

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025705.D
 Acq On : 28 Jul 2018 06:09
 Operator : MD/SY
 Sample : J4208-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0512

Quant Time: Jul 30 00:41:06 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	177214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275504	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	271373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	186464	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	138823	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
35) Dibromofluoromethane	4.89	113	114906	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	7.57	98	401446	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	10.31	95	169587	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	

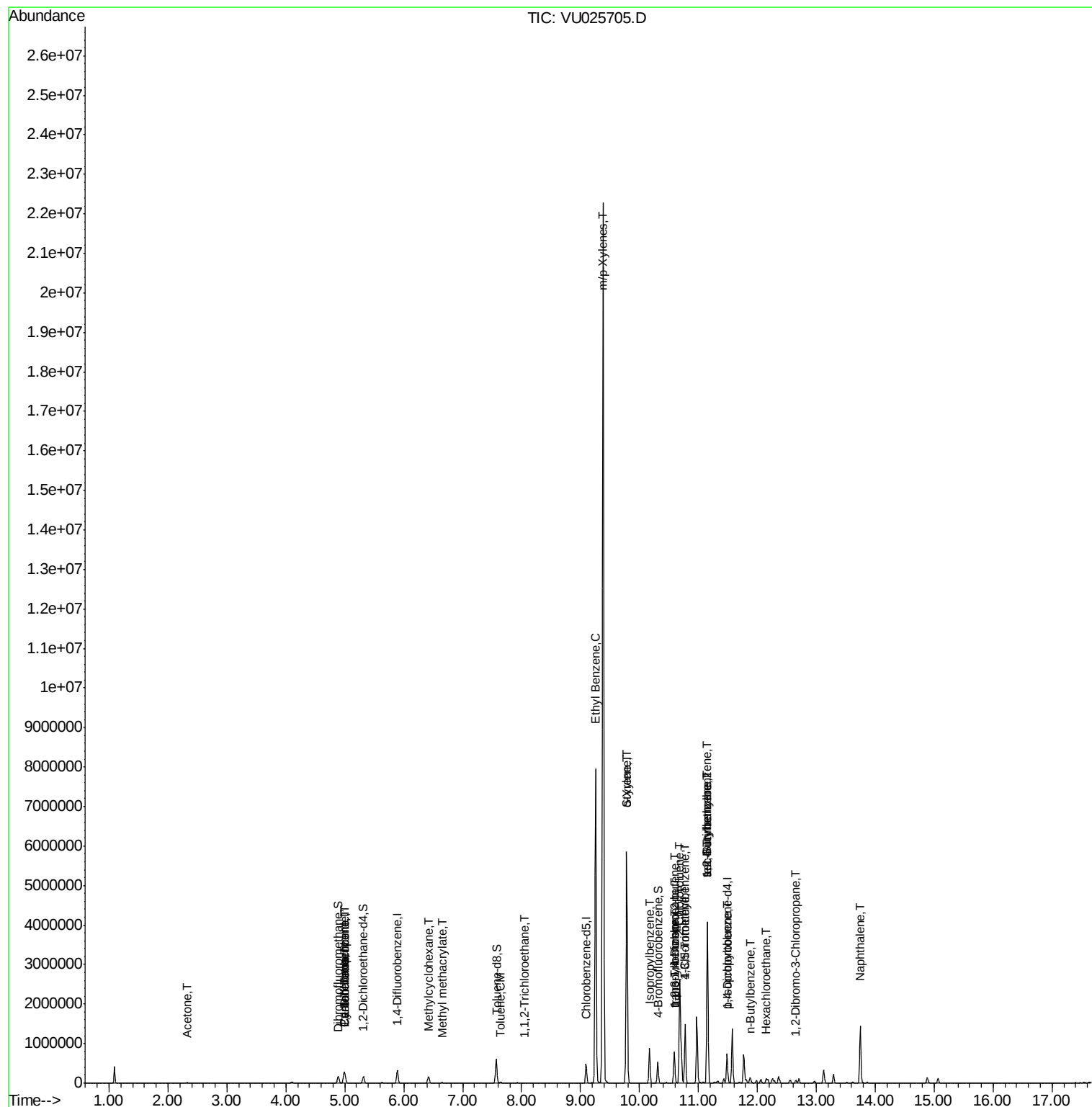
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.02	56	19	Below Cal	#	1
16) Acetone	2.32	43	14719	10.93	ug/l	100
31) Cyclohexane	5.00	56	46637	12.23	ug/l	94
36) 1,1-Dichloropropene	4.99	75	12930	4.02	ug/l #	45
38) Carbon Tetrachloride	4.99	117	17743	4.87	ug/l #	16
39) Methylcyclohexane	6.42	83	70804	19.19	ug/l	98
48) Methyl methacrylate	6.64	41	3729	1.38	ug/l #	59
52) Toluene	7.64	92	12723	2.18	ug/l	100
55) 1,1,2-Trichloroethane	8.05	97	2226	0.92	ug/l #	15
67) Ethyl Benzene	9.26	91	5522508	476.51	ug/l	100
68) m/p-Xylenes	9.38	106	6393086	1436.83	ug/l	98
69) o-Xylene	9.78	106	1563131	359.46	ug/l	98
70) Styrene	9.78	104	77070	10.97	ug/l #	1
73) Isopropylbenzene	10.17	105	561003	44.08	ug/l	100
76) 1,2,3-Trichloropropane	10.59	75	3855	0.94	ug/l #	1
78) n-propylbenzene	10.59	91	591226	39.80	ug/l	100
79) 2-Chlorotoluene	10.68	91	246215	28.30	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.78	105	786208	72.74	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.59	75	3855	2.35	ug/l #	100
82) 4-Chlorotoluene	10.78	91	83222	8.11	ug/l #	44
83) tert-Butylbenzene	11.15	119	269371	25.08	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.15	105	2208033	201.60	ug/l	98
85) sec-Butylbenzene	11.15	105	2208033	168.41	ug/l #	56
86) p-Isopropyltoluene	11.48	119	17648	1.50	ug/l	95
89) n-Butylbenzene	11.88	91	23489	2.17	ug/l #	19
90) Hexachloroethane	12.15	117	5767	2.76	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.65	75	312	0.30	ug/l #	1
95) Naphthalene	13.74	128	1151593	82.34	ug/l	99

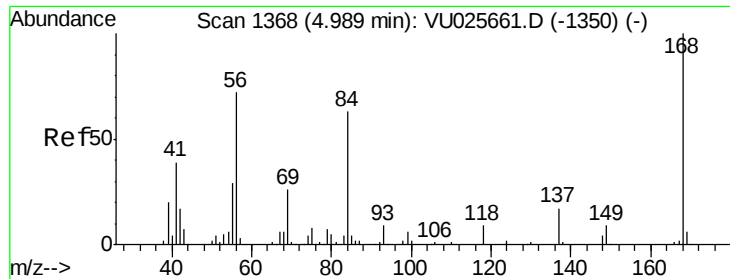
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

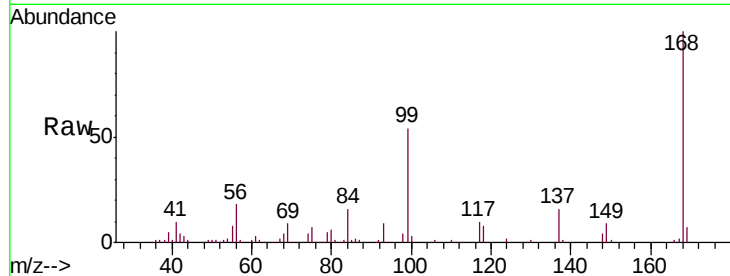
FL-0512

Tot Ion:168 Resp: 177214

Ion Ratio Lower Upper

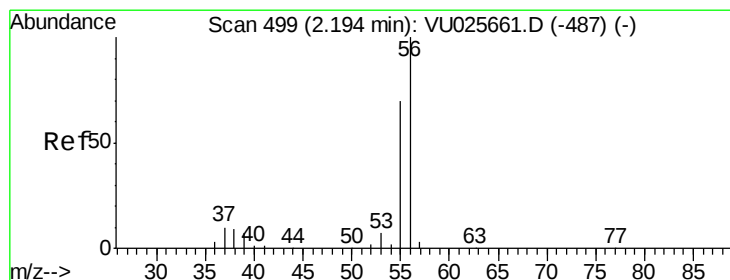
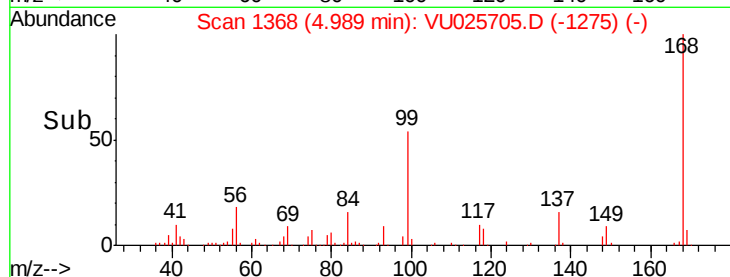
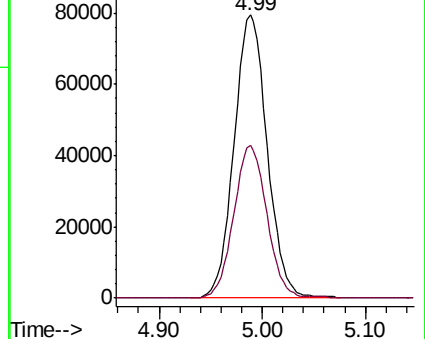
168 100

99 53.9 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) (-)



#13

Acrolein

Concen: Below Cal

RT: 2.02 min Scan# 446

Delta R.T. -0.17 min

Lab File: VU025705.D

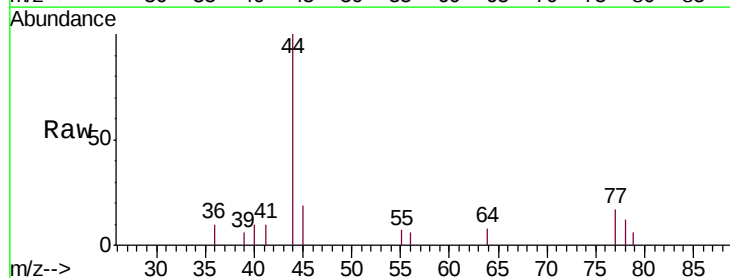
Acq: 28 Jul 2018 06:09

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

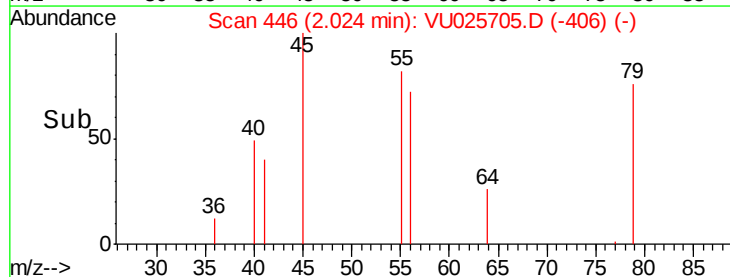
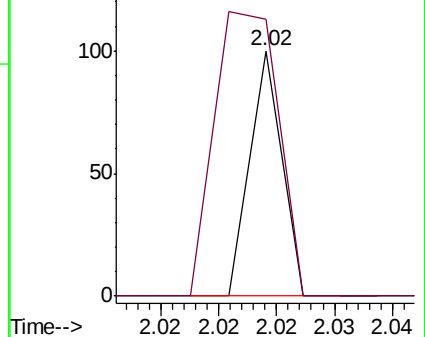
56 100

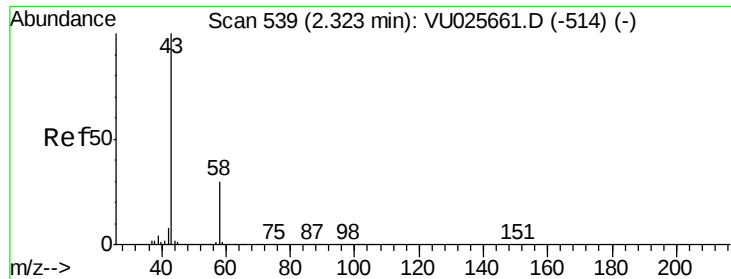
55 231.6 57.2 85.8#



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

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





#16

Acetone

Concen: 10.93 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

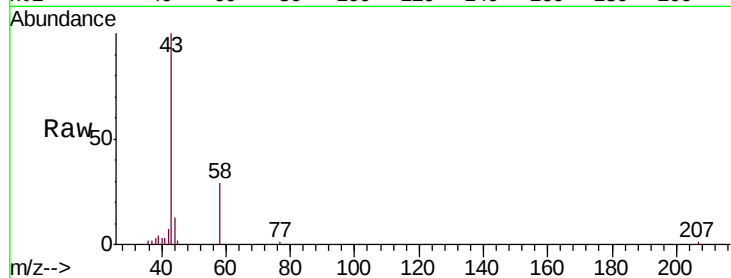
FL-0512

Tot Ion: 43 Resp: 14719

Ion Ratio Lower Upper

43 100

58 28.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)

2.32

10000

8000

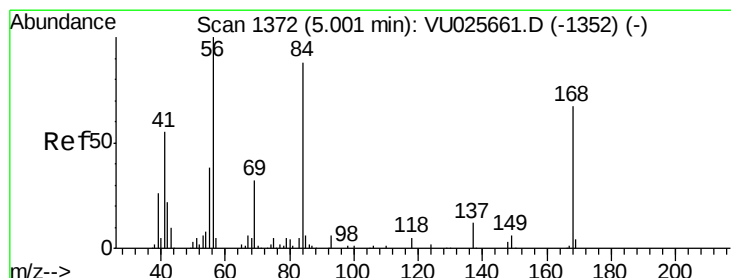
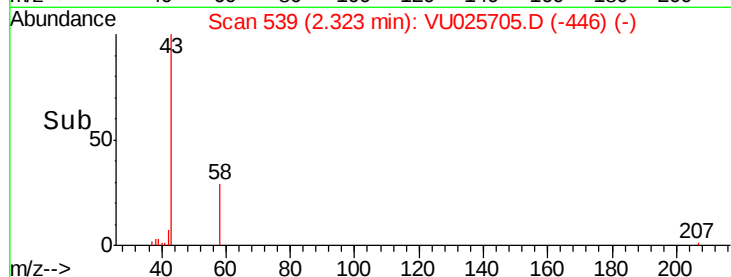
6000

4000

2000

0

Time--> 2.25 2.30 2.35 2.40



#31

Cyclohexane

Concen: 12.23 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

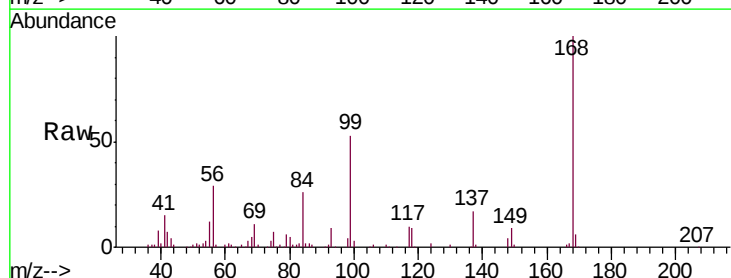
Tgt Ion: 56 Resp: 46637

Ion Ratio Lower Upper

56 100

69 38.5 26.8 40.2

84 91.4 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025661.D (-1352) (-)

Ion 69.00 (68.70 to 69.70): VU025661.D (-1352) (-)

Ion 84.00 (83.70 to 84.70): VU025661.D (-1352) (-)

5.00

25000

20000

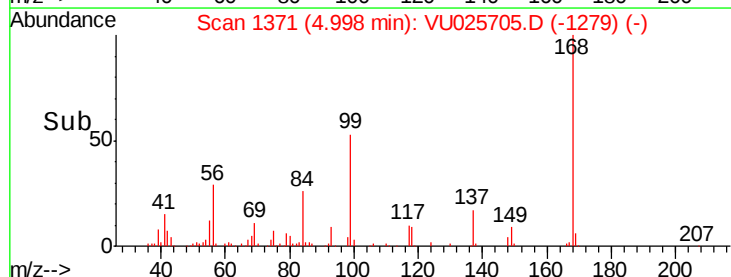
15000

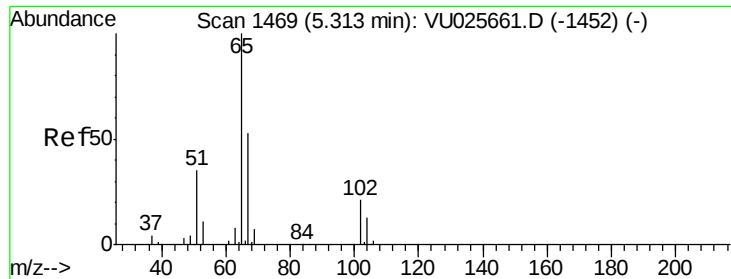
10000

5000

0

Time--> 4.90 4.95 5.00 5.05





#33

1,2-Dichloroethane-d4

Concen: 50.28 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

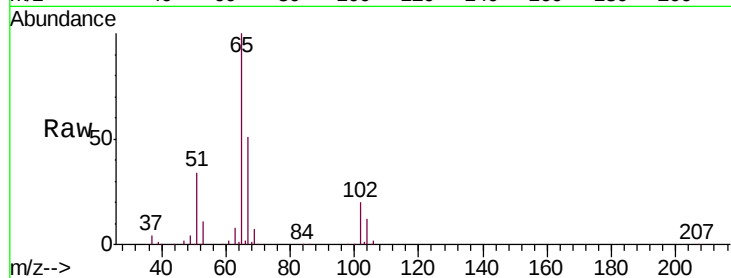
FL-0512

Tot Ion: 65 Resp: 138823

Ion Ratio Lower Upper

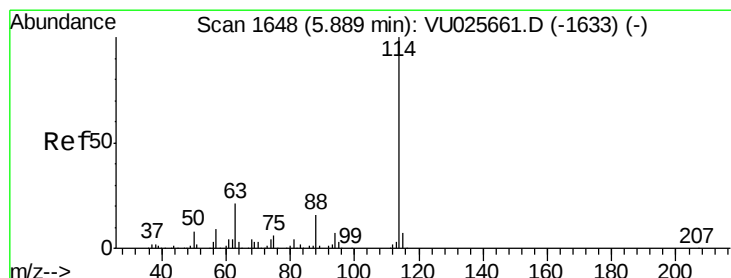
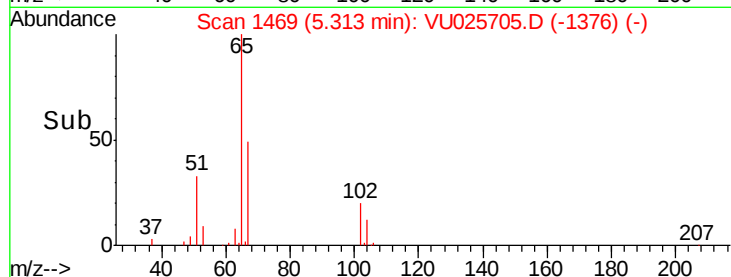
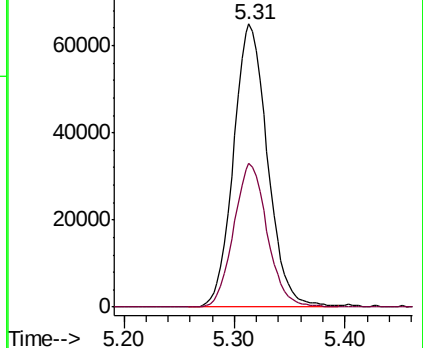
65 100

67 50.0 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: VU025705.D

Acq: 28 Jul 2018 06:09

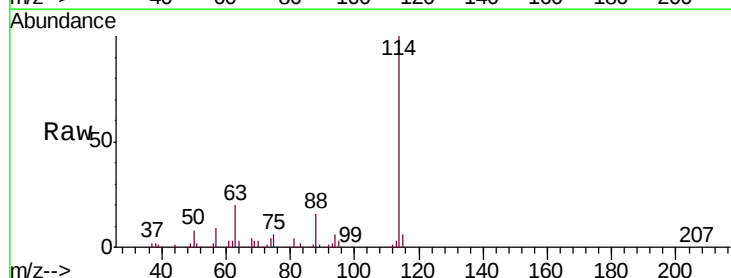
Tgt Ion: 114 Resp: 275504

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

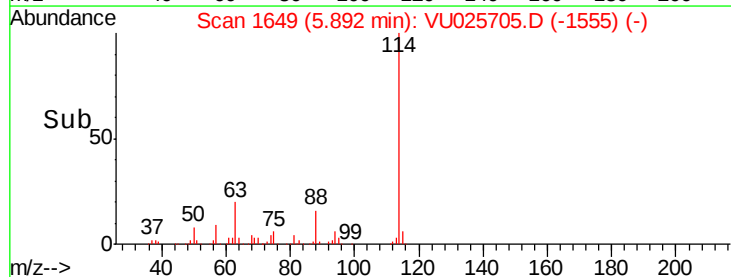
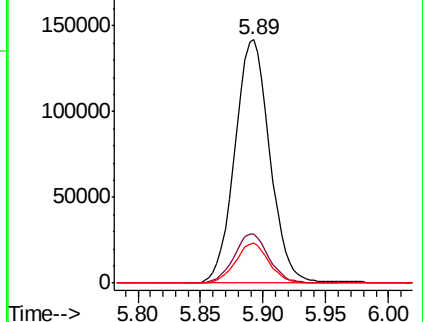
88 16.2 0.0 32.4

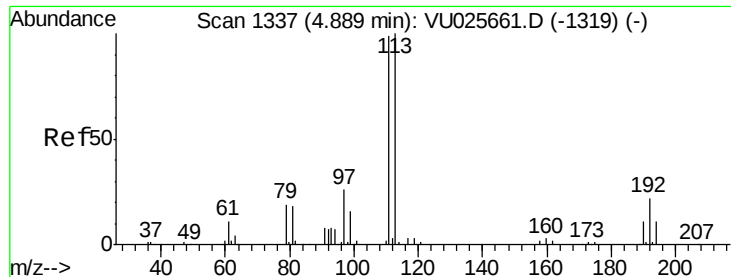


Abundance Ion 113.90 (113.60 to 114.60): VU025661.D (-1633) (-)

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

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

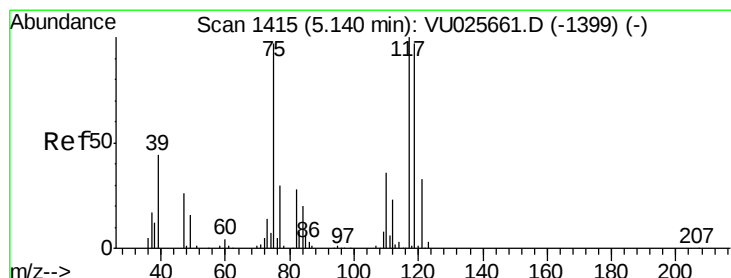
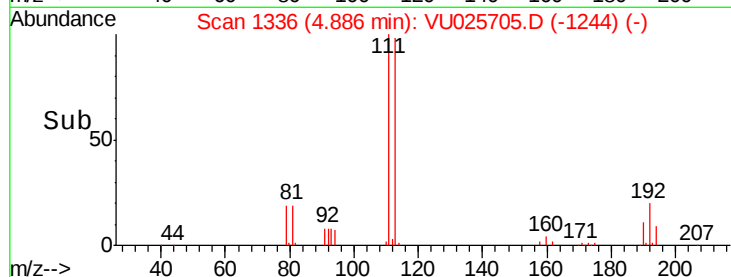
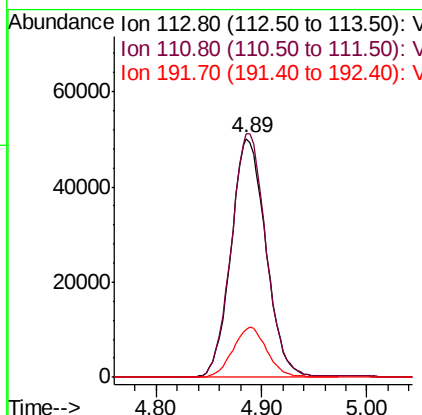
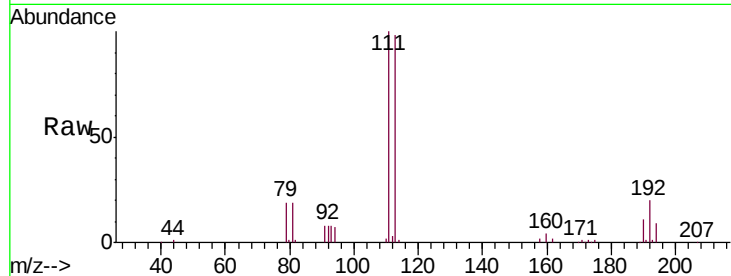




#35
 Dibromofluoromethane
 Concen: 47.95 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025705.D
 Acq: 28 Jul 2018 06:09

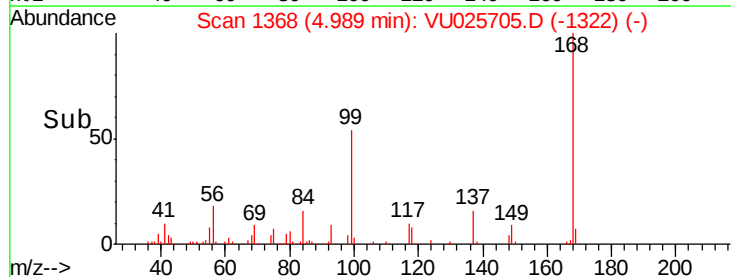
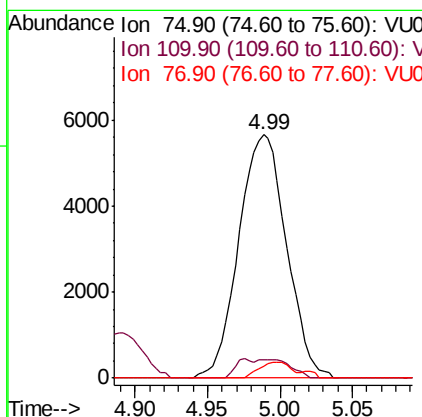
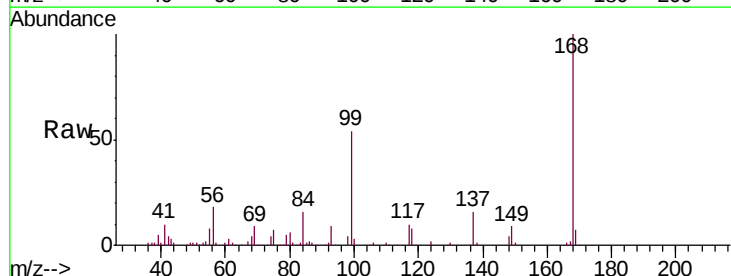
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0512

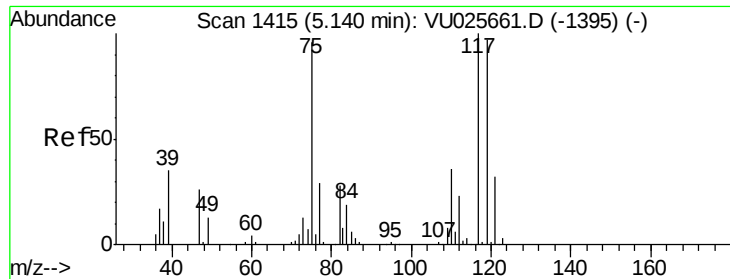
Tot Ion:113 Resp: 114906
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.7 122.5
 192 20.5 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.02 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025705.D
 Acq: 28 Jul 2018 06:09

Tgt Ion: 75 Resp: 12930
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.6 52.9#
 77 4.5 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.87 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampled :

FL-0512

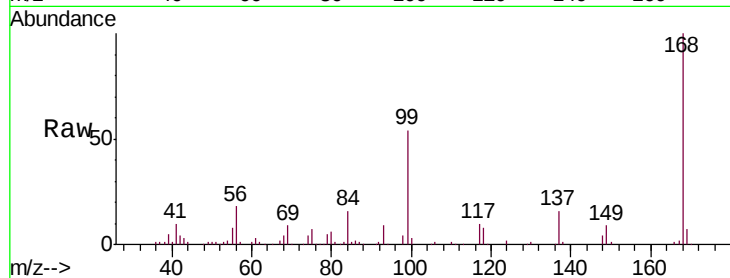
Tot Ion:117 Resp: 17743

Ion Ratio Lower Upper

117 100

119 3.8 75.7 113.5#

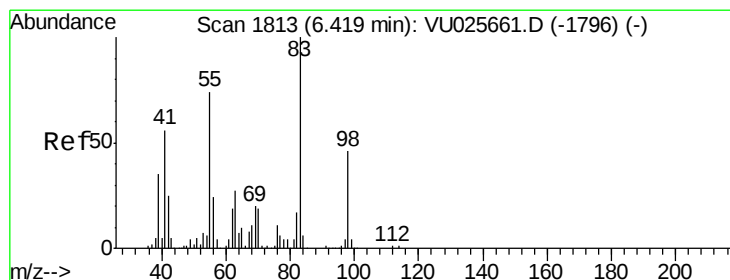
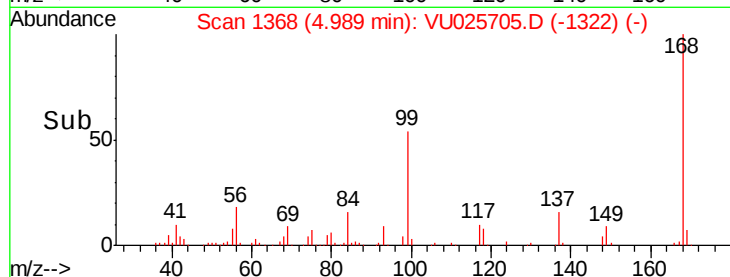
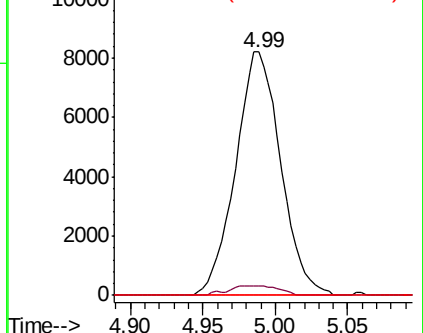
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 19.19 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

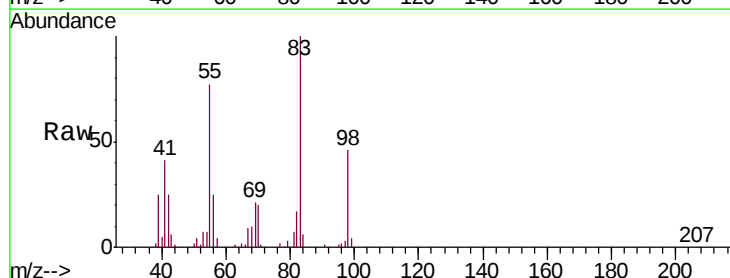
Tgt Ion: 83 Resp: 70804

Ion Ratio Lower Upper

83 100

55 77.0 60.0 90.0

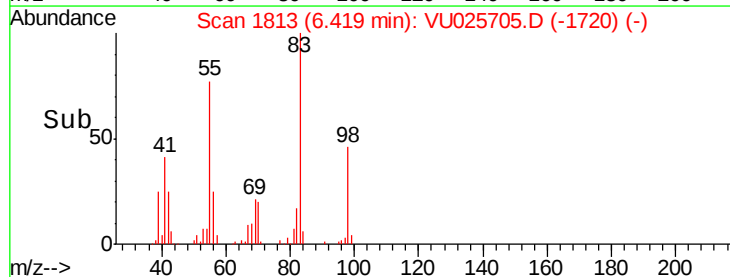
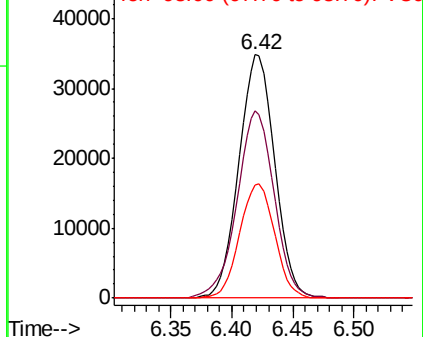
98 46.2 36.1 54.1

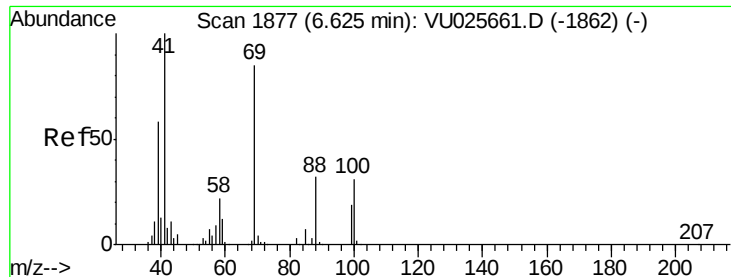


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#48

Methyl methacrylate

Concen: 1.38 ug/l

RT: 6.64 min Scan# 1883

Delta R.T. 0.02 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

FL-0512

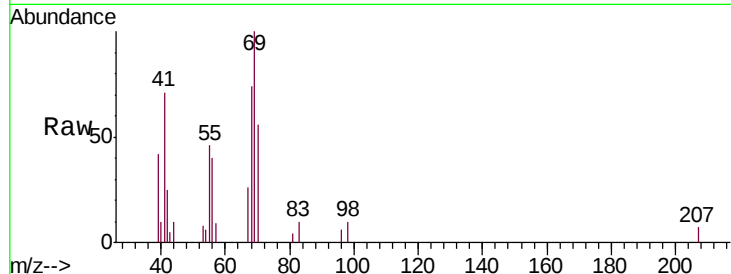
Tot Ion: 41 Resp: 3729

Ion Ratio Lower Upper

41 100

69 141.8 65.0 97.4#

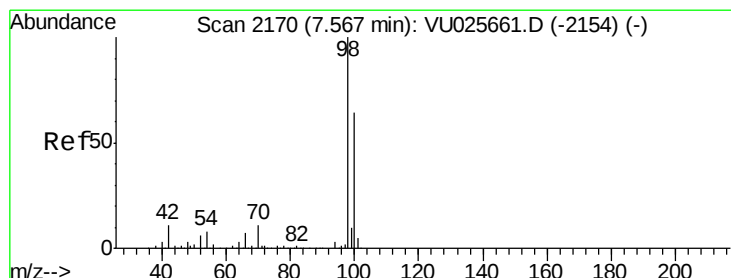
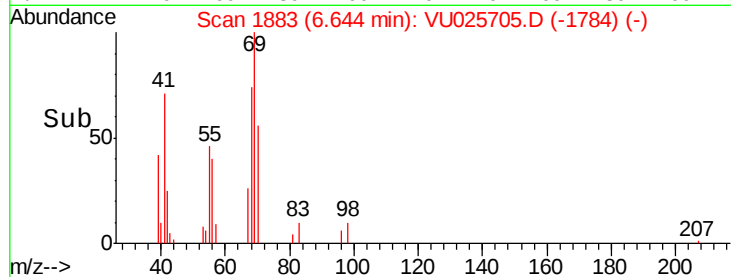
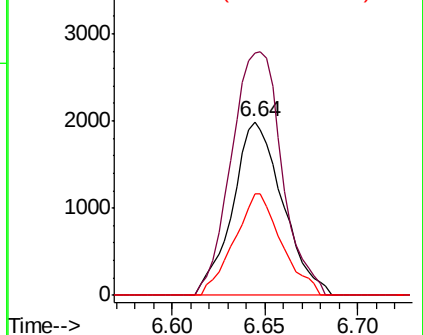
39 55.2 46.4 69.6



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#50

Toluene-d8

Concen: 47.88 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025705.D

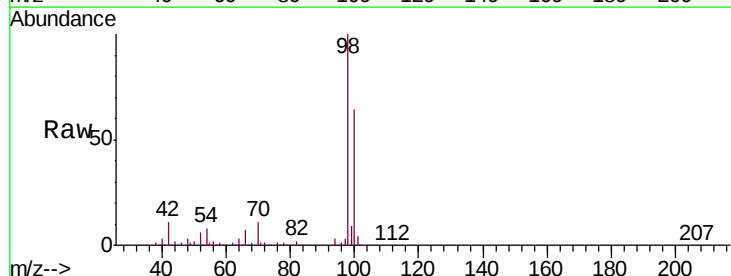
Acq: 28 Jul 2018 06:09

Tgt Ion: 98 Resp: 401446

Ion Ratio Lower Upper

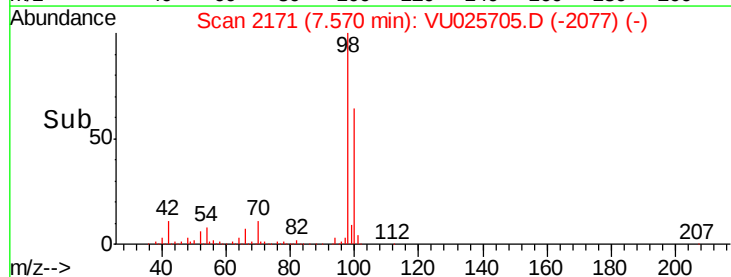
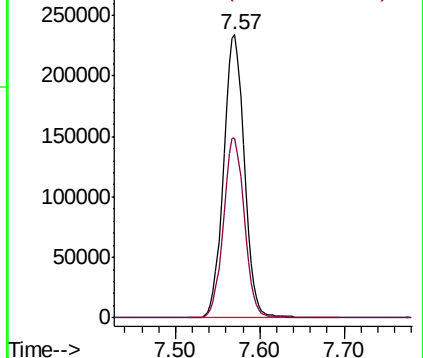
98 100

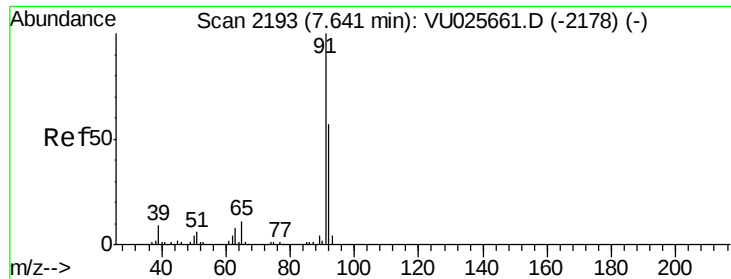
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 2.18 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

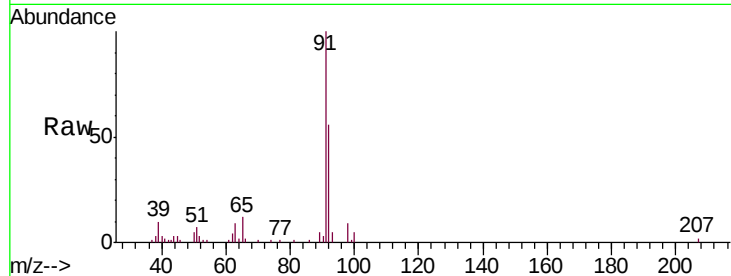
FL-0512

Tot Ion: 92 Resp: 12723

Ion Ratio Lower Upper

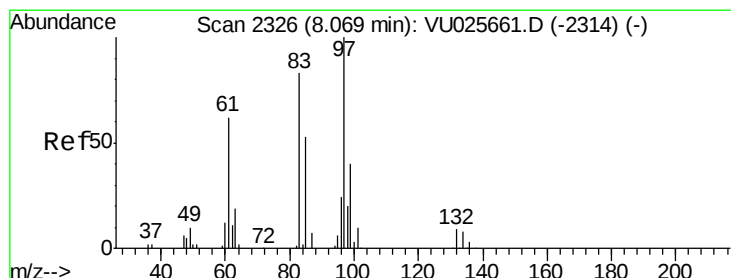
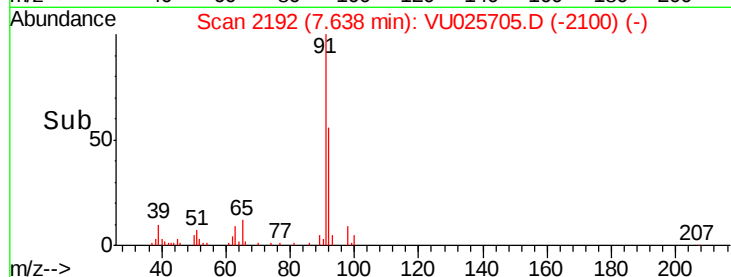
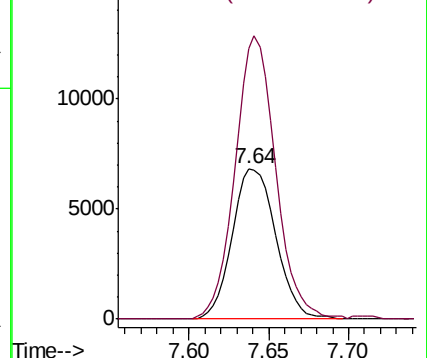
92 100

91 174.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU025661.D (-2178) (-)

Ion 91.00 (90.70 to 91.70): VU025661.D (-2178) (-)



#55

1,1,2-Trichloroethane

Concen: 0.92 ug/l

RT: 8.05 min Scan# 2320

Delta R.T. -0.02 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Tgt Ion: 97 Resp: 2226

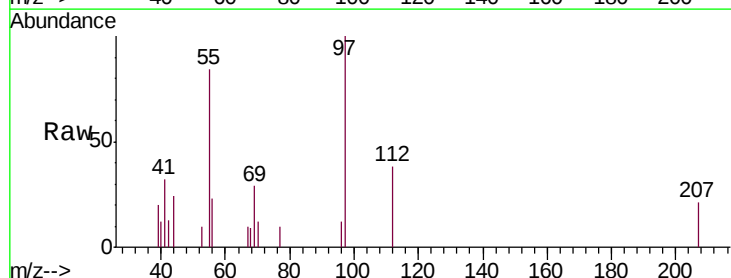
Ion Ratio Lower Upper

97 100

83 0.0 68.9 103.3#

85 0.0 44.4 66.6#

99 0.0 51.0 76.4#

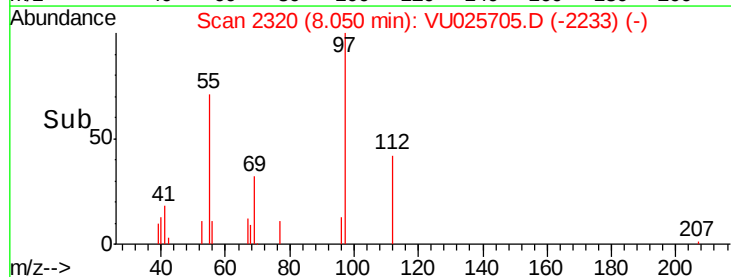
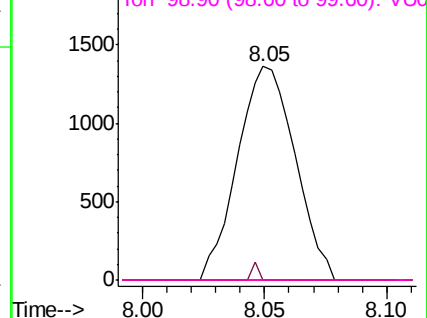


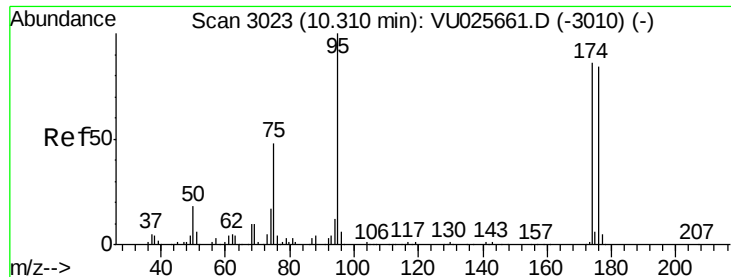
Abundance Ion 96.90 (96.60 to 97.60): VU025661.D (-2314) (-)

Ion 82.90 (82.60 to 83.60): VU025661.D (-2314) (-)

Ion 84.90 (84.60 to 85.60): VU025661.D (-2314) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-2314) (-)

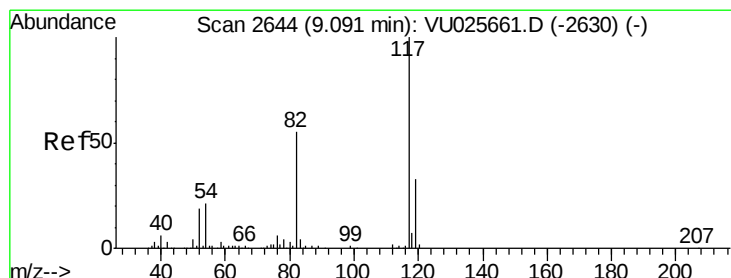
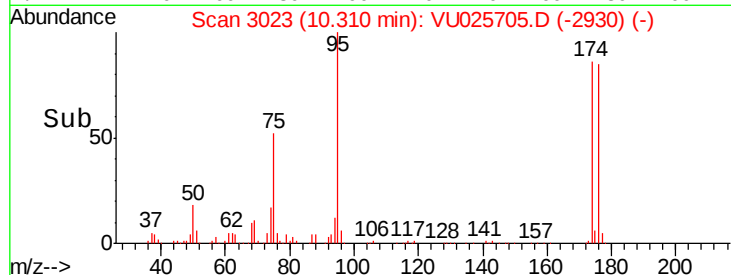
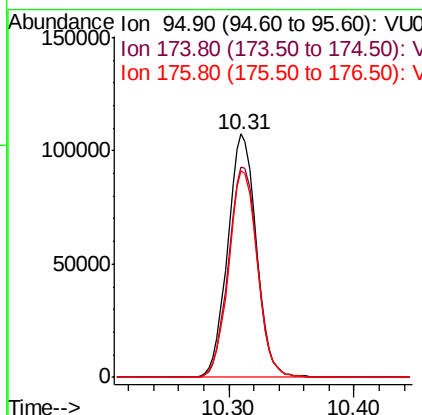
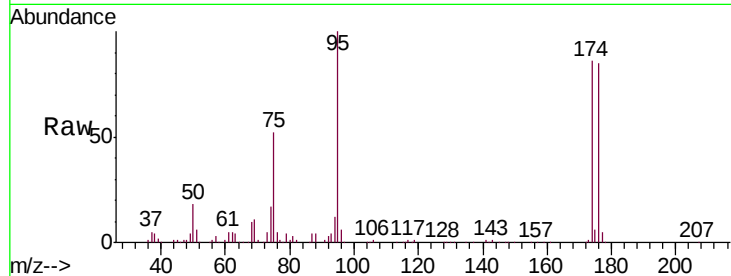




#62
4-Bromofluorobenzene
Concen: 52.11 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025705.D
Acq: 28 Jul 2018 06:09

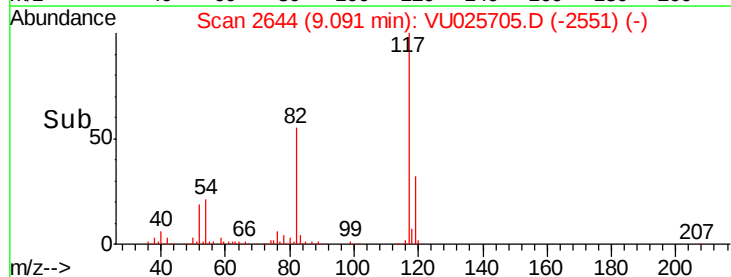
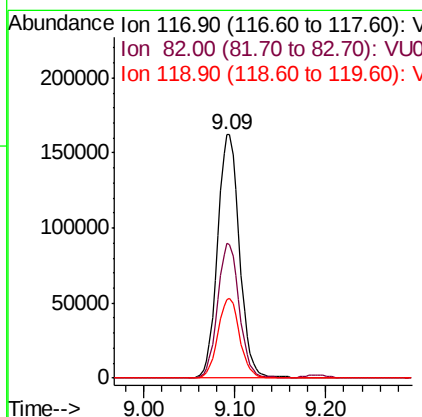
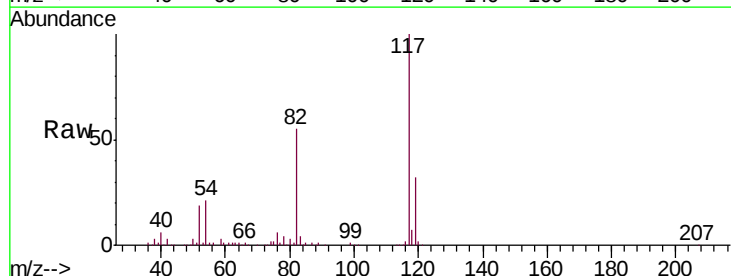
Instrument :
MSVOA_U
ClientSampleId :
FL-0512

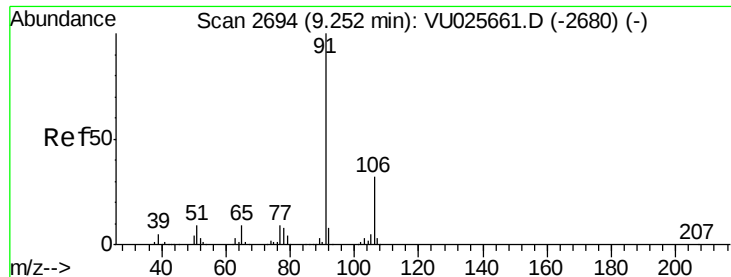
Tot Ion: 95 Resp: 169587
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.2
176 85.0 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025705.D
Acq: 28 Jul 2018 06:09

Tgt Ion: 117 Resp: 271373
Ion Ratio Lower Upper
117 100
82 55.4 46.0 69.0
119 32.4 26.0 39.0

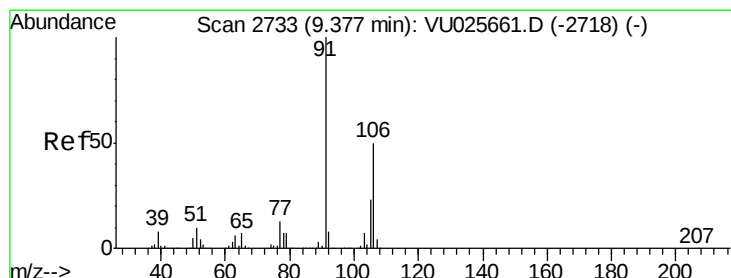
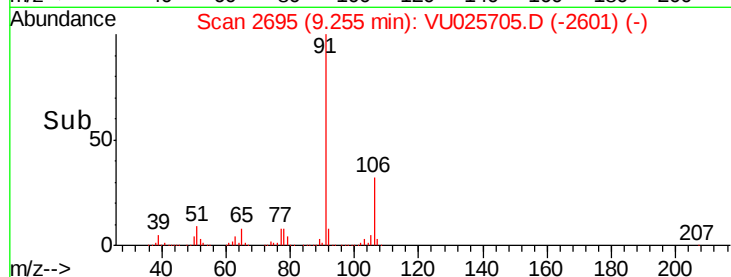
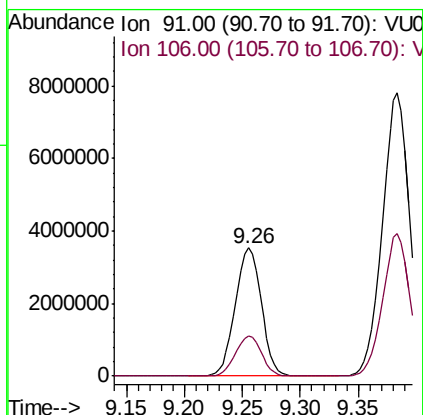
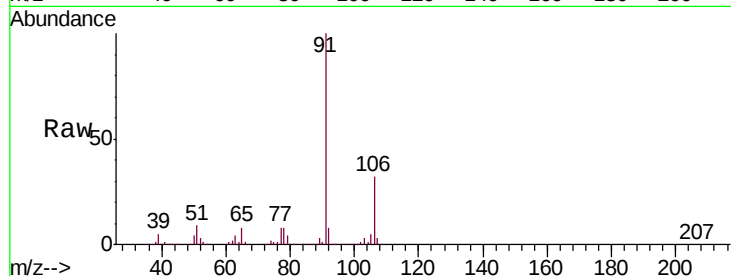




#67
Ethyl Benzene
Concen: 476.51 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025705.D
Acq: 28 Jul 2018 06:09

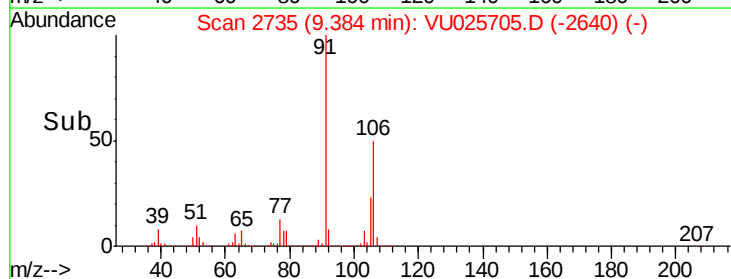
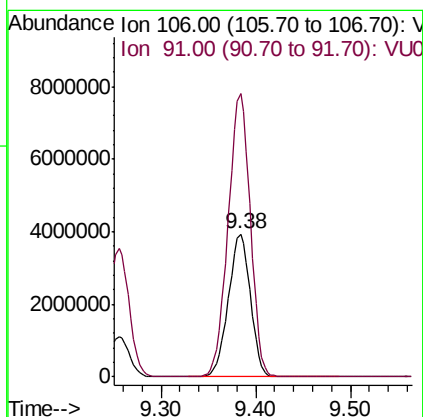
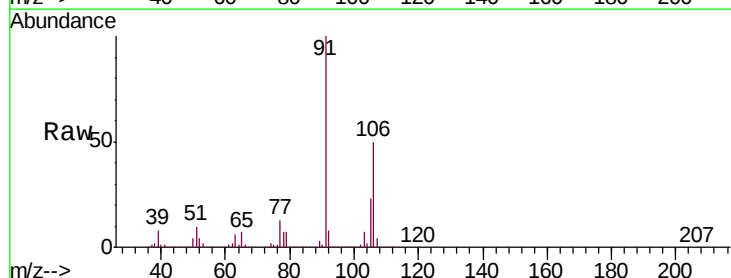
Instrument :
MSVOA_U
ClientSampleId :
FL-0512

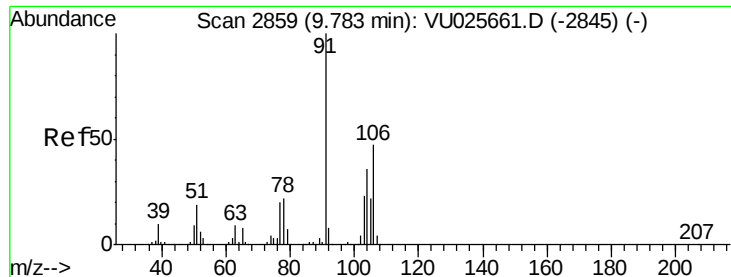
Tot Ion: 91 Resp: 5522508
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 1436.83 ug/l
RT: 9.38 min Scan# 2735
Delta R.T. 0.01 min
Lab File: VU025705.D
Acq: 28 Jul 2018 06:09

Tgt Ion: 106 Resp: 6393086
Ion Ratio Lower Upper
106 100
91 199.5 162.3 243.5

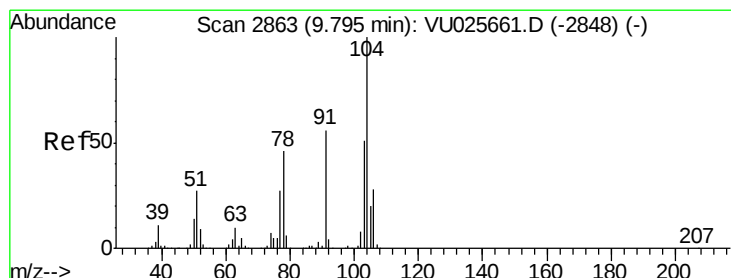
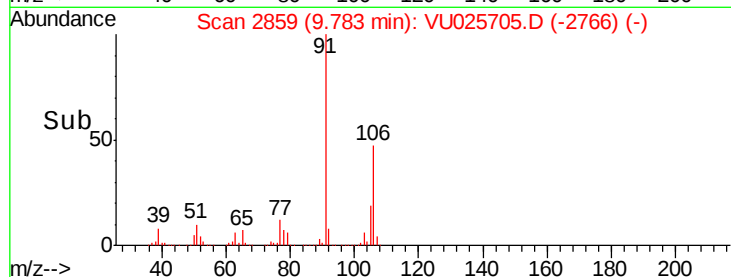
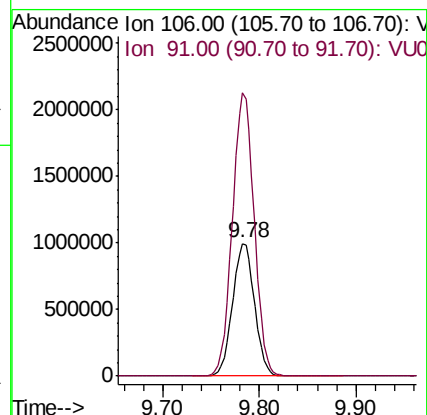
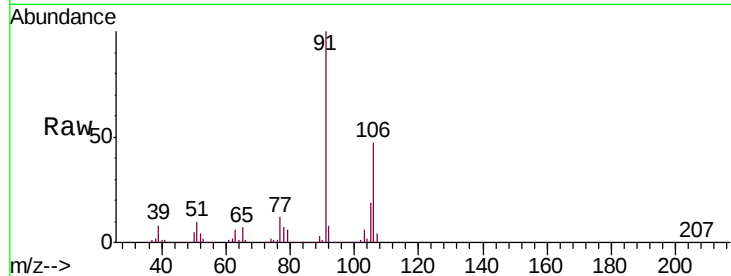




#69
o-Xylene
Concen: 359.46 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025705.D
Acq: 28 Jul 2018 06:09

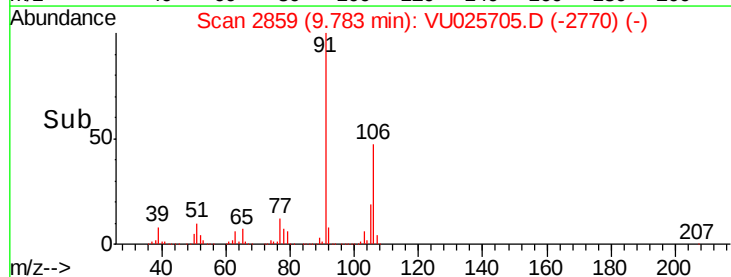
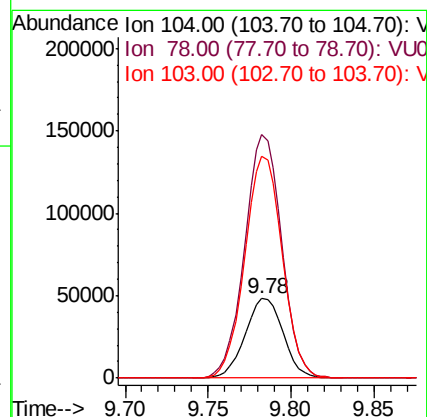
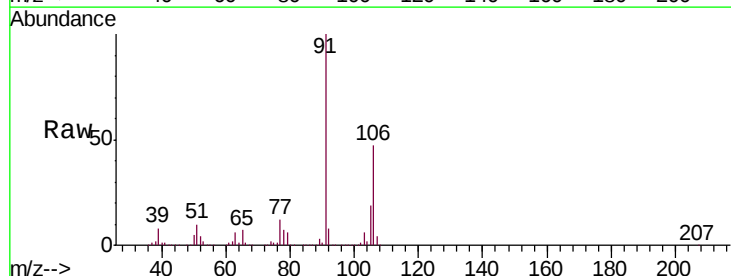
Instrument :
MSVOA_U
ClientSampleId :
FL-0512

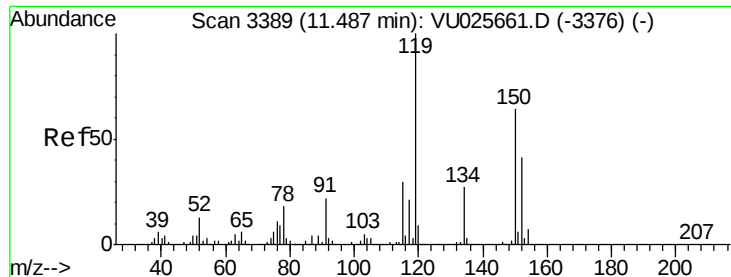
Tot Ion:106 Resp: 1563131
Ion Ratio Lower Upper
106 100
91 213.1 105.3 315.8



#70
Styrene
Concen: 10.97 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.01 min
Lab File: VU025705.D
Acq: 28 Jul 2018 06:09

Tgt Ion:104 Resp: 77070
Ion Ratio Lower Upper
104 100
78 298.7 41.6 62.4#
103 275.8 44.6 66.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

FL-0512

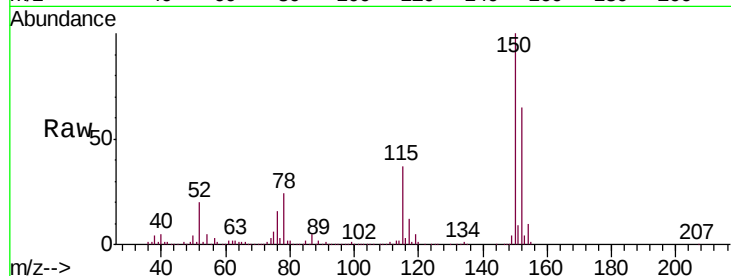
Tot Ion:152 Resp: 186464

Ion Ratio Lower Upper

152 100

115 58.7 40.1 120.3

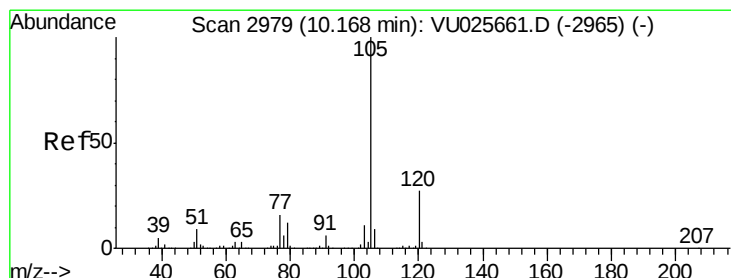
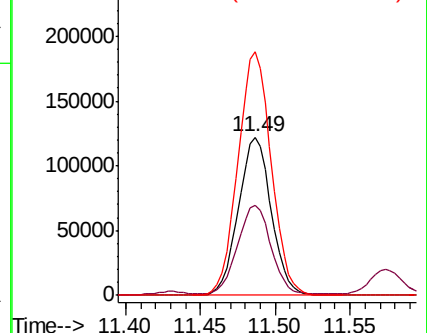
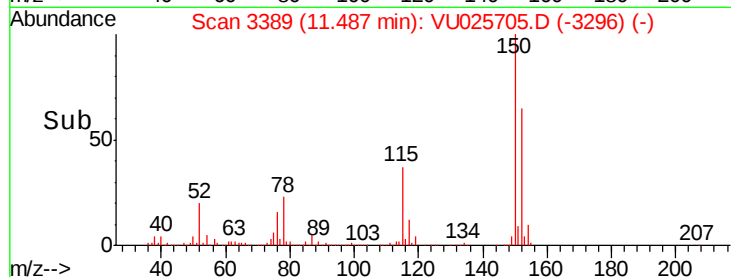
150 155.7 0.0 351.4



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: 44.08 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025705.D

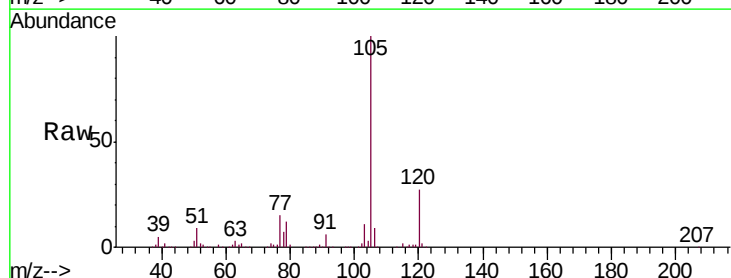
Acq: 28 Jul 2018 06:09

Tgt Ion:105 Resp: 561003

Ion Ratio Lower Upper

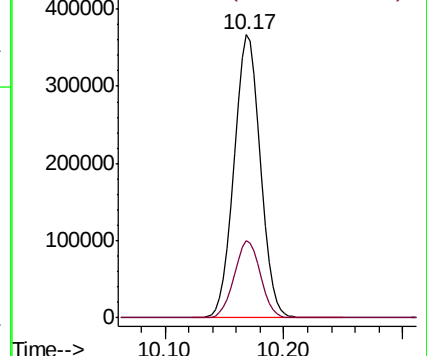
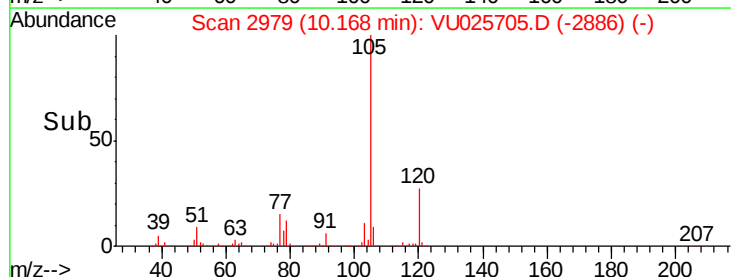
105 100

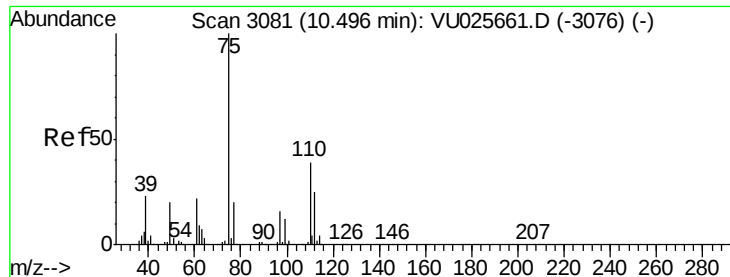
120 27.2 13.5 40.5



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: 0.94 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.09 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

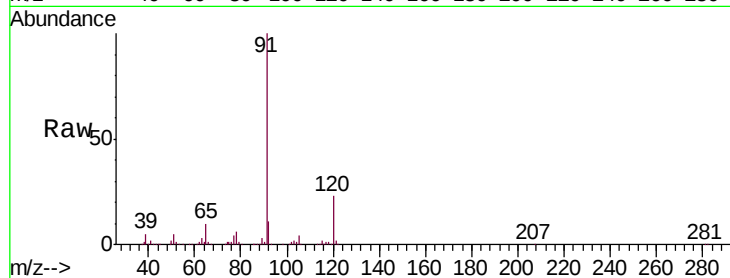
FL-0512

Tot Ion: 75 Resp: 3855

Ion Ratio Lower Upper

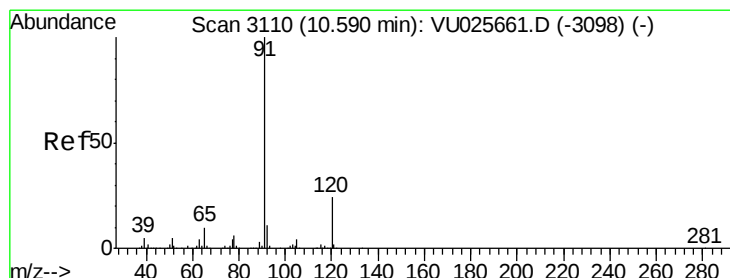
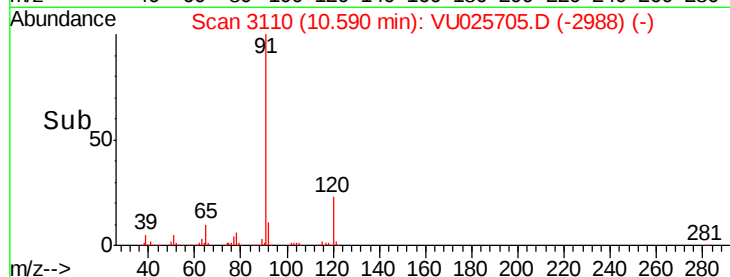
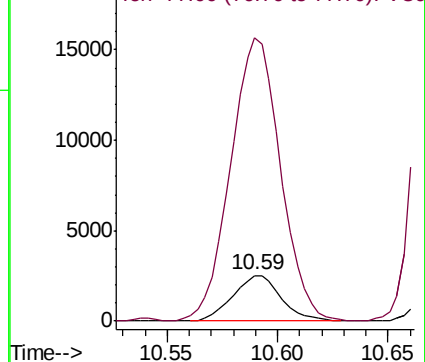
75 100

77 637.1 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#78

n-propylbenzene

Concen: 39.80 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025705.D

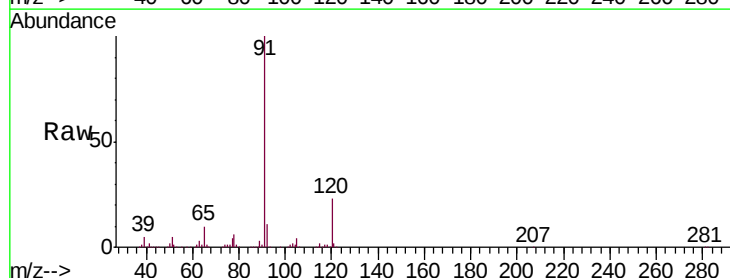
Acq: 28 Jul 2018 06:09

Tgt Ion: 91 Resp: 591226

Ion Ratio Lower Upper

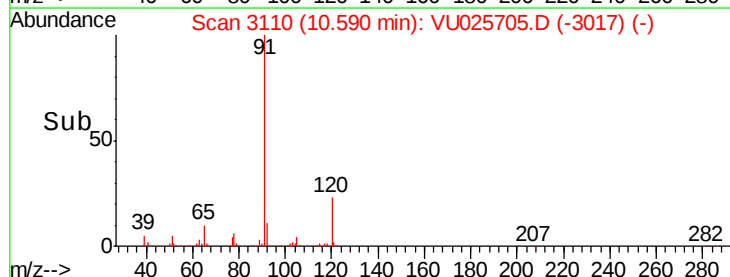
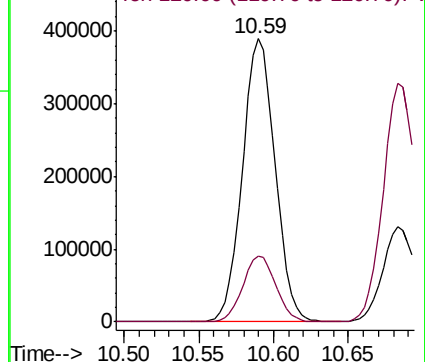
91 100

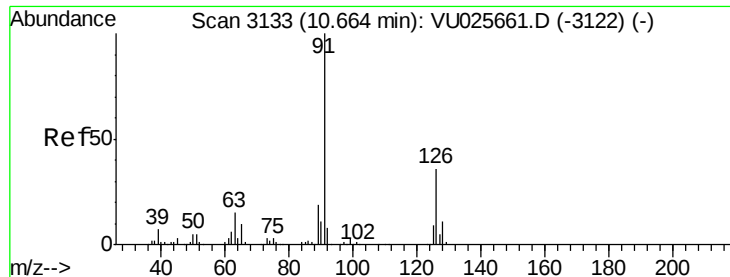
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 28.30 ug/l

RT: 10.68 min Scan# 3139

Delta R.T. 0.02 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

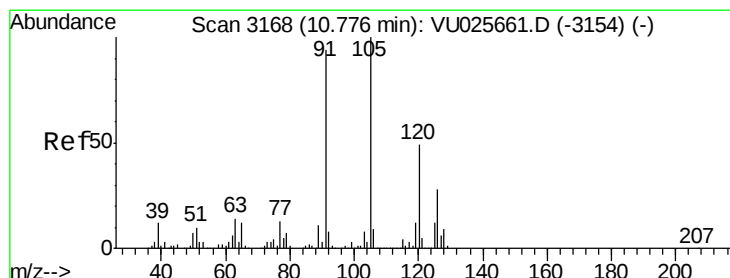
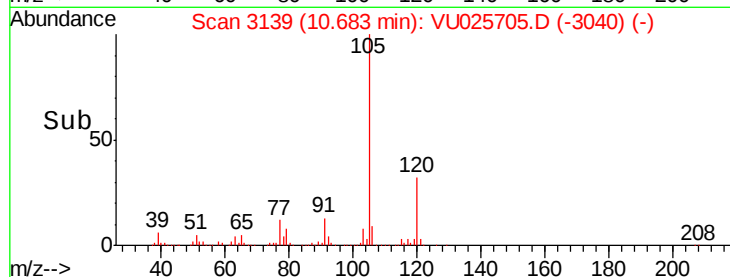
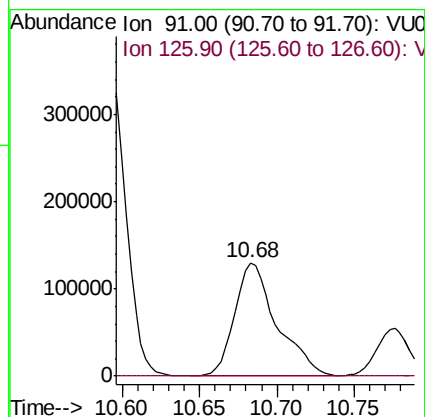
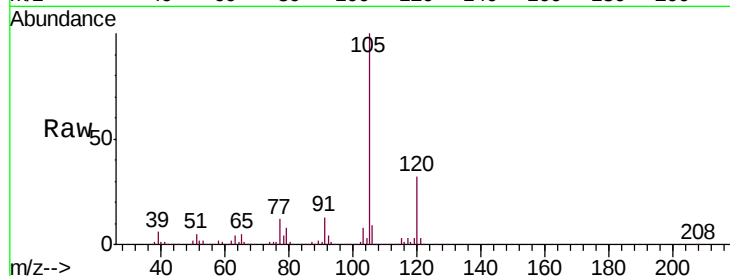
FL-0512

Tot Ion: 91 Resp: 246215

Ion Ratio Lower Upper

91 100

126 0.1 17.5 52.6#



#80

1,3,5-Trimethylbenzene

Concen: 72.74 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025705.D

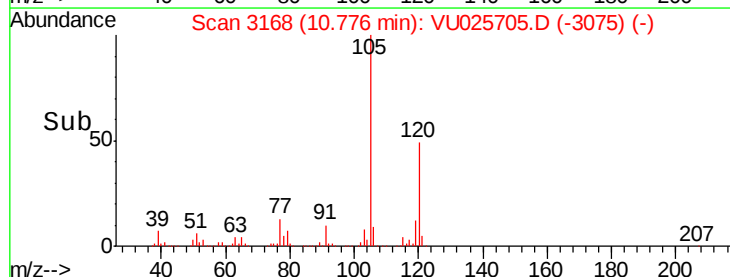
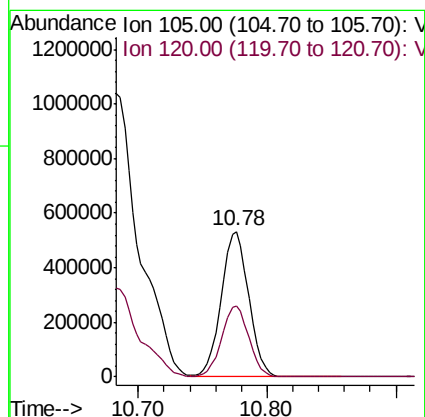
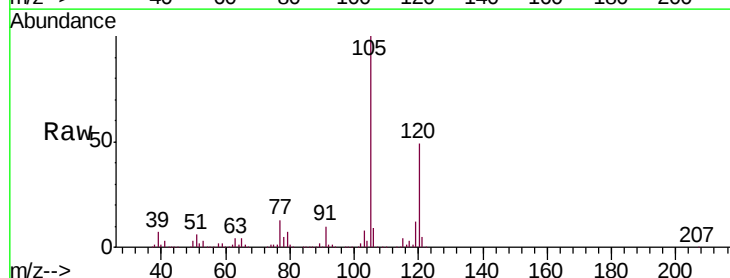
Acq: 28 Jul 2018 06:09

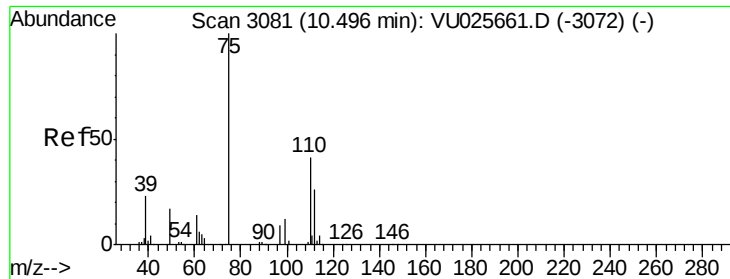
Tgt Ion: 105 Resp: 786208

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 2.35 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.09 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

FL-0512

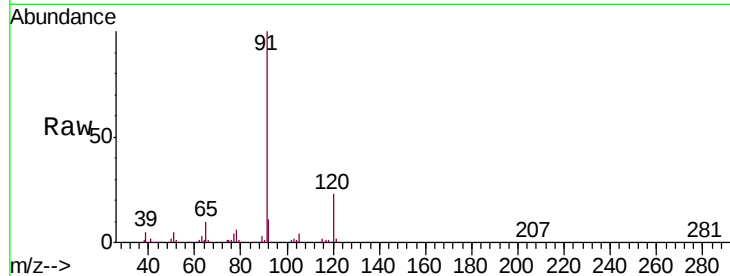
Tot Ion: 75 Resp: 3855

Ion Ratio Lower Upper

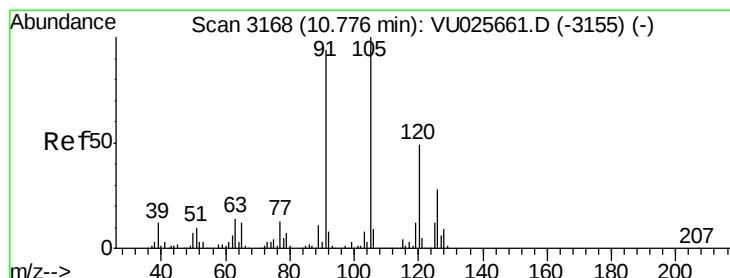
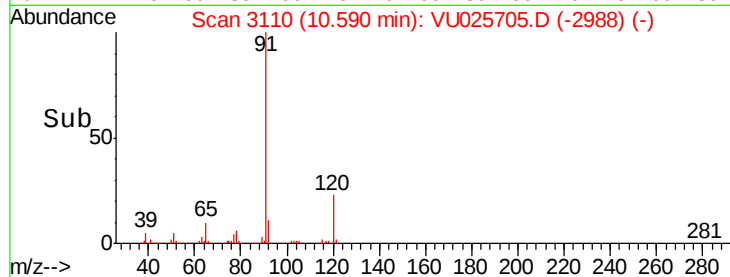
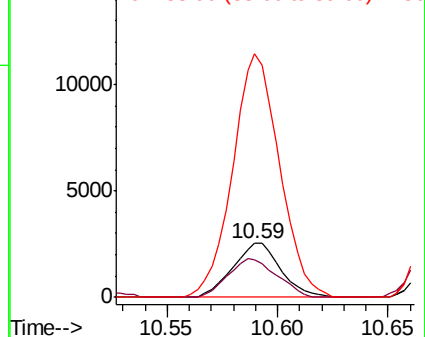
75 100

53 71.8 0.0 0.0#

89 437.5 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: 8.11 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025705.D

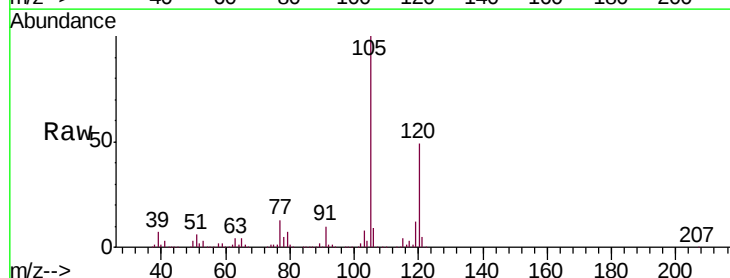
Acq: 28 Jul 2018 06:09

Tgt Ion: 91 Resp: 83222

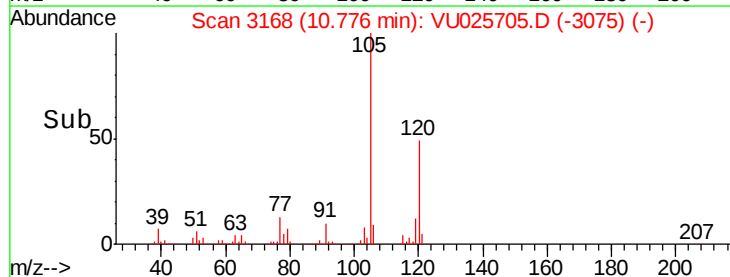
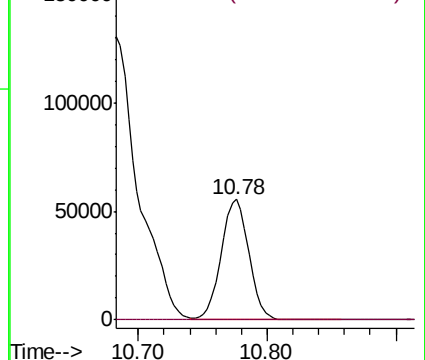
Ion Ratio Lower Upper

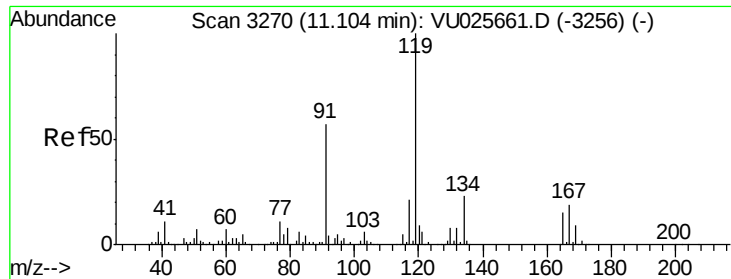
91 100

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

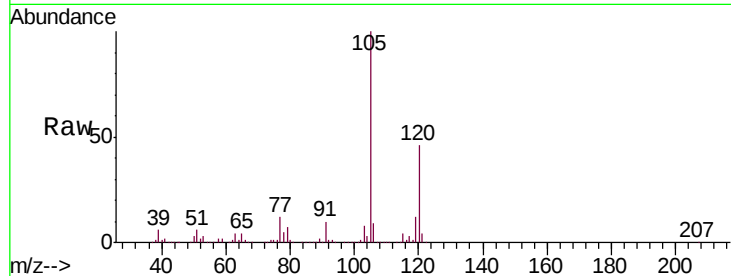




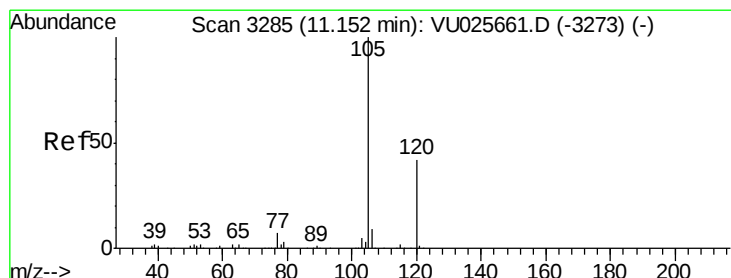
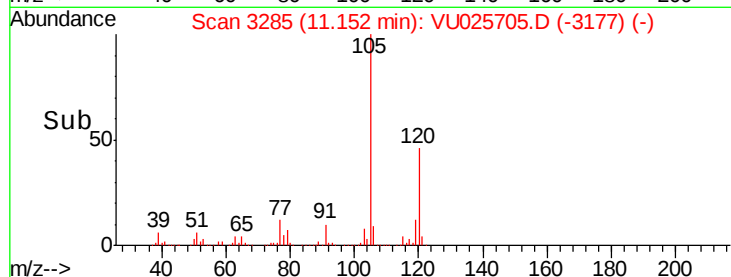
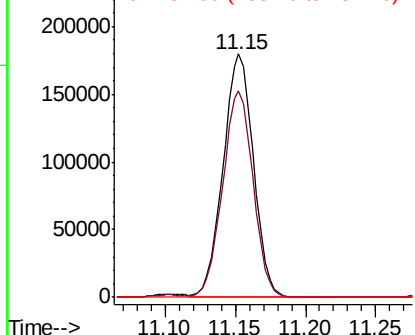
#83
 tert-Butylbenzene
 Concen: 25.08 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.05 min
 Lab File: VU025705.D
 Acq: 28 Jul 2018 06:09

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0512

Tot Ion:119 Resp: 269371
 Ion Ratio Lower Upper
 119 100
 91 84.9 29.7 89.1
 134 0.0 11.5 34.5#

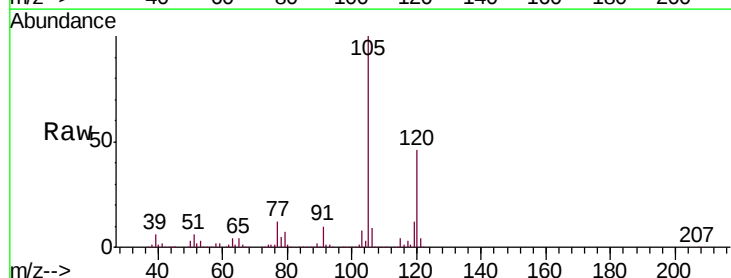


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

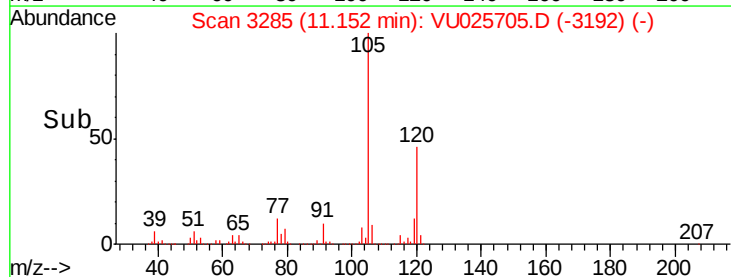
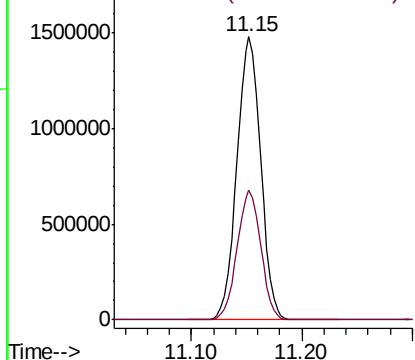


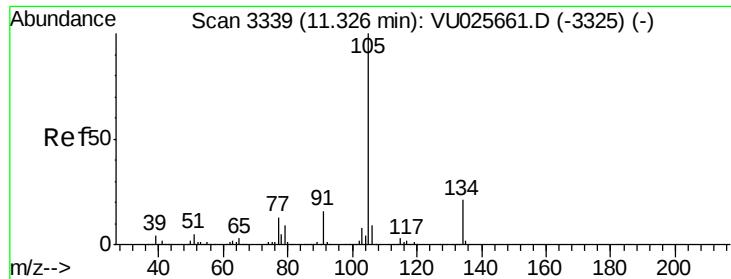
#84
 1,2,4-Trimethylbenzene
 Concen: 201.60 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025705.D
 Acq: 28 Jul 2018 06:09

Tgt Ion:105 Resp: 2208033
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 168.41 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. -0.17 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

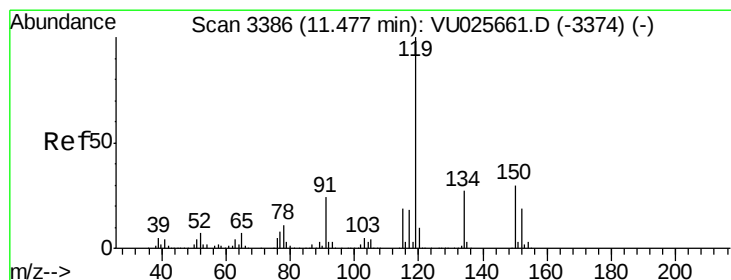
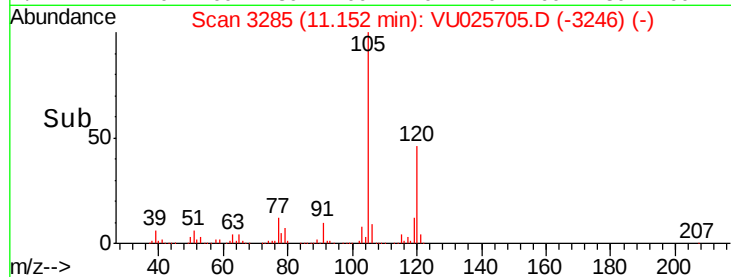
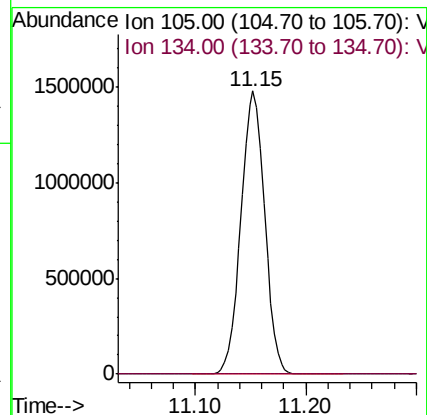
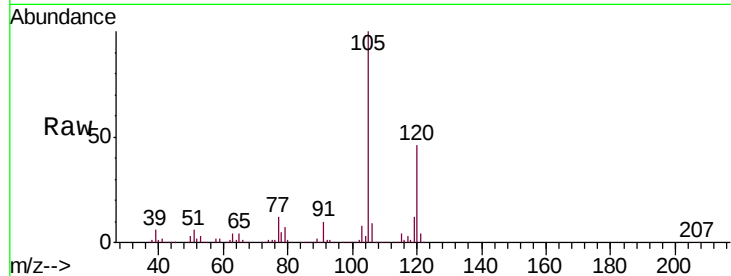
FL-0512

Tot Ion:105 Resp: 2208033

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#



#86

p-Isopropyltoluene

Concen: 1.50 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

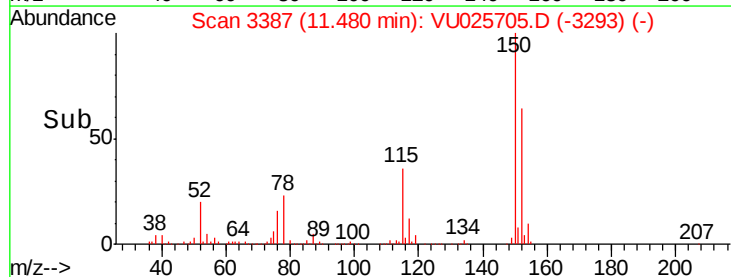
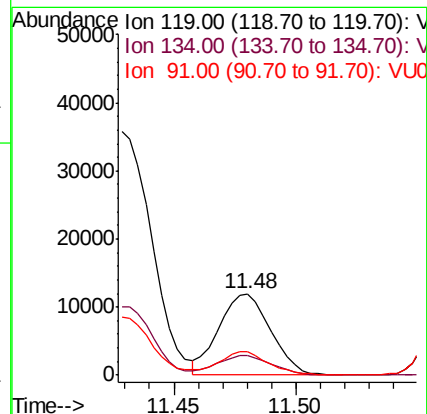
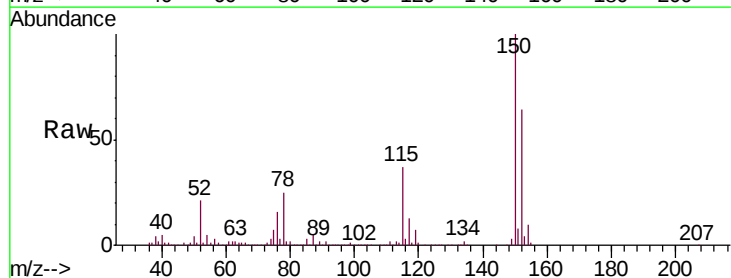
Tgt Ion:119 Resp: 17648

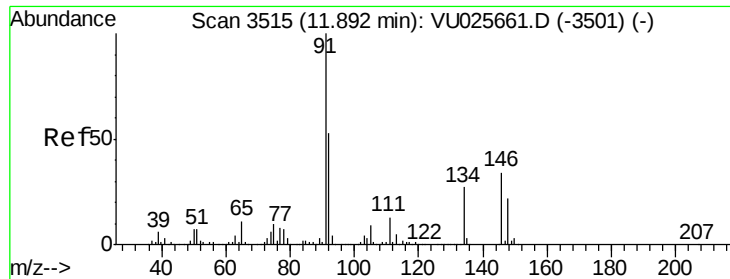
Ion Ratio Lower Upper

119 100

134 25.0 13.2 39.5

91 28.1 12.0 36.1

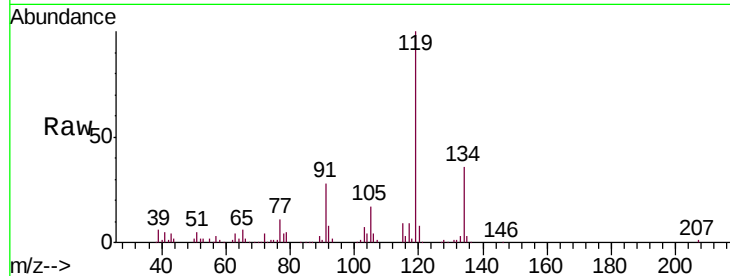




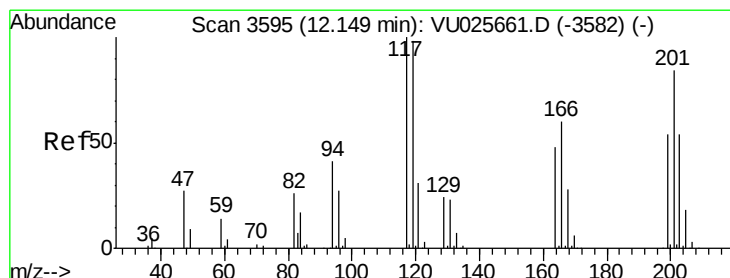
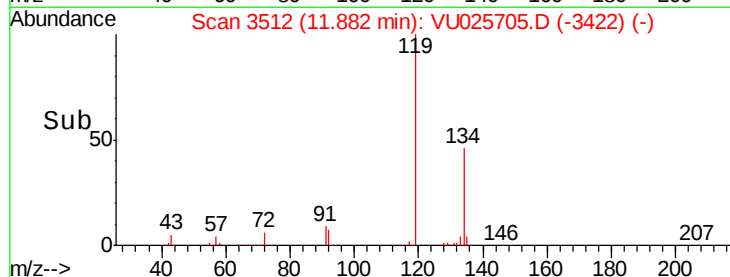
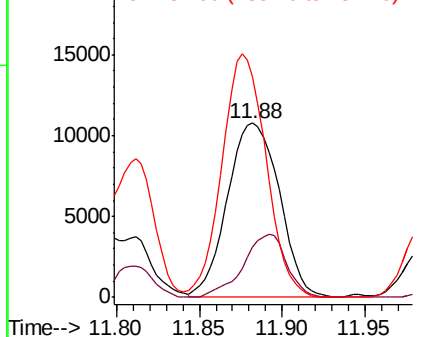
#89
n-Butylbenzene
Concen: 2.17 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.01 min
Lab File: VU025705.D
Acq: 28 Jul 2018 06:09

Instrument :
MSVOA_U
ClientSampled :
FL-0512

Tot Ion: 91 Resp: 23489
Ion Ratio Lower Upper
91 100
92 30.4 26.5 79.5
134 118.4 13.6 40.7#

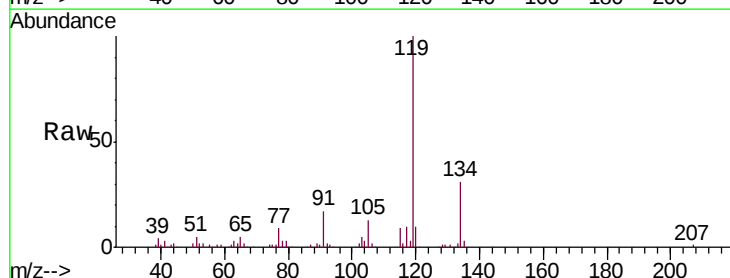


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

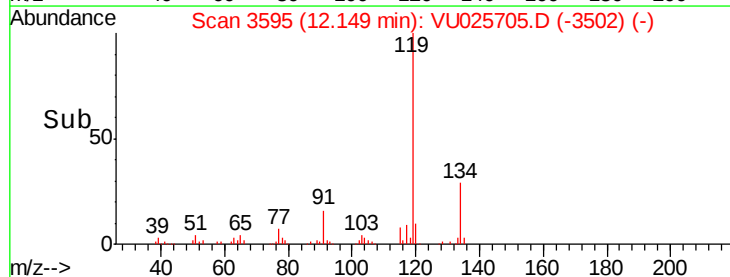
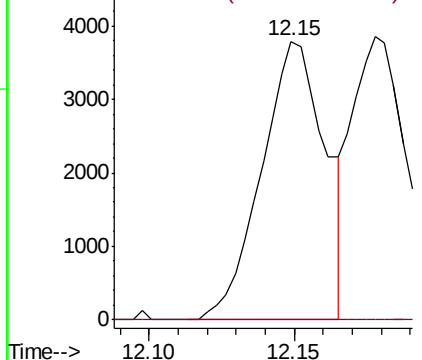


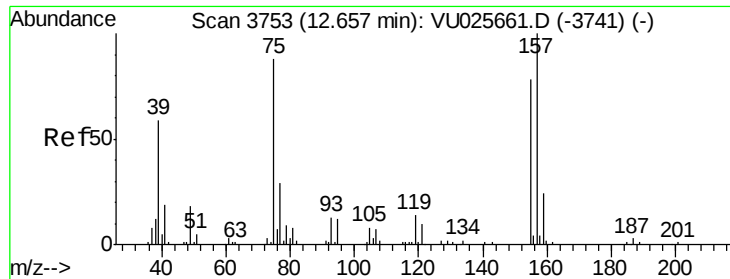
#90
Hexachloroethane
Concen: 2.76 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025705.D
Acq: 28 Jul 2018 06:09

Tgt Ion: 117 Resp: 5767
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.30 ug/l

RT: 12.65 min Scan# 3750

Delta R.T. -0.01 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

Instrument :

MSVOA_U

ClientSampleId :

FL-0512

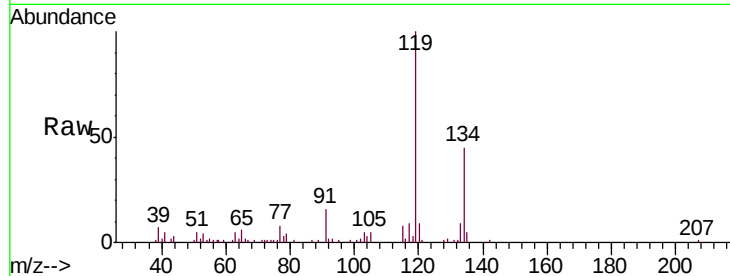
Tot Ion: 75 Resp: 312

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): VU025661.D (-3741) (-)

Ion 154.80 (154.50 to 155.50): VU025661.D (-3741) (-)

Ion 156.80 (156.50 to 157.50): VU025661.D (-3741) (-)

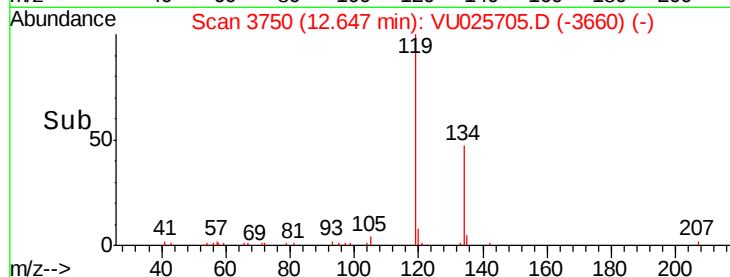
12.65

200

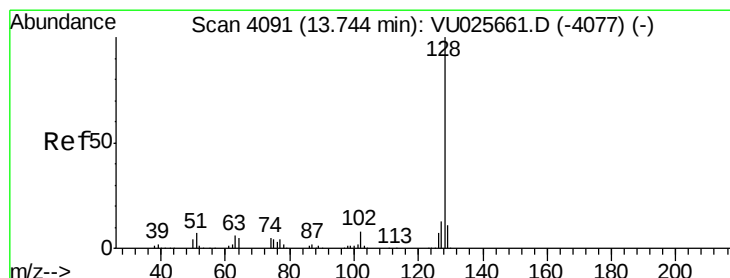
100

0

12.62 12.64 12.66 12.68



Time-->



#95

Naphthalene

Concen: 82.34 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025705.D

Acq: 28 Jul 2018 06:09

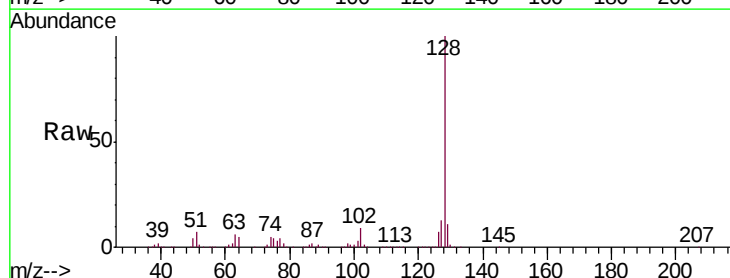
Tgt Ion:128 Resp: 1151593

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.0 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): VU025661.D (-4077) (-)

Ion 127.00 (126.70 to 127.70): VU025661.D (-4077) (-)

Ion 129.00 (128.70 to 129.70): VU025661.D (-4077) (-)

13.74

800000

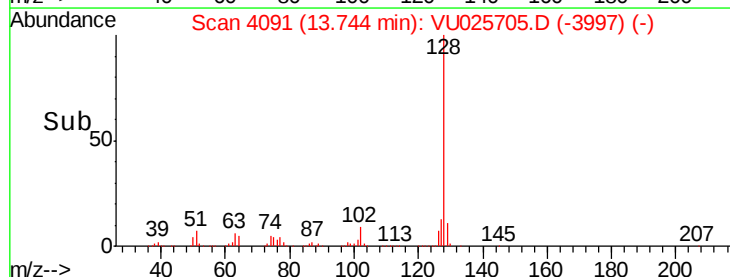
600000

400000

200000

0

13.70 13.80



Time-->