.4#
 39 53.6 46.4 69.6

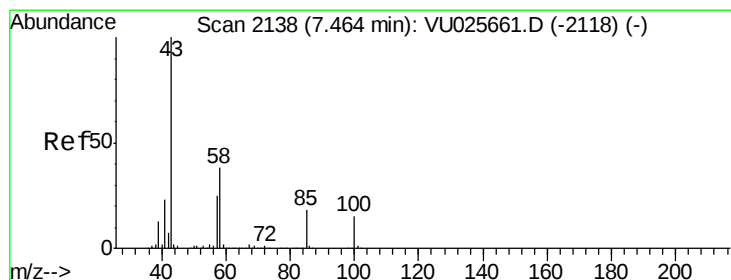
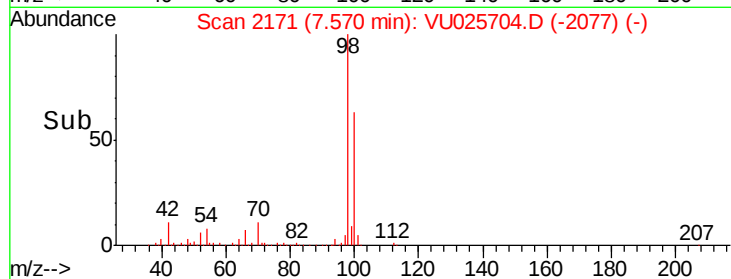
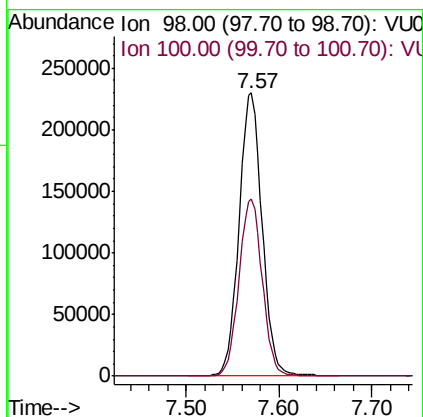
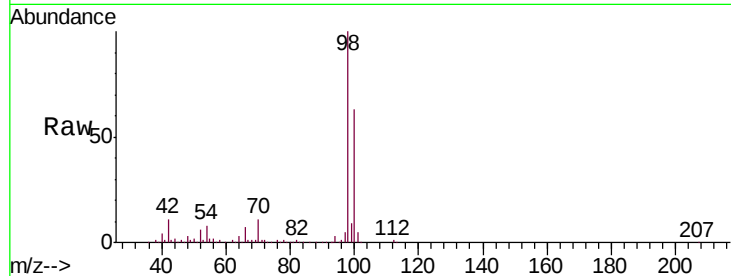




#50
Toluene-d8
Concen: 48.58 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

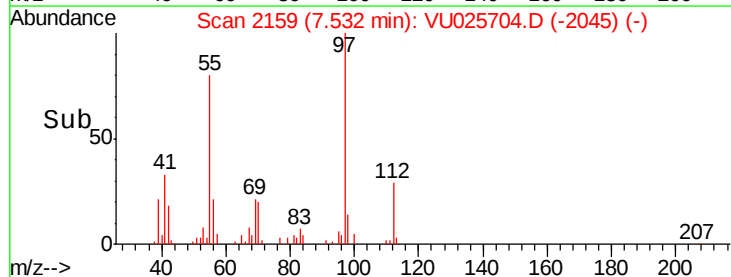
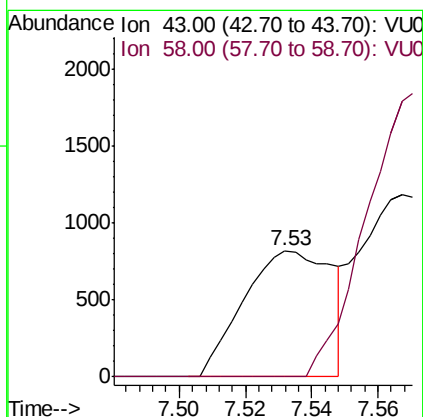
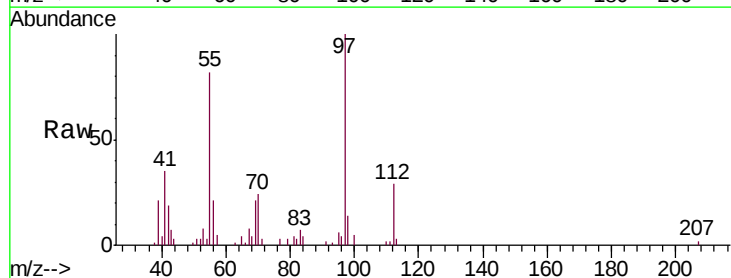
Instrument :
MSVOA_U
ClientSampleId :
FL-0511

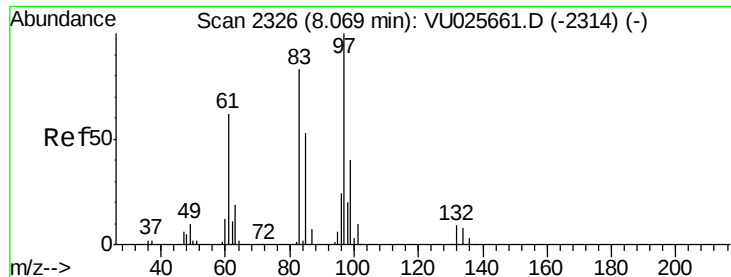
Tot Ion: 98 Resp: 397091
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 7.53 min Scan# 2159
Delta R.T. 0.07 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#

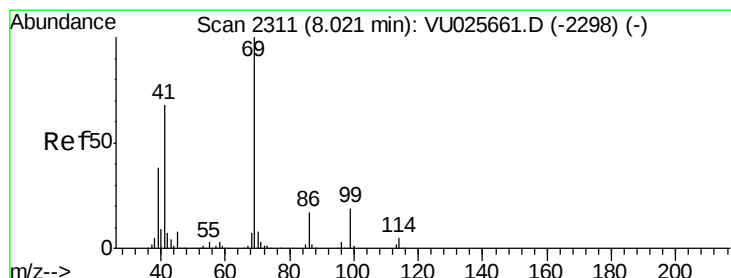
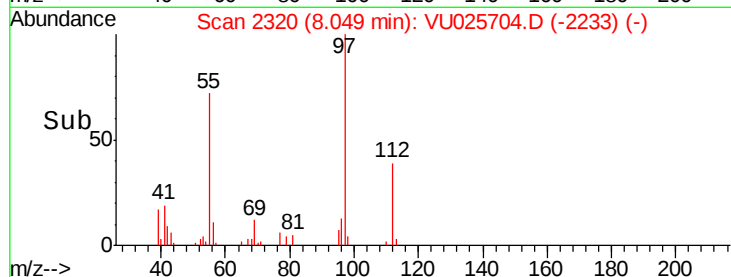
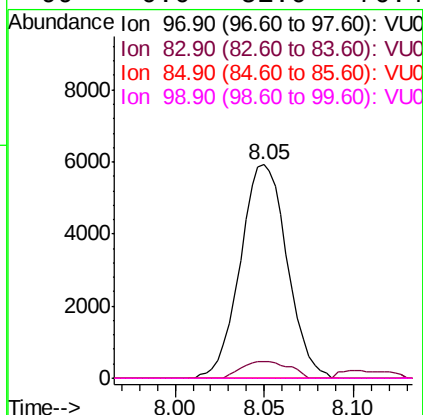
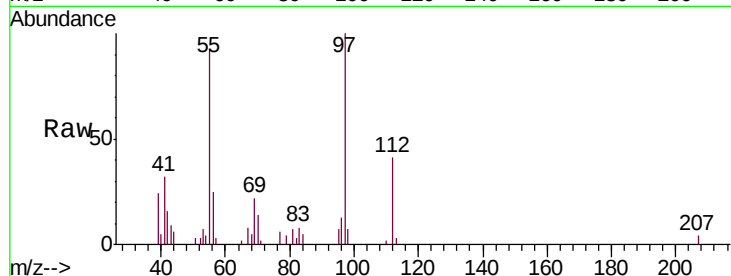




#55
 1,1,2-Trichloroethane
 Concen: 4.58 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

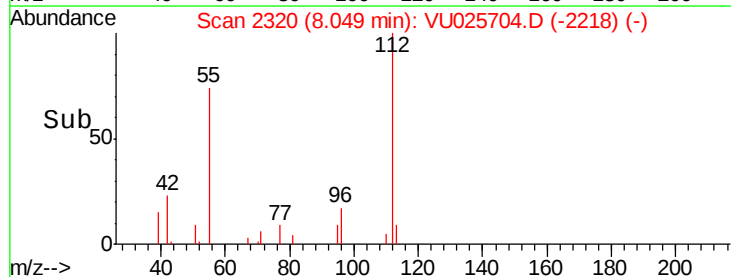
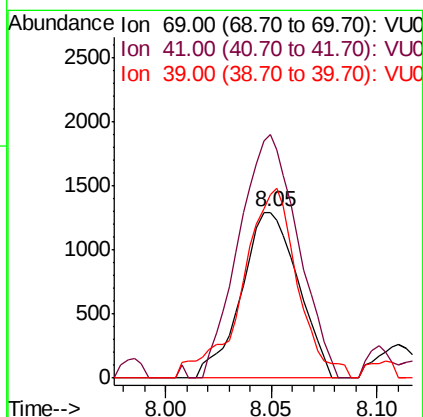
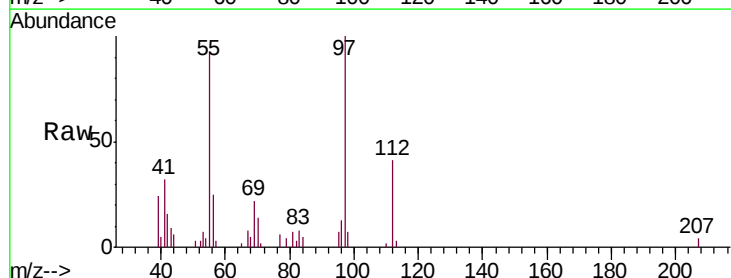
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0511

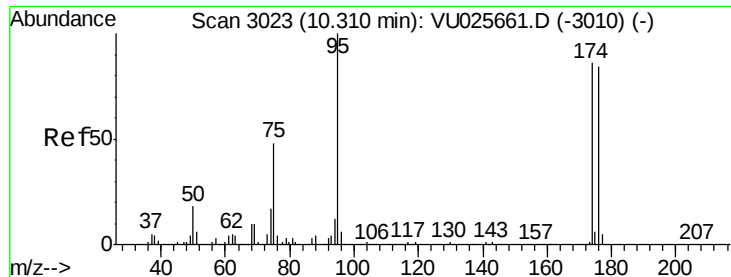
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.8	68.9	103.3#
85	0.0	44.4	66.6#
99	0.0	51.0	76.4#



#56
 Ethyl methacrylate
 Concen: 0.71 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. 0.03 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	153.3	54.8	82.2#
39	111.5	31.1	46.7#





#62

4-Bromofluorobenzene

Concen: 49.70 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampled :

FL-0511

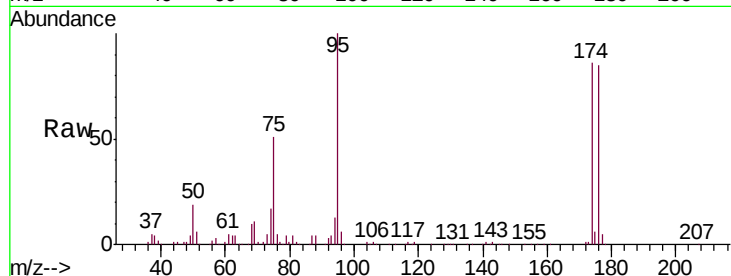
Tot Ion: 95 Resp: 157687

Ion Ratio Lower Upper

95 100

174 87.0 0.0 172.2

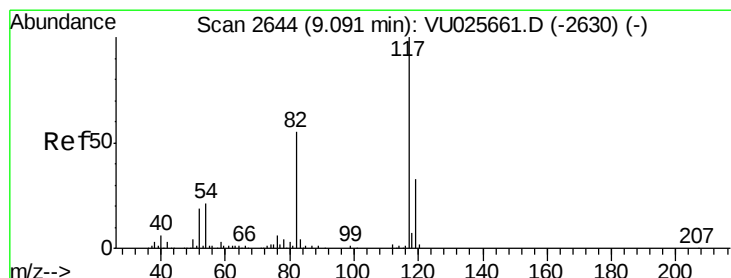
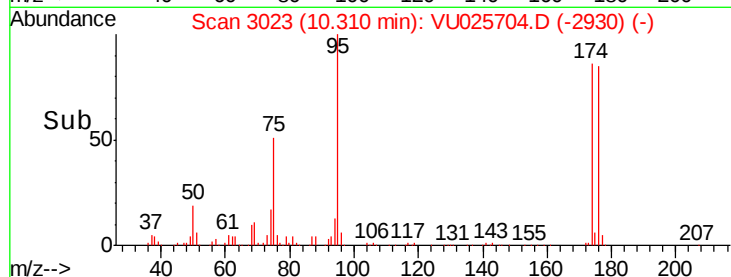
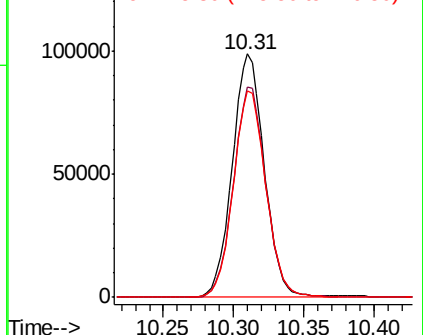
176 85.9 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

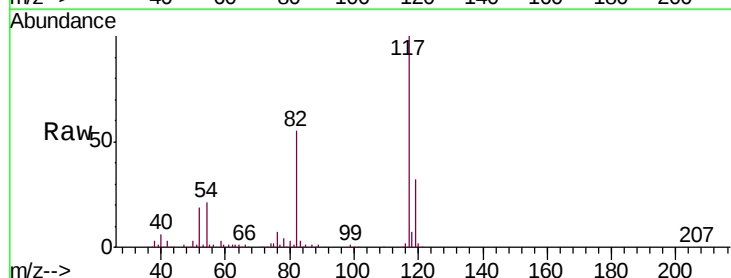
Tgt Ion: 117 Resp: 264479

Ion Ratio Lower Upper

117 100

82 55.0 46.0 69.0

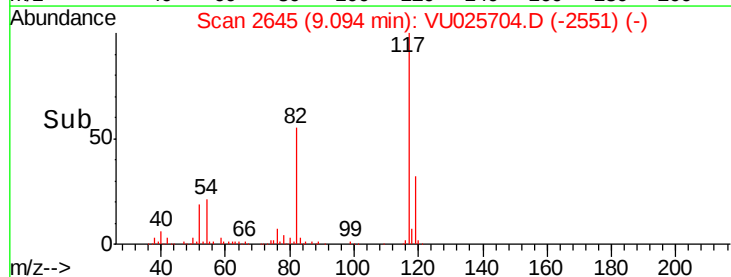
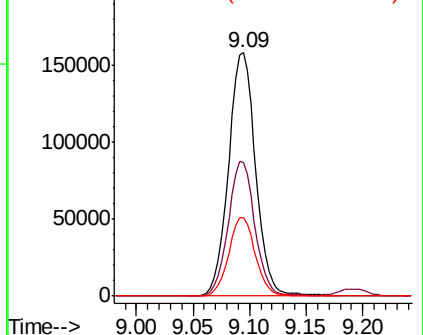
119 32.2 26.0 39.0

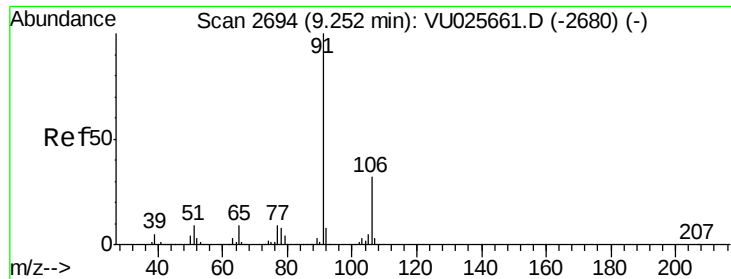


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

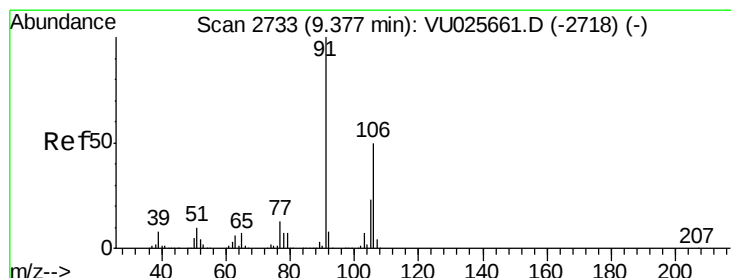
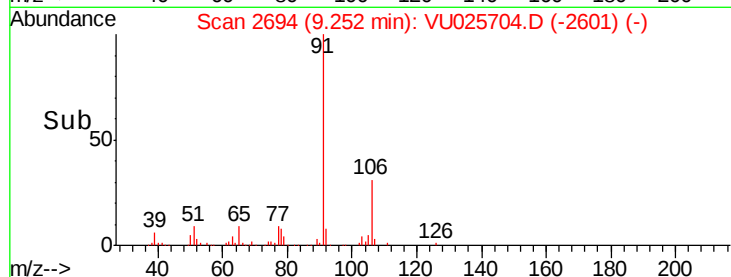
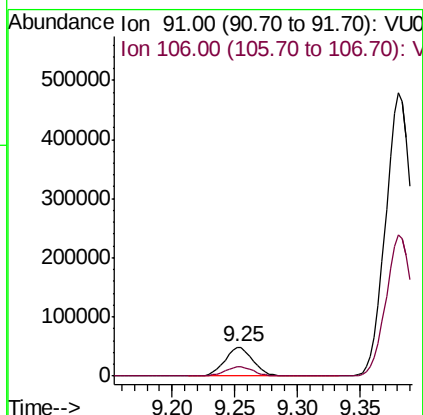
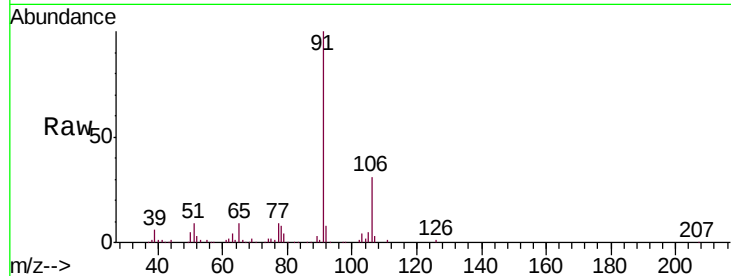




#67
Ethyl Benzene
Concen: 6.81 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

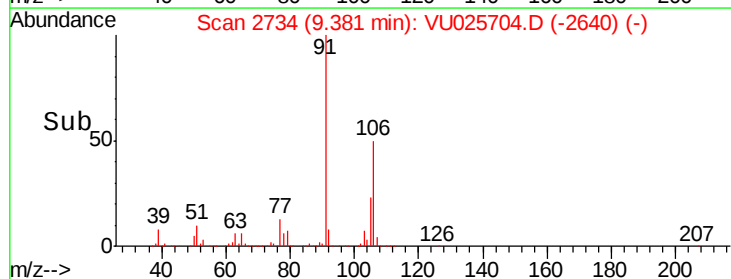
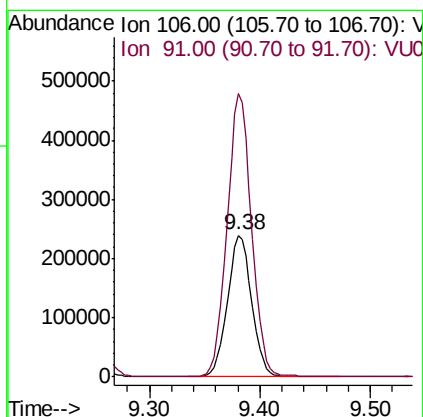
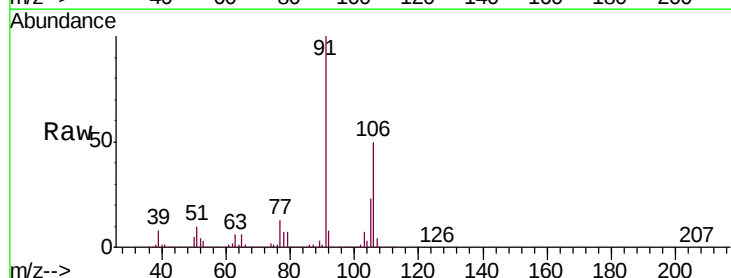
Instrument :
MSVOA_U
ClientSampleId :
FL-0511

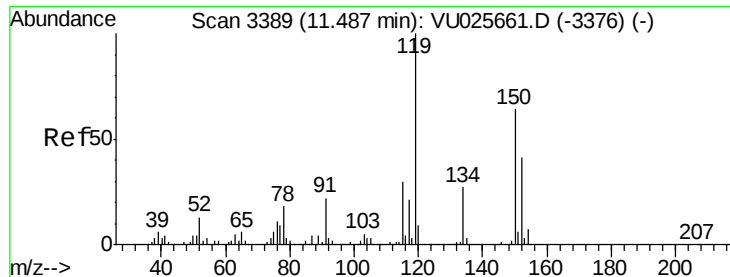
Tot Ion: 91 Resp: 76901
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 84.00 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025704.D
Acq: 28 Jul 2018 05:45

Tgt Ion: 106 Resp: 364277
Ion Ratio Lower Upper
106 100
91 201.7 162.3 243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0511

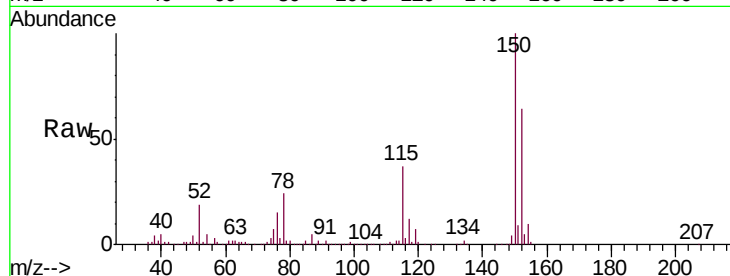
Tot Ion:152 Resp: 171830

Ion Ratio Lower Upper

152 100

115 57.8 40.1 120.3

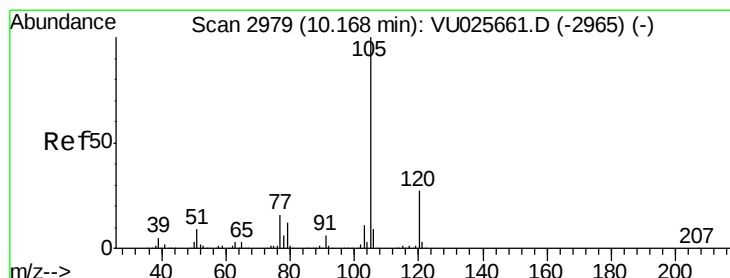
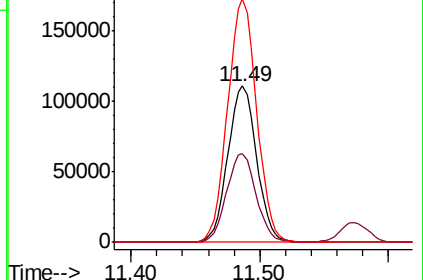
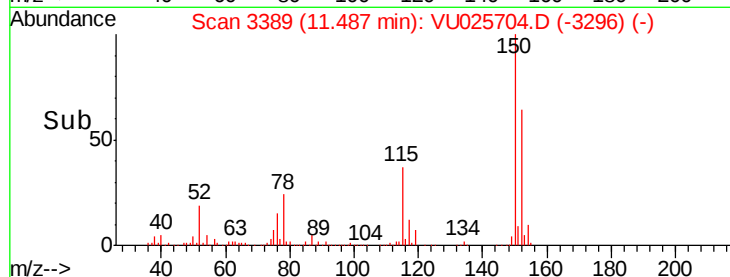
150 156.6 0.0 351.4



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: 16.96 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025704.D

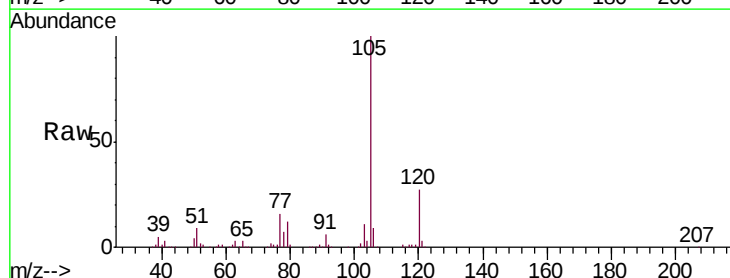
Acq: 28 Jul 2018 05:45

Tgt Ion:105 Resp: 198921

Ion Ratio Lower Upper

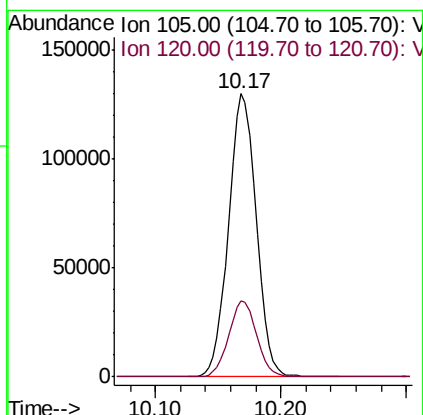
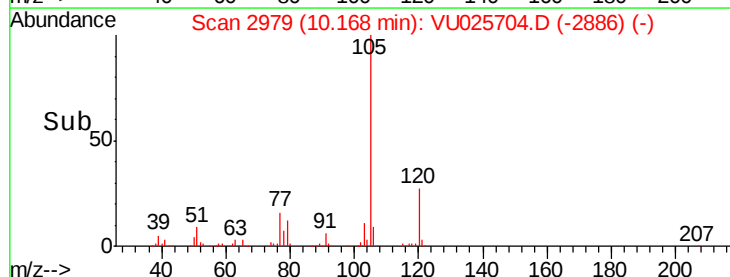
105 100

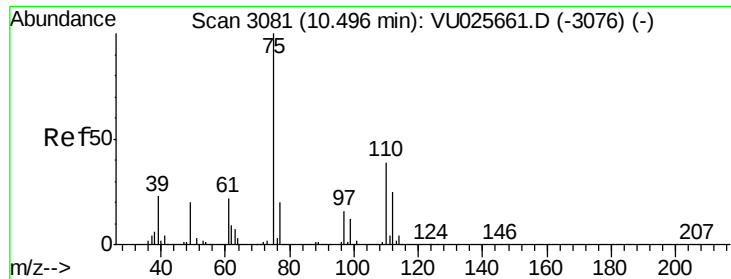
120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 21.66 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

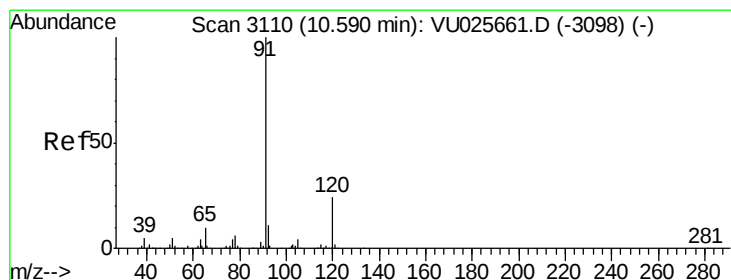
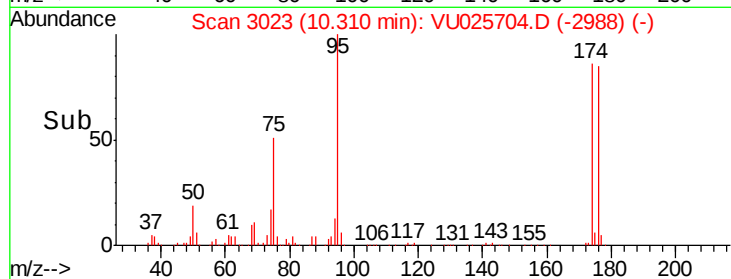
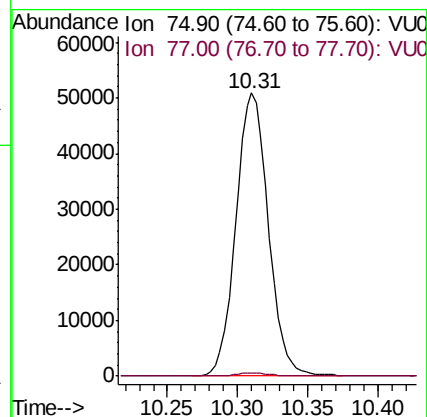
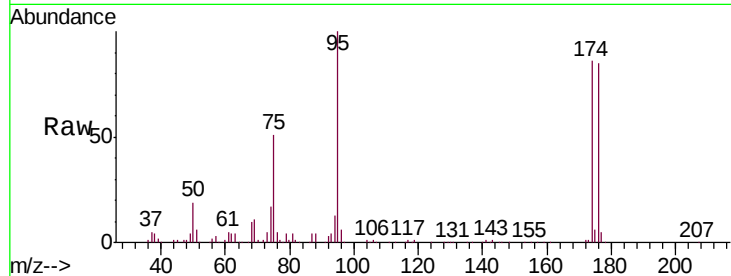
FL-0511

Tot Ion: 75 Resp: 82001

Ion Ratio Lower Upper

75 100

77 0.0 20.4 61.3#



#78

n-propylbenzene

Concen: 18.83 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025704.D

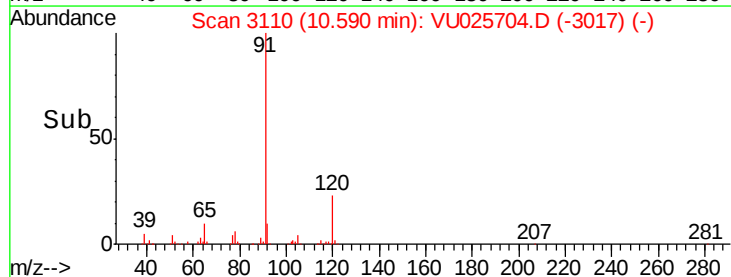
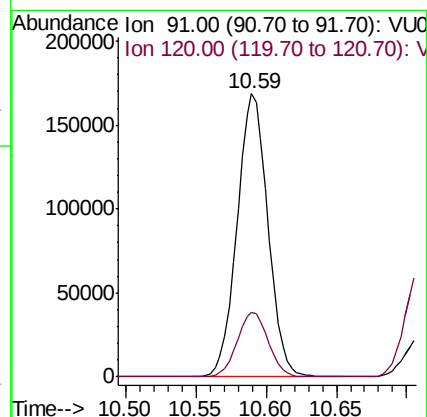
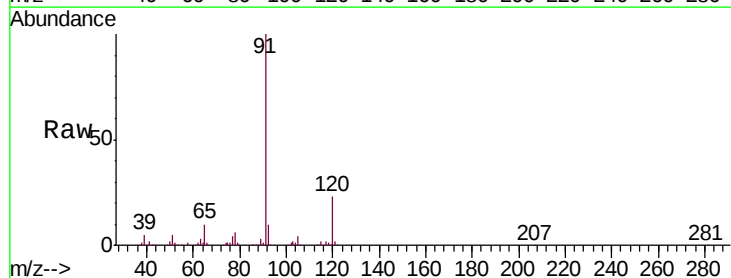
Acq: 28 Jul 2018 05:45

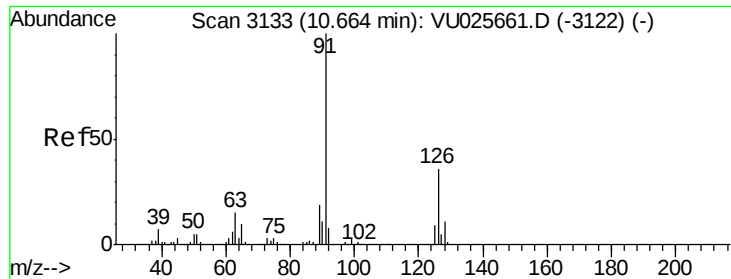
Tgt Ion: 91 Resp: 257804

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.3

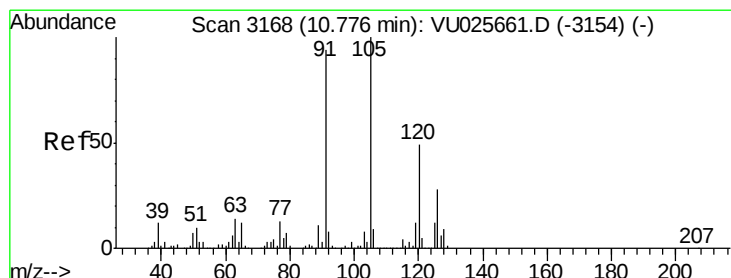
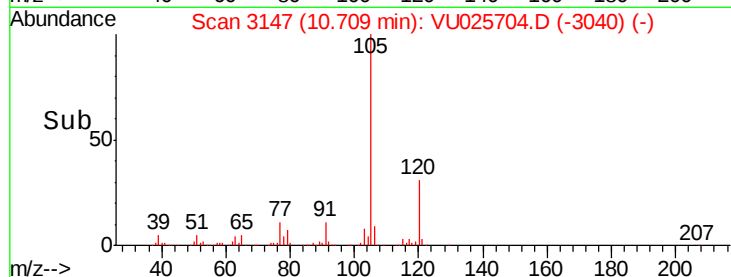
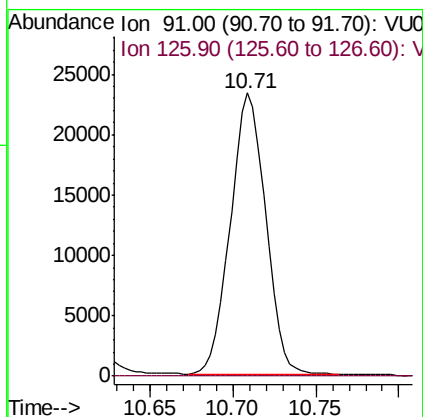
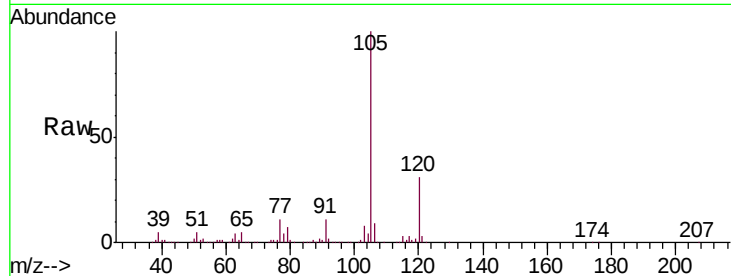




#79
 2-Chlorotoluene
 Concen: 4.32 ug/l
 RT: 10.71 min Scan# 3147
 Delta R.T. 0.05 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

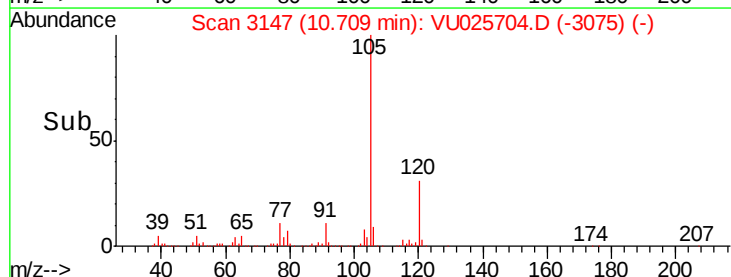
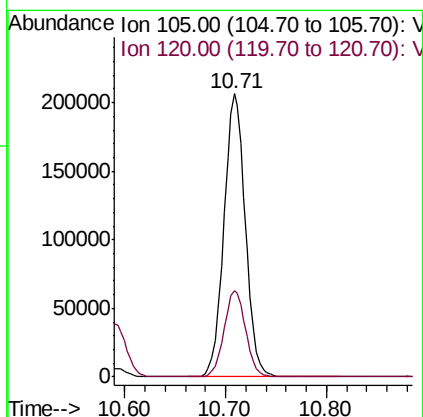
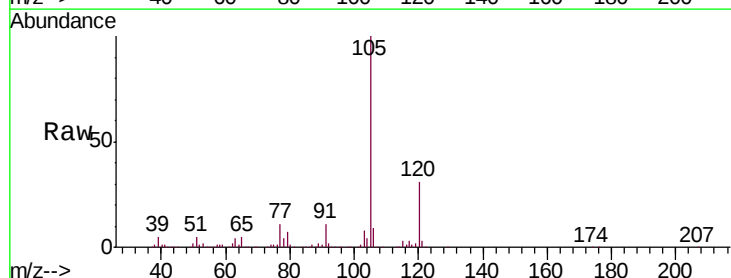
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0511

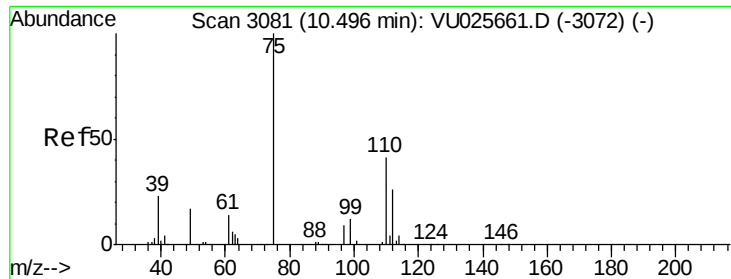
Tot Ion: 91 Resp: 34671
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.5 52.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 30.68 ug/l
 RT: 10.71 min Scan# 3147
 Delta R.T. -0.07 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

Tgt Ion:105 Resp: 305580
 Ion Ratio Lower Upper
 105 100
 120 30.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 54.31 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0511

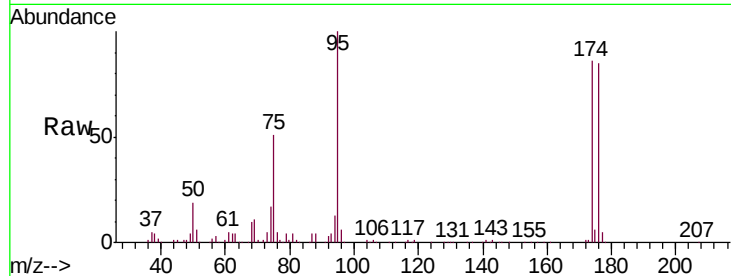
Tot Ion: 75 Resp: 82001

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

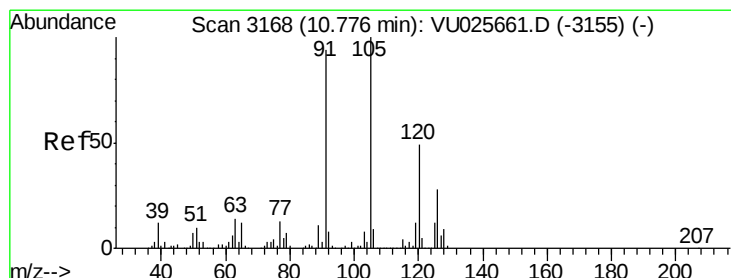
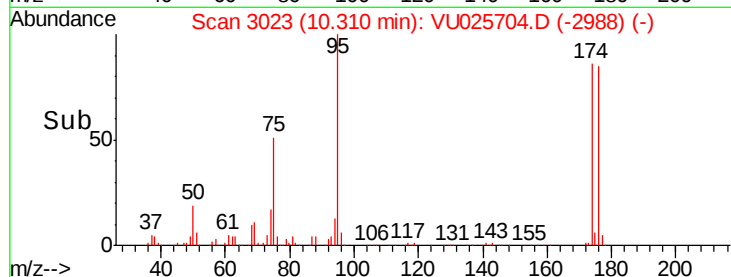
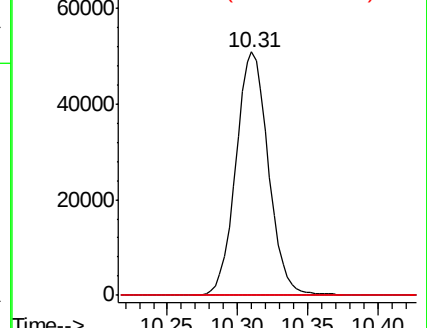
89 0.0 0.0 0.0



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: 3.67 ug/l

RT: 10.71 min Scan# 3147

Delta R.T. -0.07 min

Lab File: VU025704.D

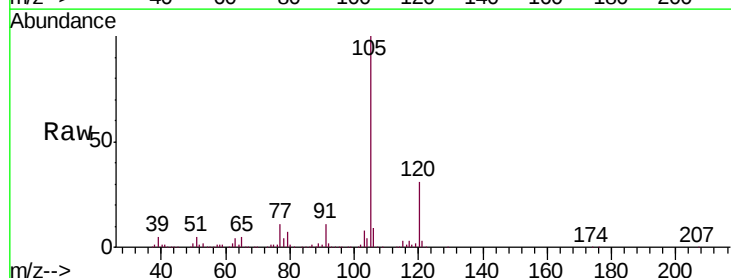
Acq: 28 Jul 2018 05:45

Tgt Ion: 91 Resp: 34671

Ion Ratio Lower Upper

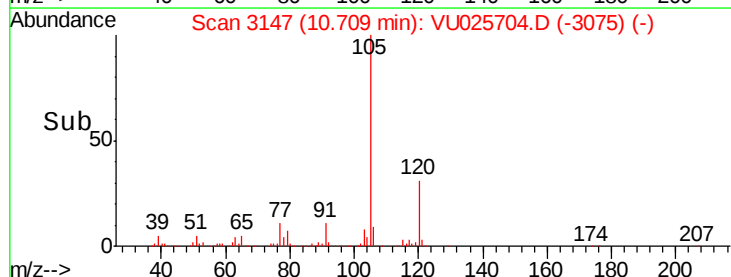
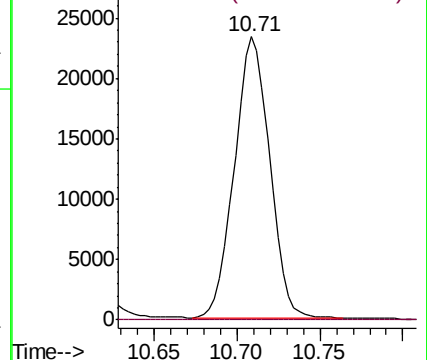
91 100

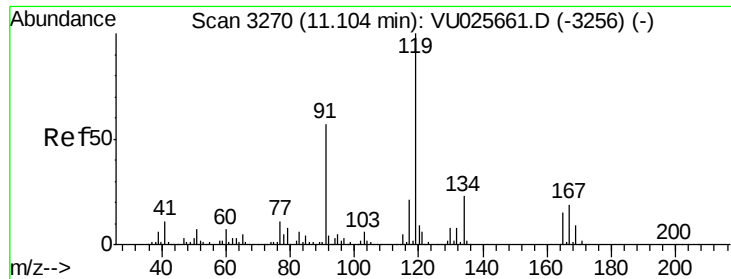
126 0.0 15.3 45.9#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

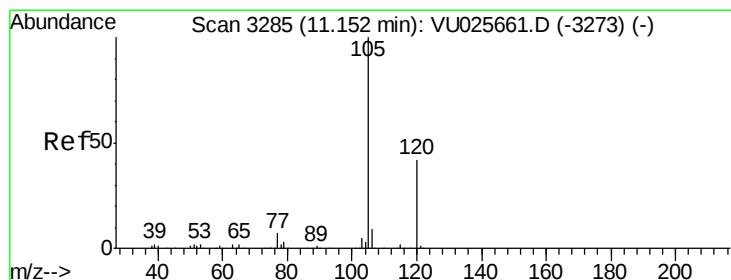
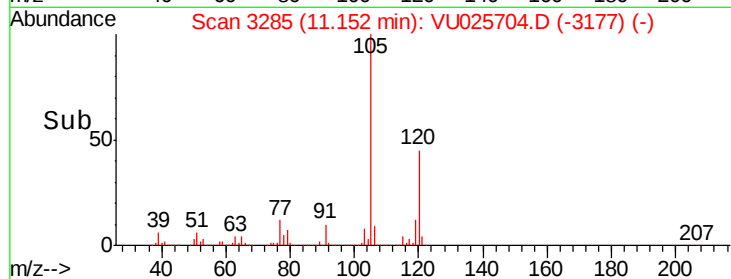
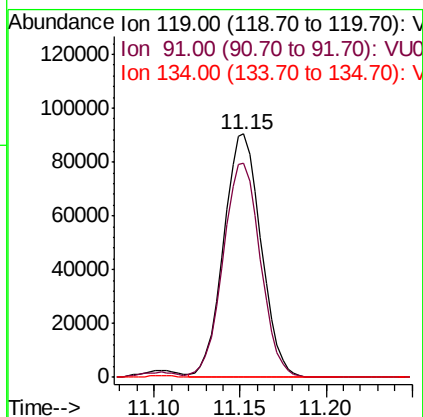
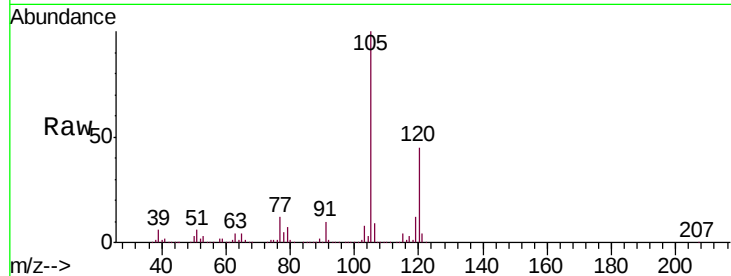




#83
 tert-Butylbenzene
 Concen: 13.82 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.05 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

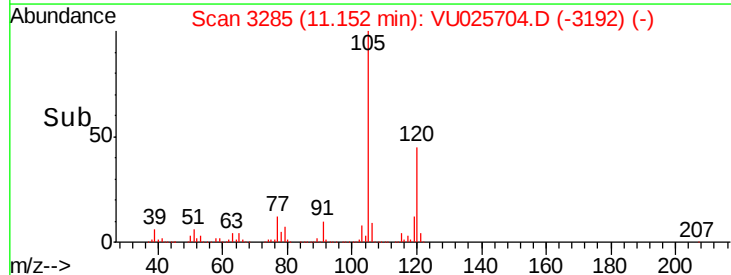
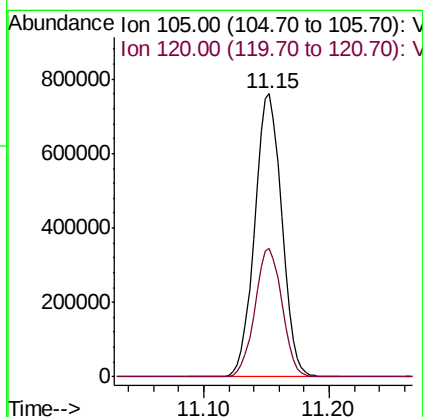
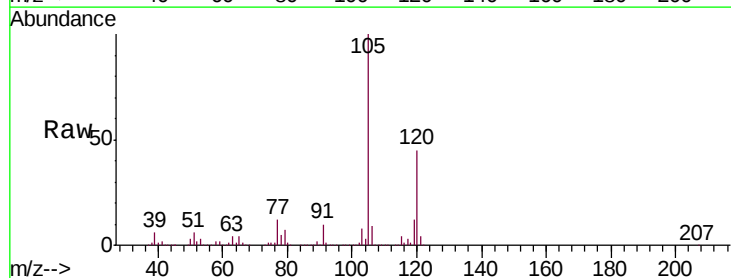
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0511

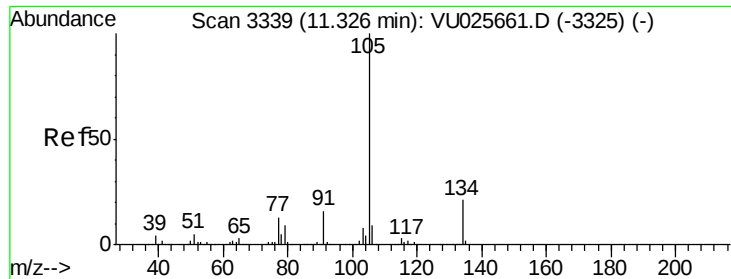
Tot Ion:119 Resp: 136809
 Ion Ratio Lower Upper
 119 100
 91 87.8 29.7 89.1
 134 0.0 11.5 34.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 113.29 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025704.D
 Acq: 28 Jul 2018 05:45

Tgt Ion:105 Resp: 1143429
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 94.64 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. -0.17 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampled :

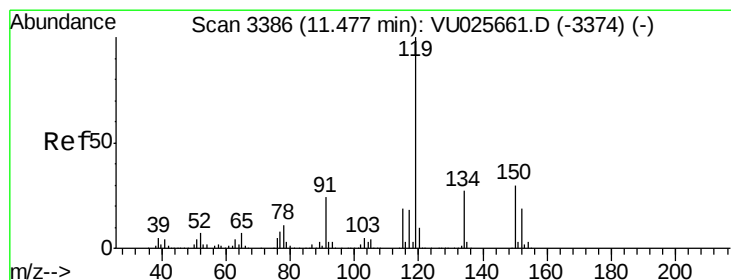
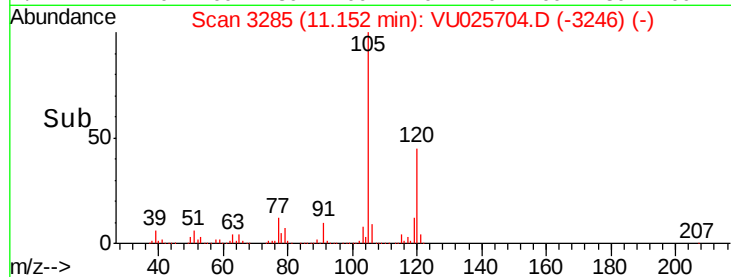
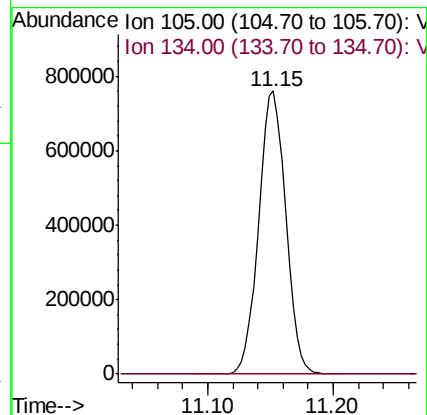
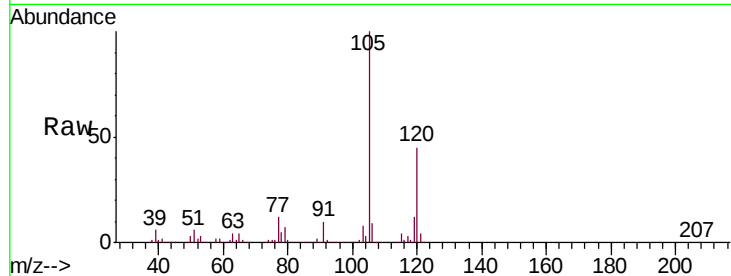
FL-0511

Tot Ion:105 Resp: 1143429

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#



#86

p-Isopropyltoluene

Concen: 2.37 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

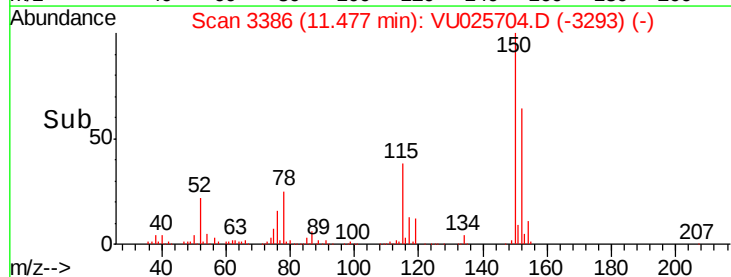
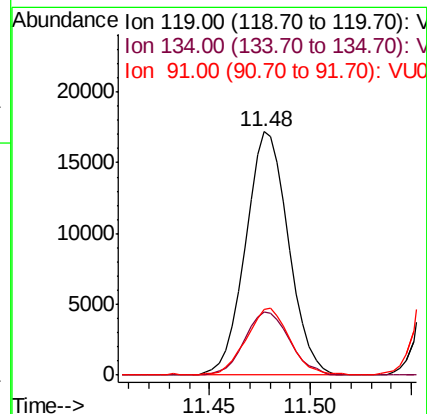
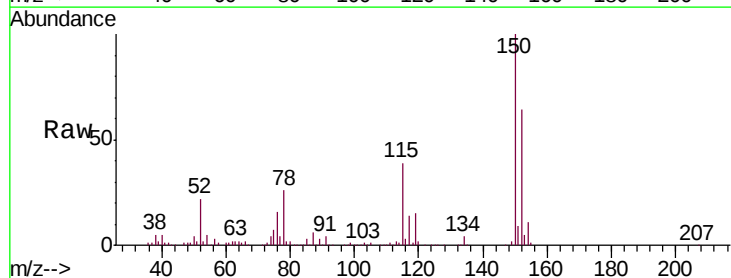
Tgt Ion:119 Resp: 25602

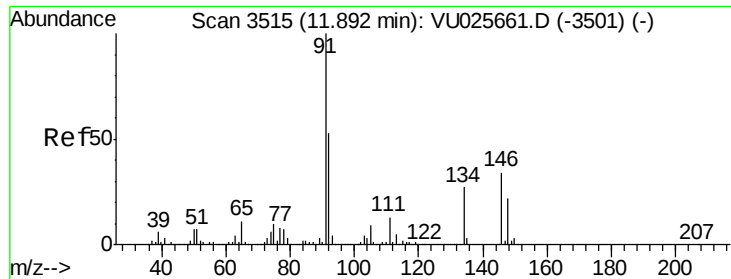
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 28.0 12.0 36.1





#89

n-Butylbenzene

Concen: 1.76 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0511

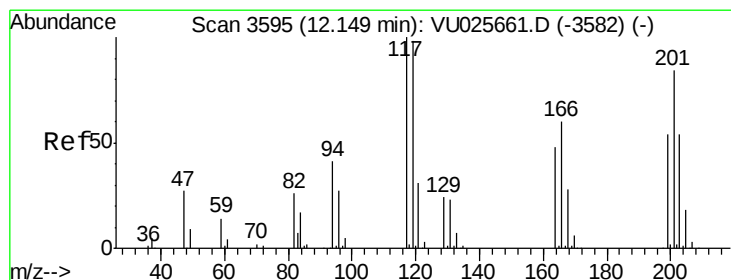
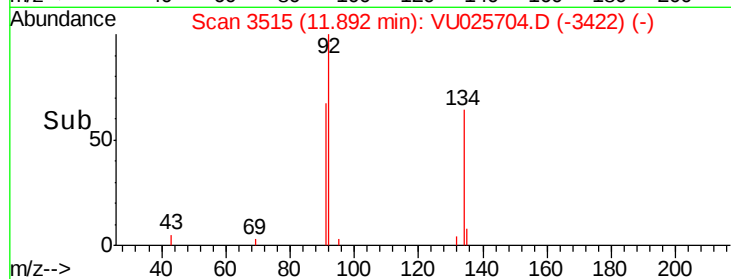
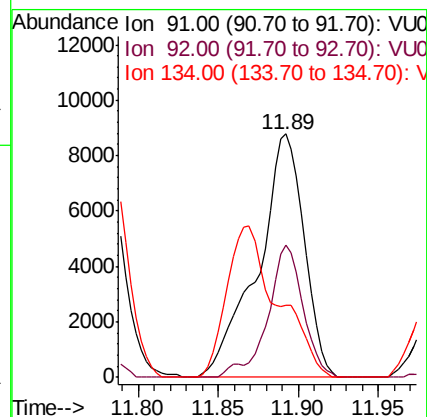
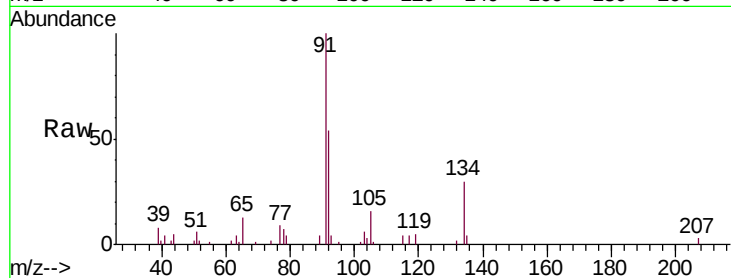
Tot Ion: 91 Resp: 17604

Ion Ratio Lower Upper

91 100

92 41.4 26.5 79.5

134 0.0 13.6 40.7#



#90

Hexachloroethane

Concen: 2.65 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025704.D

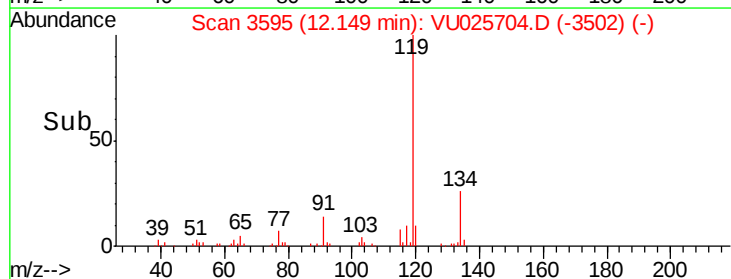
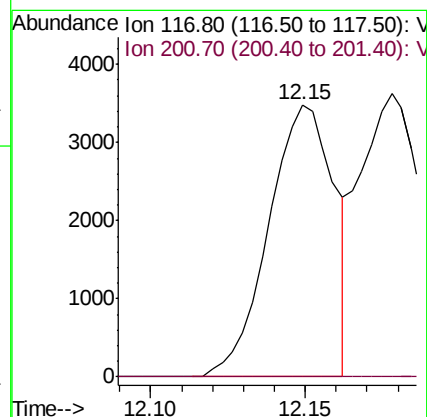
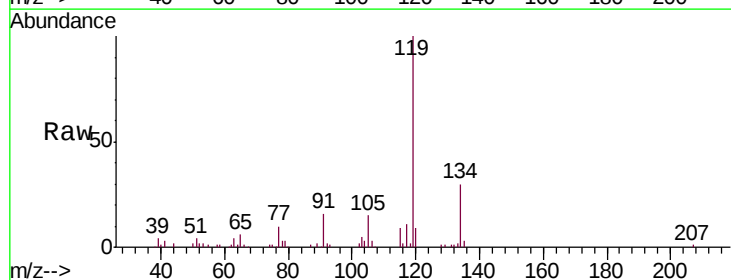
Acq: 28 Jul 2018 05:45

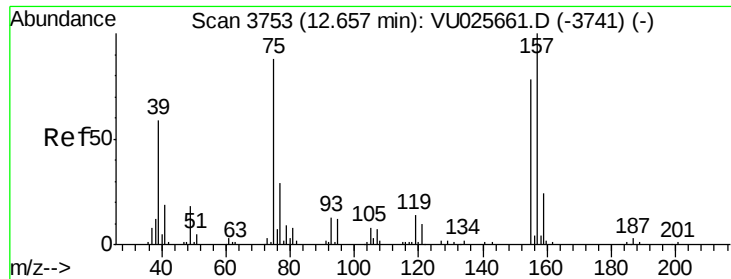
Tgt Ion: 117 Resp: 5104

Ion Ratio Lower Upper

117 100

201 0.0 42.5 127.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.38 ug/l

RT: 12.65 min Scan# 3750

Delta R.T. -0.01 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

Instrument :

MSVOA_U

ClientSampleId :

FL-0511

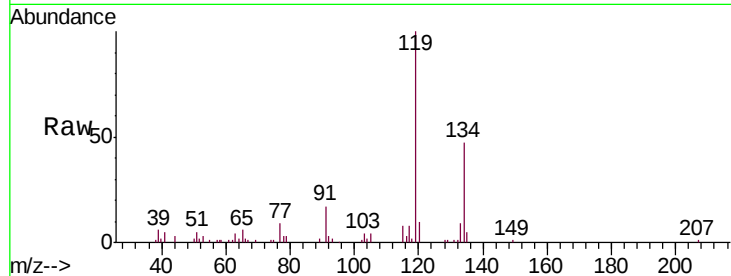
Tot Ion: 75 Resp: 367

Ion Ratio Lower Upper

75 100

155 0.0 44.5 133.3#

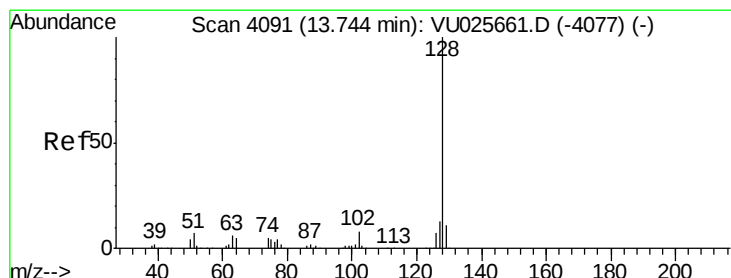
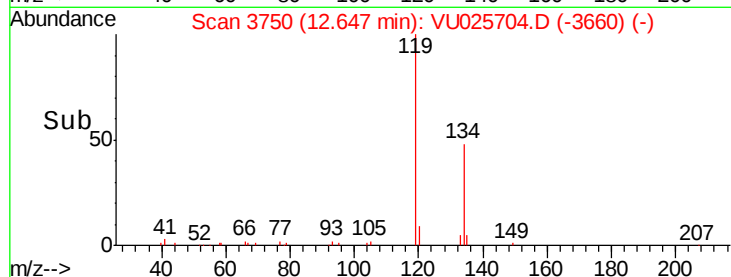
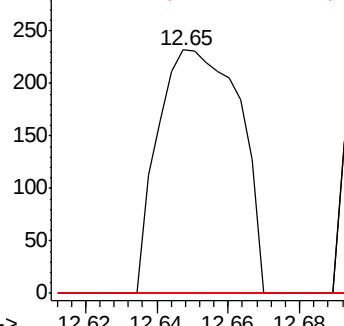
157 0.0 57.0 170.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 24.81 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025704.D

Acq: 28 Jul 2018 05:45

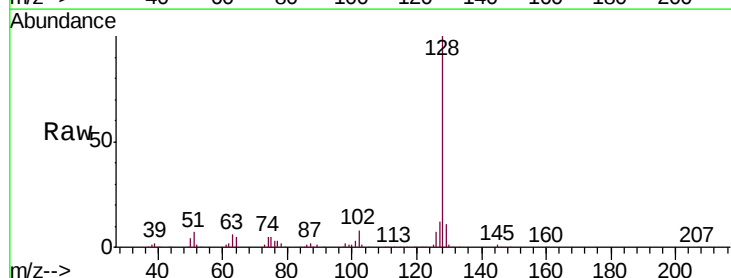
Tgt Ion: 128 Resp: 308260

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.1 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

