

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025689.D
 Acq On : 27 Jul 2018 23:54
 Operator : MD/SY
 Sample : J4154-08DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0509DL

Quant Time: Jul 30 08:49:29 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	175965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275044	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	262251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163630	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	133248	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
35) Dibromofluoromethane	4.89	113	111404	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
50) Toluene-d8	7.57	98	396576	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	10.31	95	156362	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

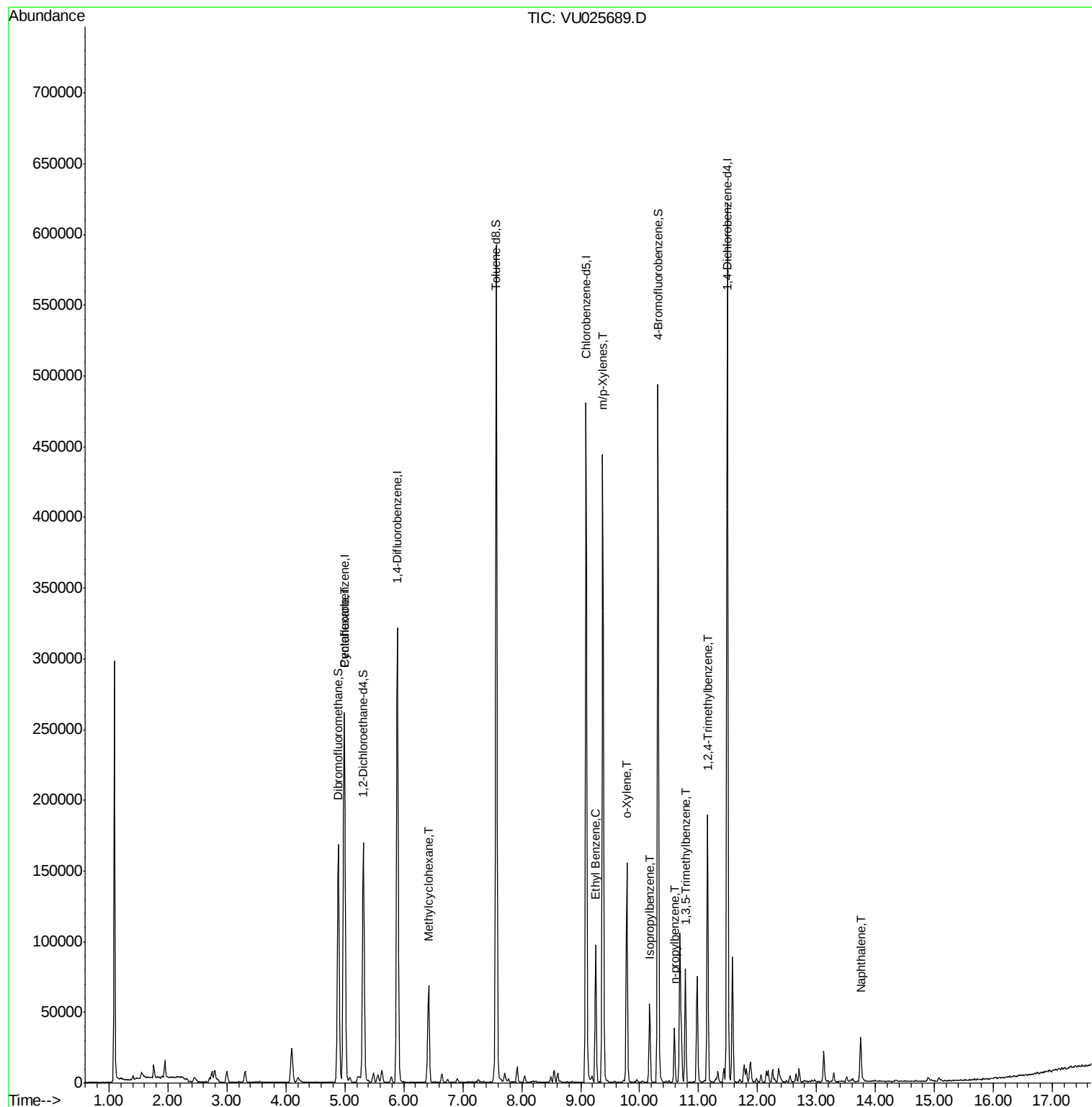
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	27232	6.62	ug/l	# 91
39) Methylcyclohexane	6.42	83	28398	7.71	ug/l	96
67) Ethyl Benzene	9.25	91	66848	5.97	ug/l	100
68) m/p-Xylenes	9.38	106	125604	29.21	ug/l	95
69) o-Xylene	9.78	106	41736	9.93	ug/l	96
73) Isopropylbenzene	10.17	105	34780	3.11	ug/l	99
78) n-propylbenzene	10.59	91	29359	2.25	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	42058	4.43	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	102657	10.68	ug/l	99
95) Naphthalene	13.75	128	29658	3.63	ug/l	99

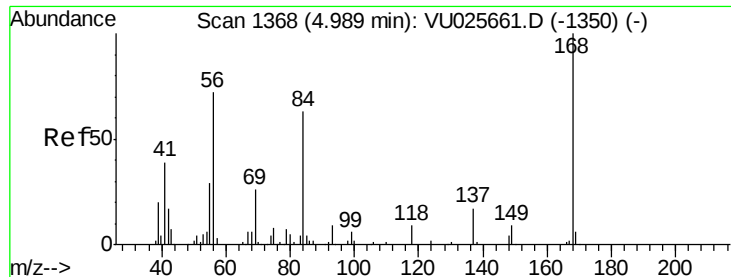
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025689.D

Acq: 27 Jul 2018 23:54

Instrument :

MSVOA_U

ClientSampleId :

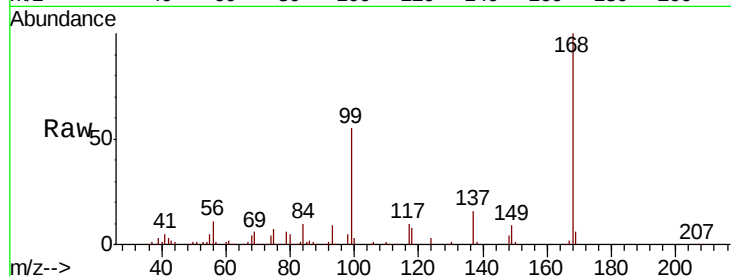
FL-0509DL

Tot Ion:168 Resp: 175965

Ion Ratio Lower Upper

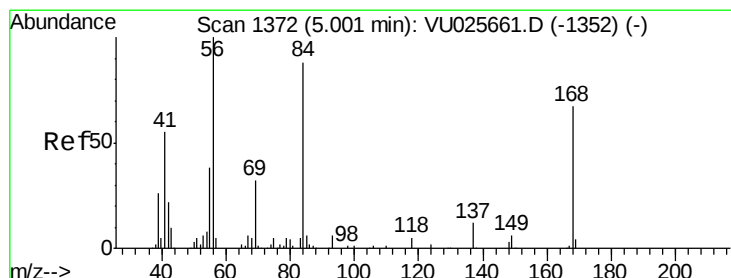
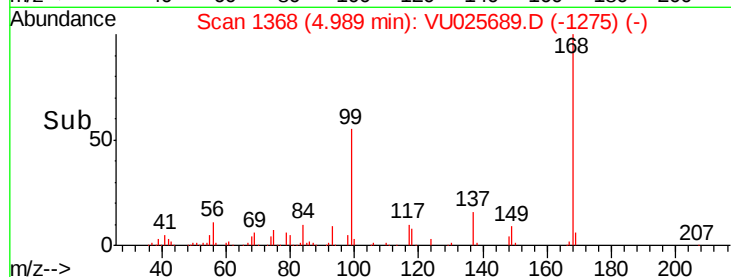
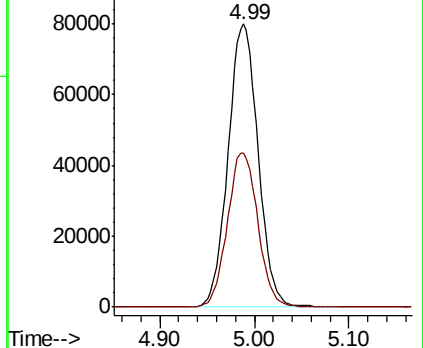
168 100

99 54.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#31

Cyclohexane

Concen: 6.62 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025689.D

Acq: 27 Jul 2018 23:54

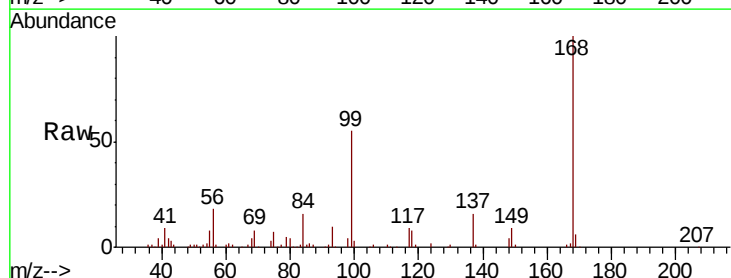
Tgt Ion: 56 Resp: 27232

Ion Ratio Lower Upper

56 100

69 47.7 26.8 40.2#

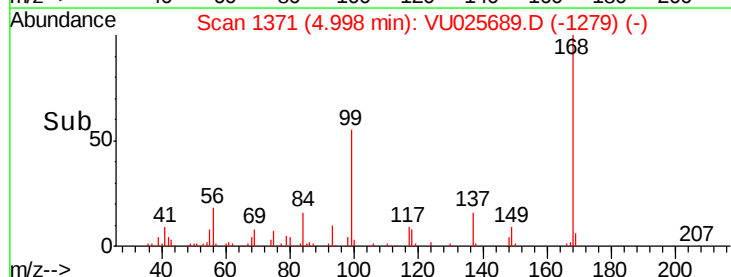
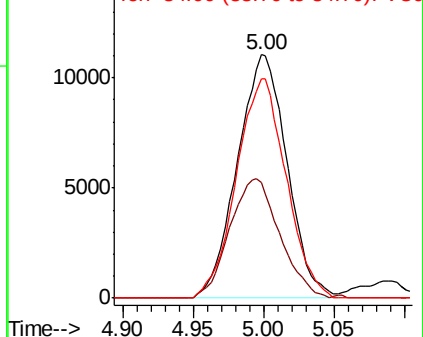
84 89.9 69.7 104.5

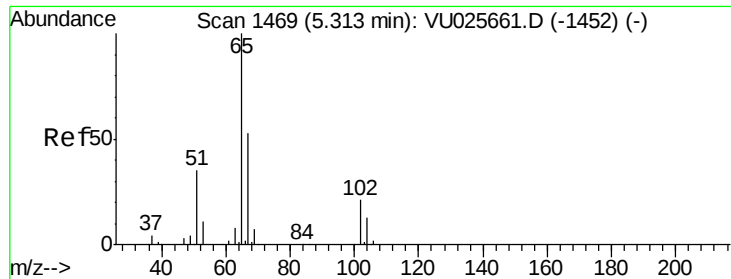


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

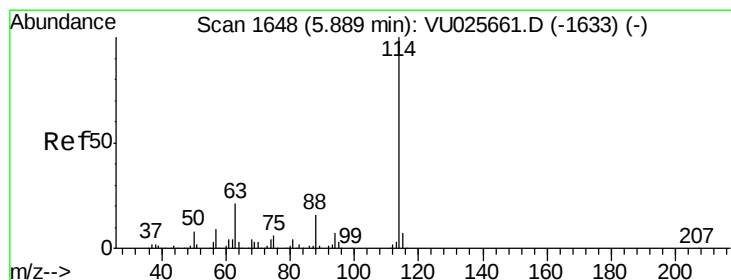
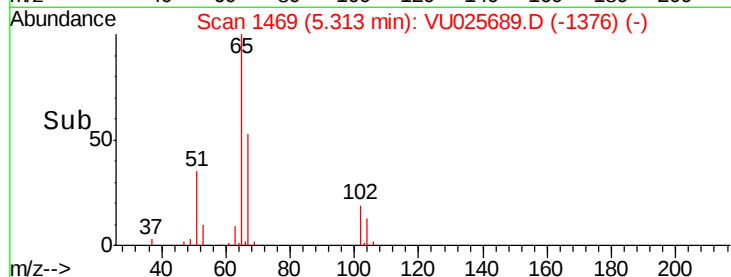
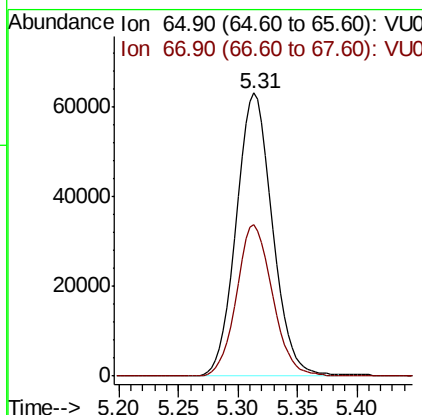
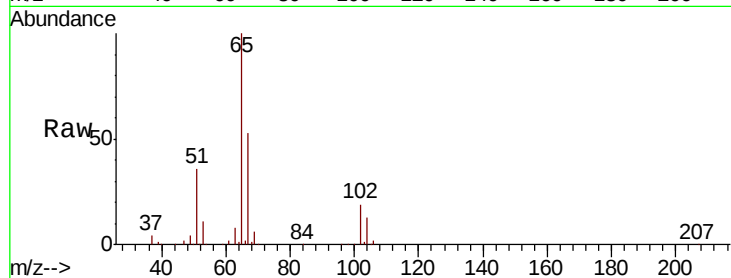




#33
 1,2-Dichloroethane-d4
 Concen: 48.60 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025689.D
 Acq: 27 Jul 2018 23:54

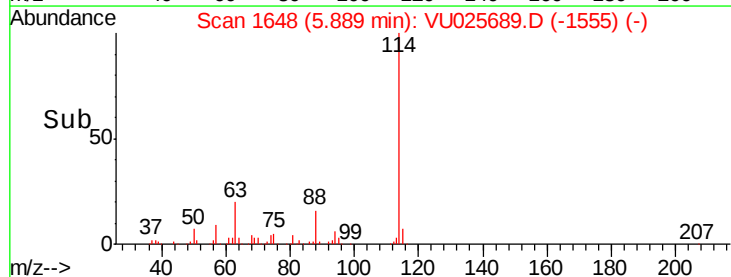
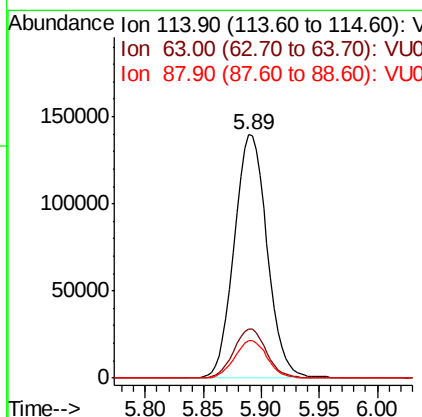
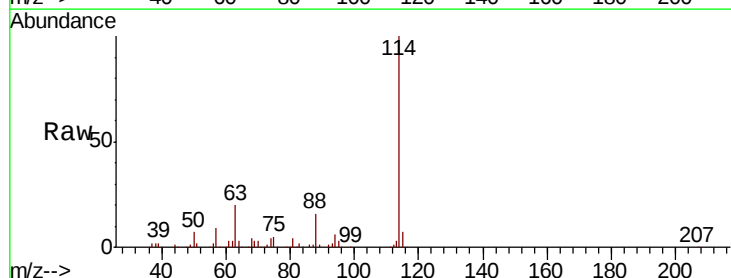
Instrument :
 MSVOA_U
 ClientSampleID :
 FL-0509DL

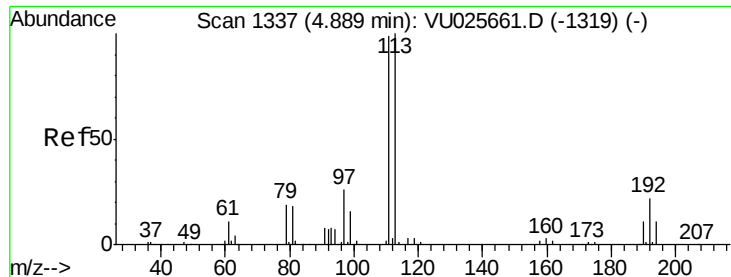
Tot Ion: 65 Resp: 133248
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025689.D
 Acq: 27 Jul 2018 23:54

Tgt Ion: 114 Resp: 275044
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.6
 88 15.5 0.0 32.4

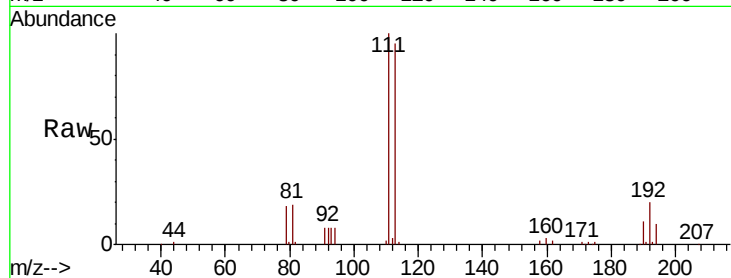




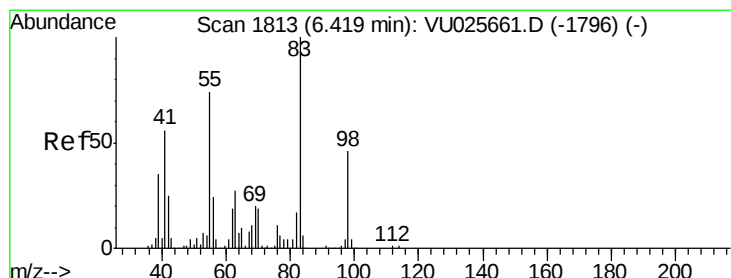
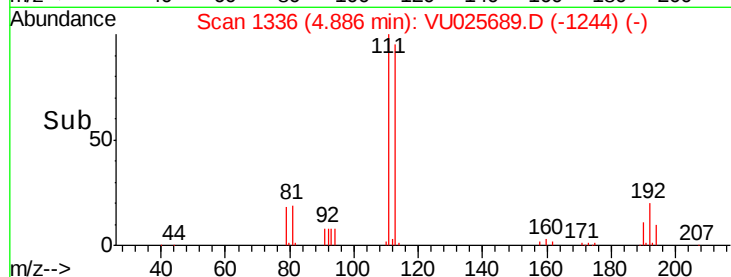
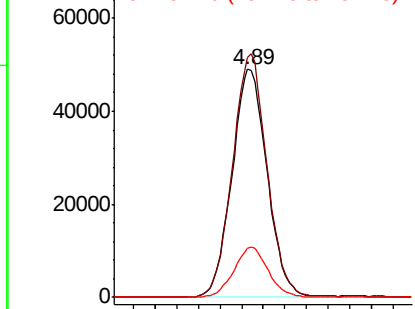
#35
Dibromofluoromethane
Concen: 46.57 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU025689.D
Acq: 27 Jul 2018 23:54

Instrument :
MSVOA_U
ClientSampleId :
FL-0509DL

Tot Ion:113 Resp: 111404
Ion Ratio Lower Upper
113 100
111 104.3 81.7 122.5
192 21.4 17.1 25.7

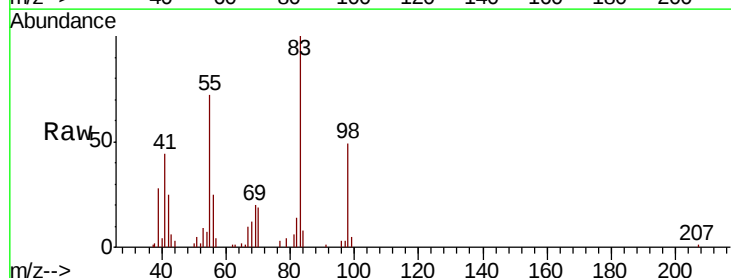


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

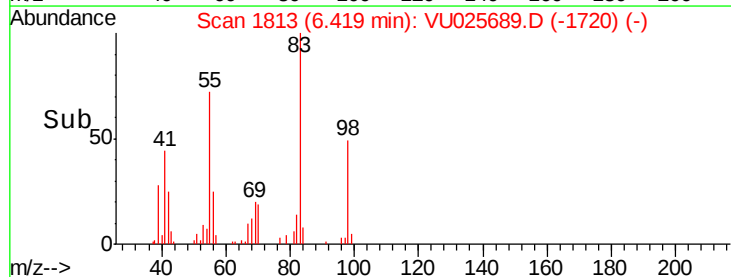
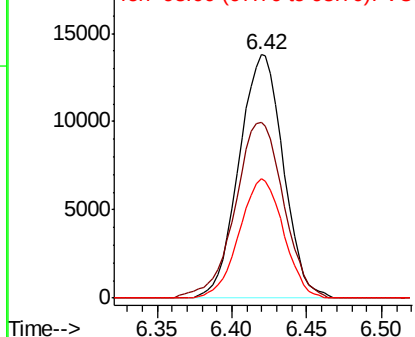


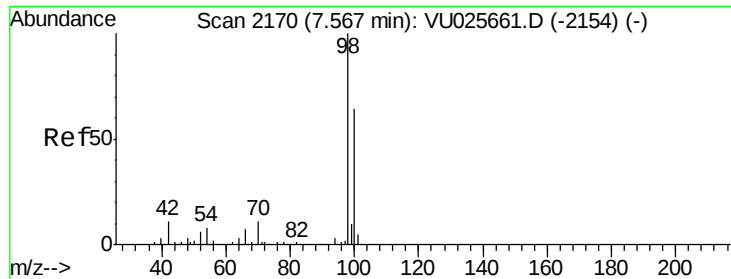
#39
Methylcyclohexane
Concen: 7.71 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025689.D
Acq: 27 Jul 2018 23:54

Tgt Ion: 83 Resp: 28398
Ion Ratio Lower Upper
83 100
55 72.0 60.0 90.0
98 49.0 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





#50

Toluene-d8

Concen: 47.37 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025689.D

Acq: 27 Jul 2018 23:54

Instrument :

MSVOA_U

ClientSampleId :

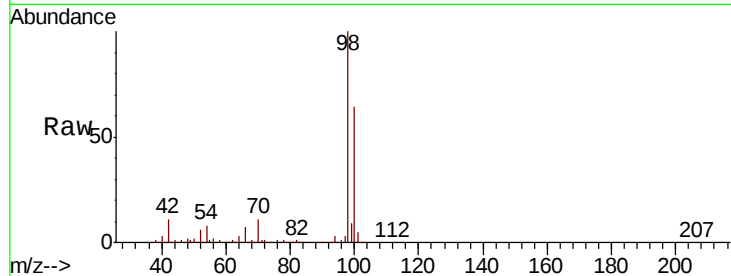
FL-0509DL

Tot Ion: 98 Resp: 396576

Ion Ratio Lower Upper

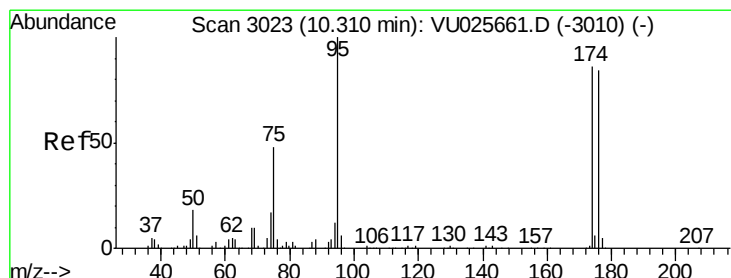
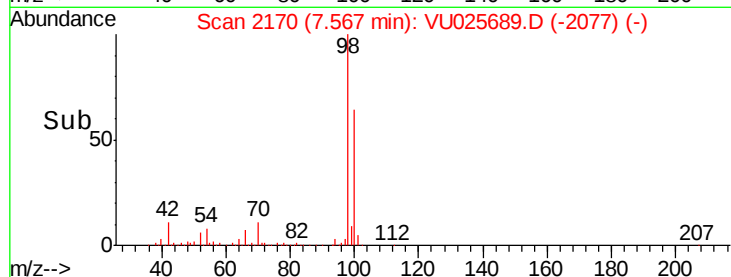
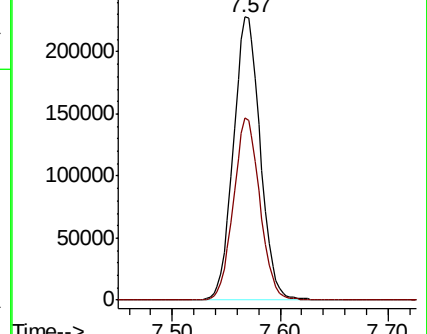
98 100

100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025661.D (-2154) (-)

Ion 100.00 (99.70 to 100.70): VU025661.D (-2154) (-)



#62

4-Bromofluorobenzene

Concen: 48.12 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025689.D

Acq: 27 Jul 2018 23:54

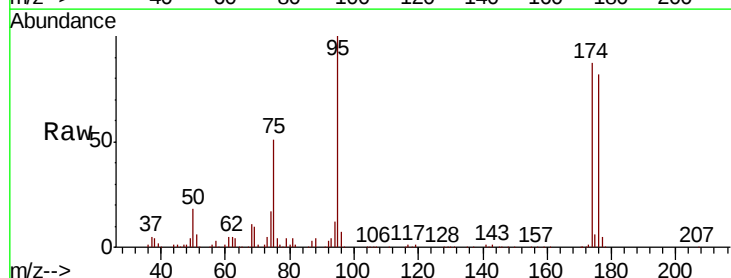
Tgt Ion: 95 Resp: 156362

Ion Ratio Lower Upper

95 100

174 87.3 0.0 172.2

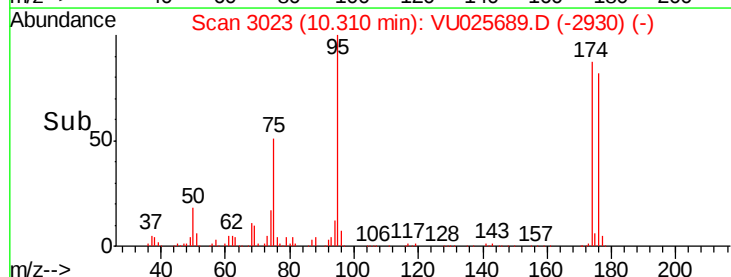
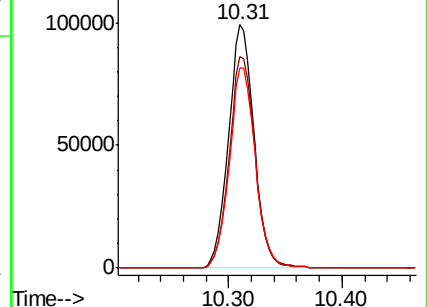
176 83.4 0.0 162.6

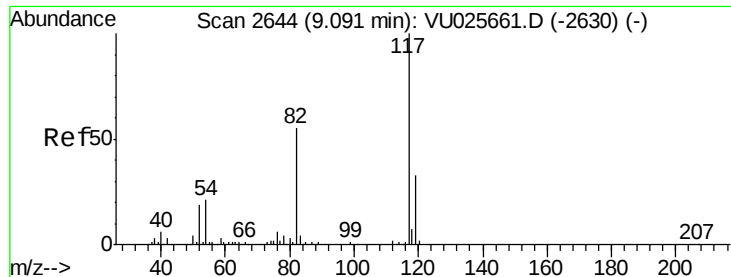


Abundance Ion 94.90 (94.60 to 95.60): VU025661.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025661.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025661.D (-3010) (-)

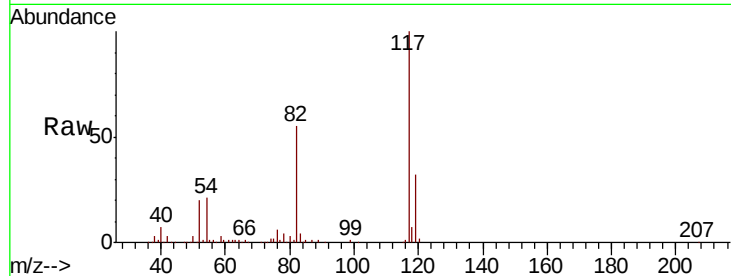




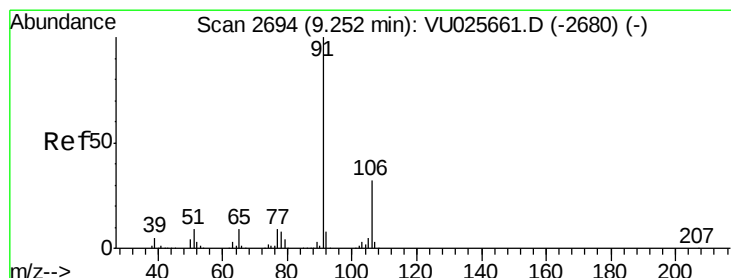
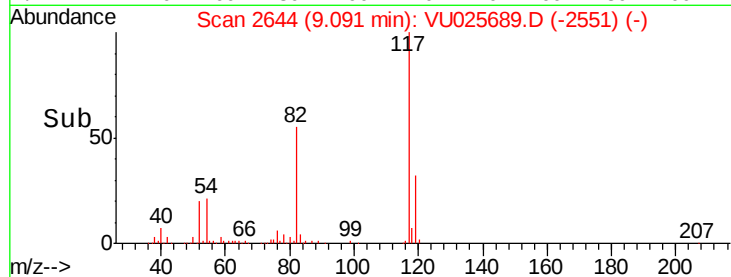
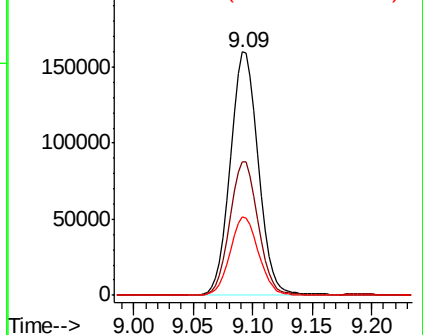
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025689.D
Acq: 27 Jul 2018 23:54

Instrument :
MSVOA_U
ClientSampleId :
FL-0509DL

Tot Ion:117 Resp: 262251
Ion Ratio Lower Upper
117 100
82 55.0 46.0 69.0
119 32.2 26.0 39.0

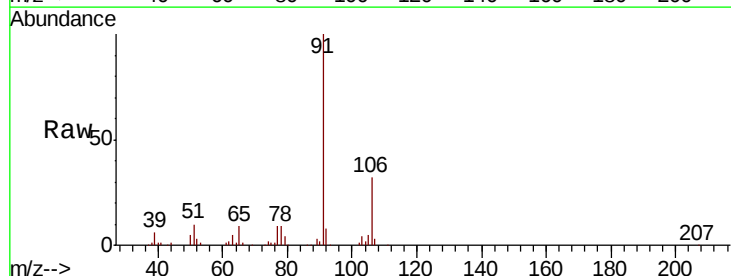


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

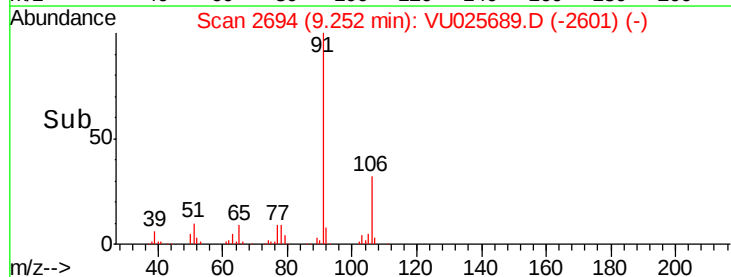
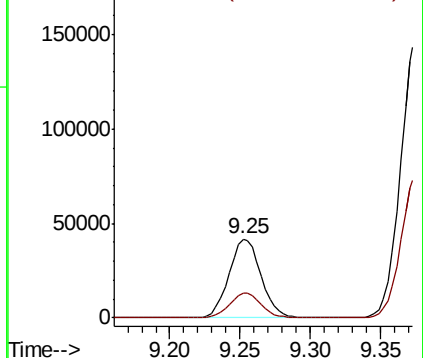


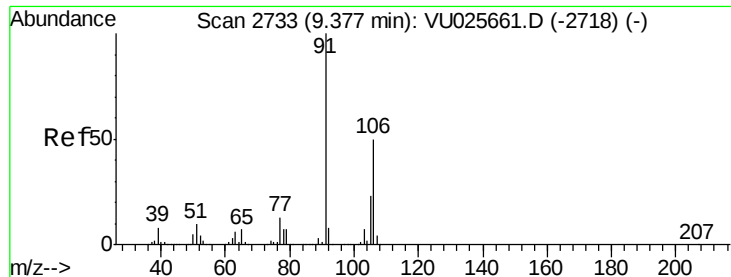
#67
Ethyl Benzene
Concen: 5.97 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025689.D
Acq: 27 Jul 2018 23:54

Tgt Ion: 91 Resp: 66848
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



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

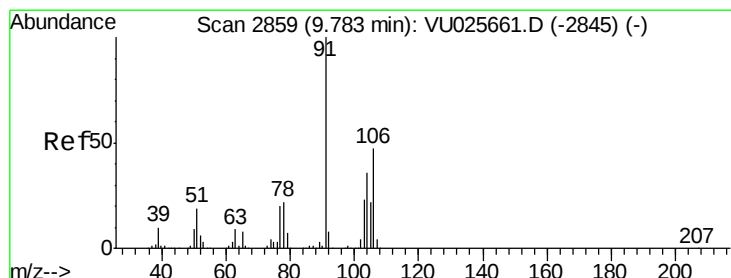
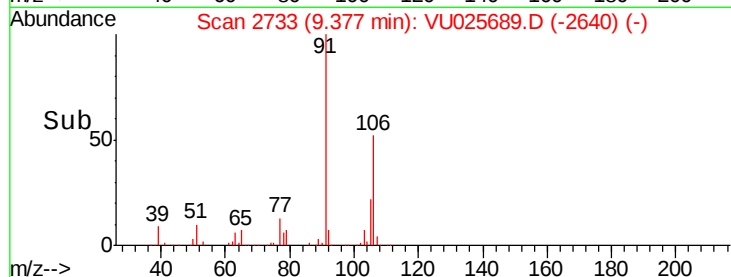
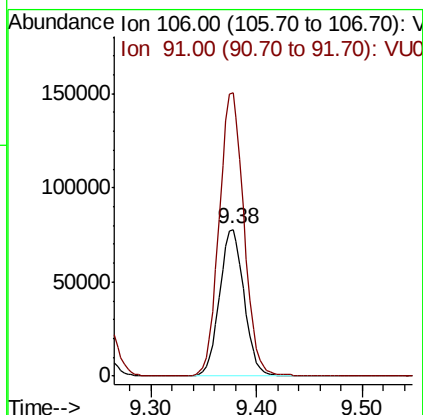
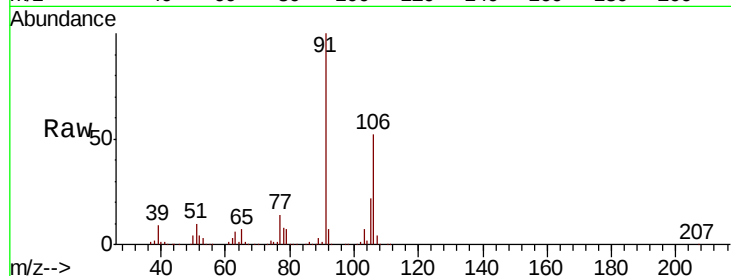




#68
m/p-Xylenes
Concen: 29.21 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025689.D
Acq: 27 Jul 2018 23:54

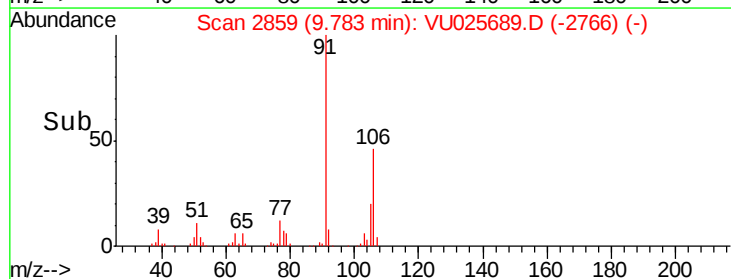
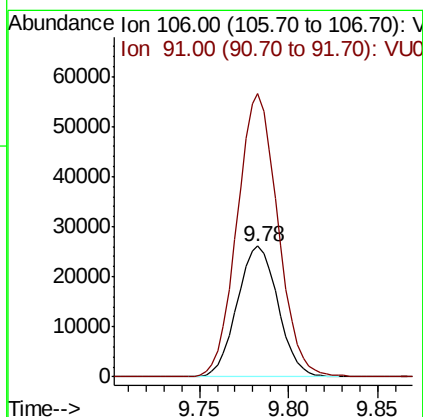
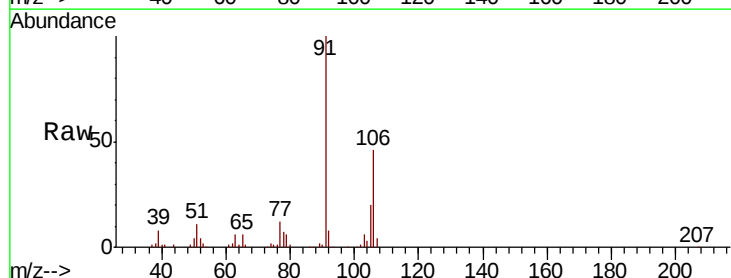
Instrument :
MSVOA_U
ClientSampleId :
FL-0509DL

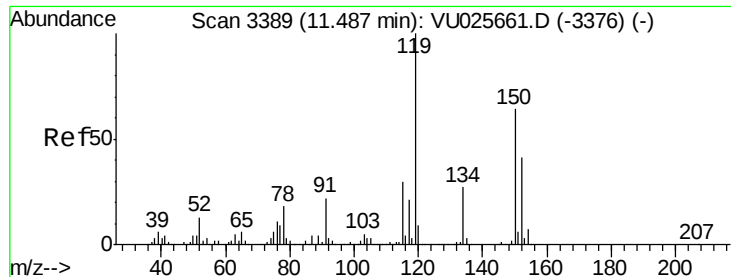
Tot Ion:106 Resp: 125604
Ion Ratio Lower Upper
106 100
91 195.3 162.3 243.5



#69
o-Xylene
Concen: 9.93 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025689.D
Acq: 27 Jul 2018 23:54

Tgt Ion:106 Resp: 41736
Ion Ratio Lower Upper
106 100
91 216.6 105.3 315.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025689.D

Acq: 27 Jul 2018 23:54

Instrument :

MSVOA_U

ClientSampleId :

FL-0509DL

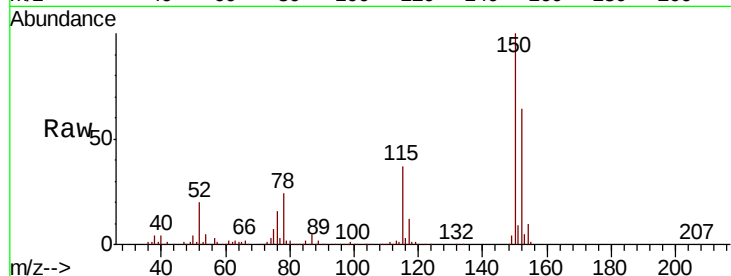
Tot Ion:152 Resp: 163630

Ion Ratio Lower Upper

152 100

115 57.3 40.1 120.3

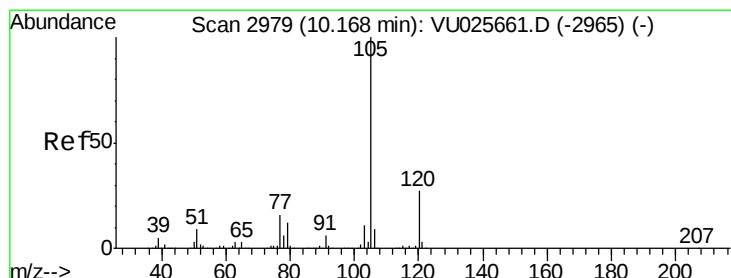
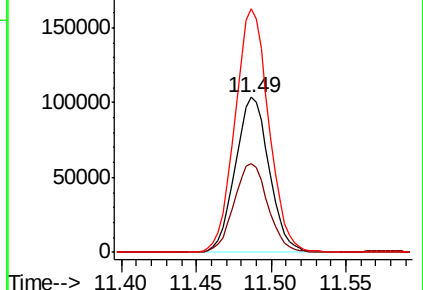
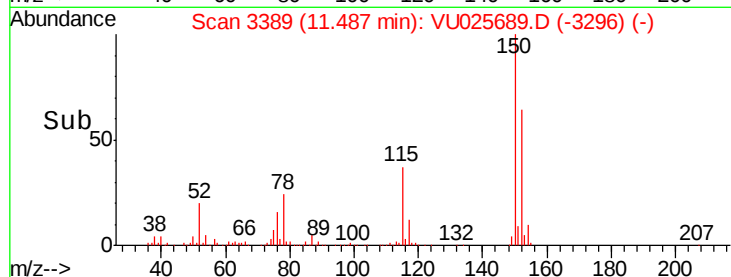
150 156.5 0.0 351.4



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: 3.11 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025689.D

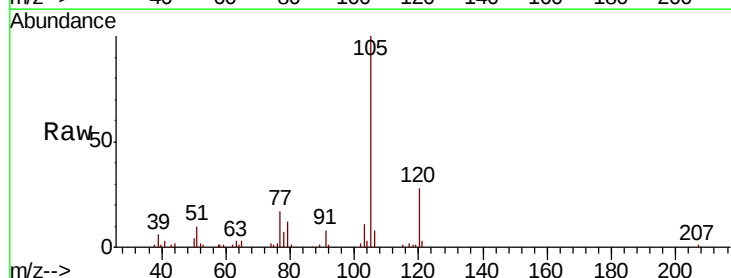
Acq: 27 Jul 2018 23:54

Tgt Ion:105 Resp: 34780

Ion Ratio Lower Upper

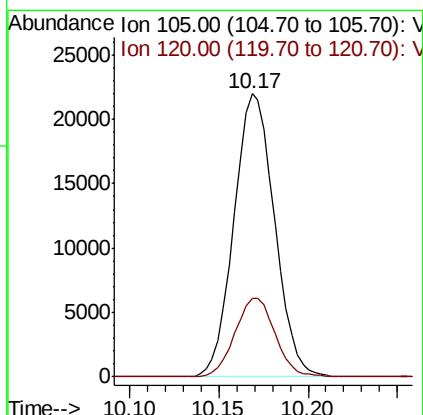
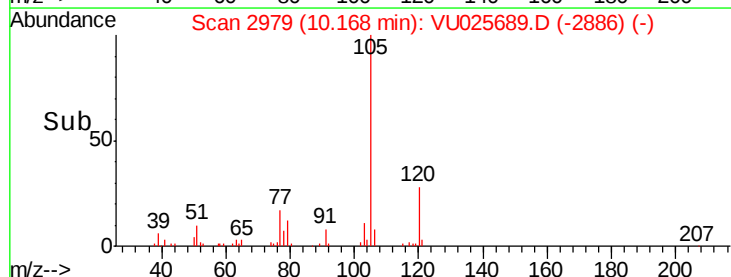
105 100

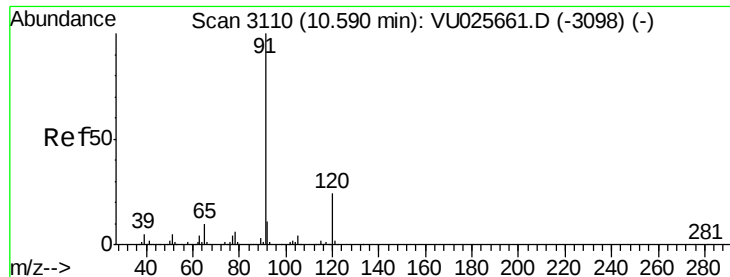
120 27.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.25 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025689.D

Acq: 27 Jul 2018 23:54

Instrument :

MSVOA_U

ClientSampleId :

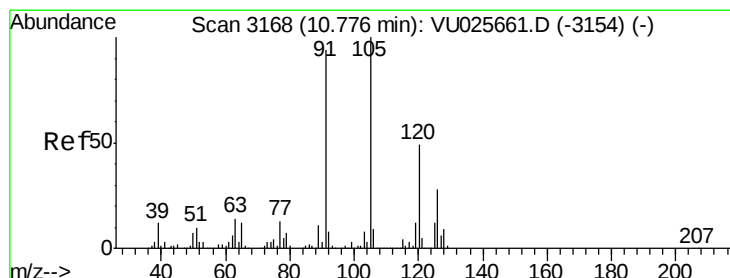
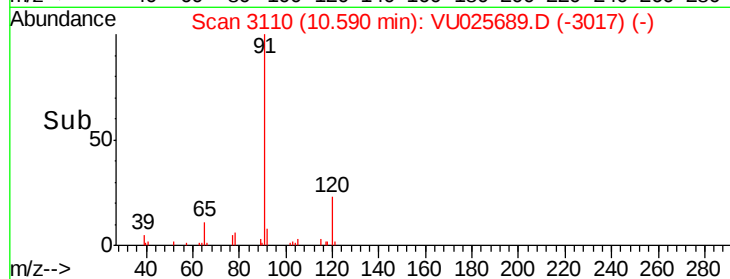
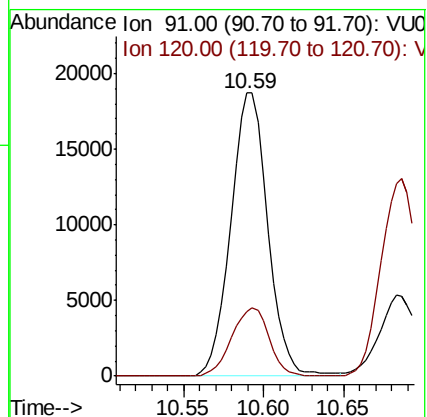
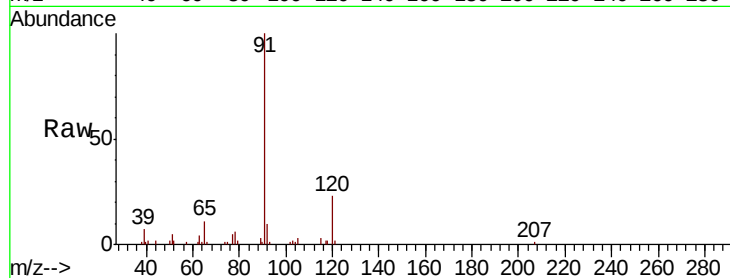
FL-0509DL

Tot Ion: 91 Resp: 29359

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 4.43 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025689.D

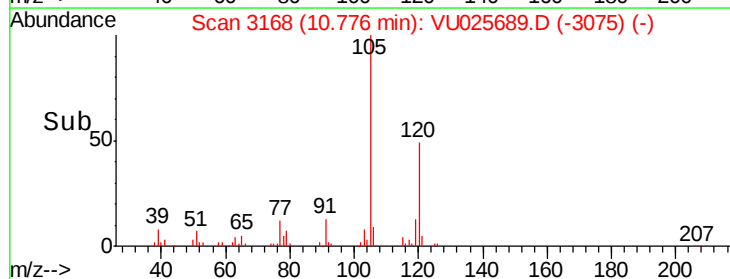
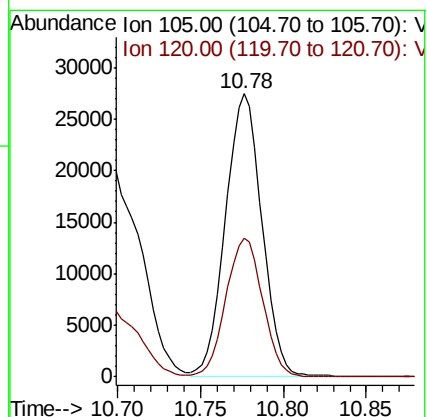
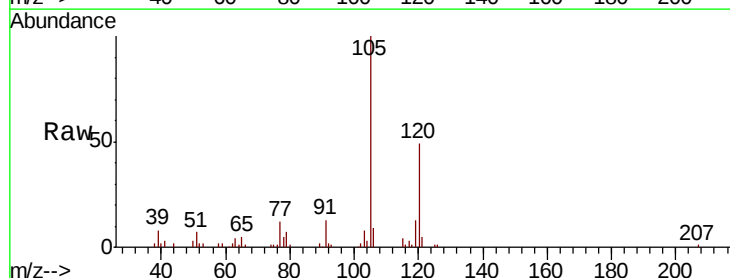
Acq: 27 Jul 2018 23:54

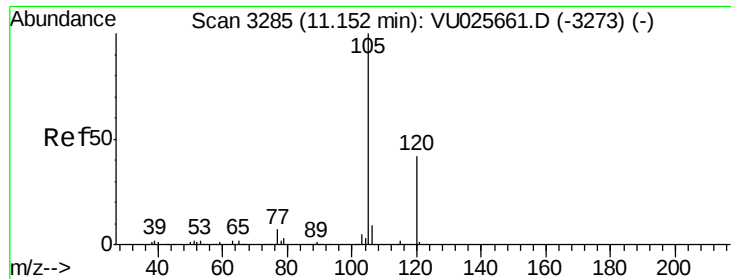
Tgt Ion: 105 Resp: 42058

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.2

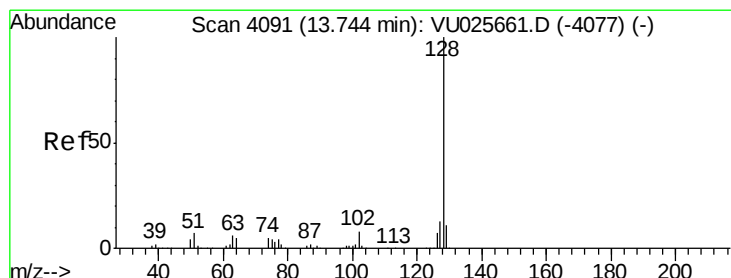
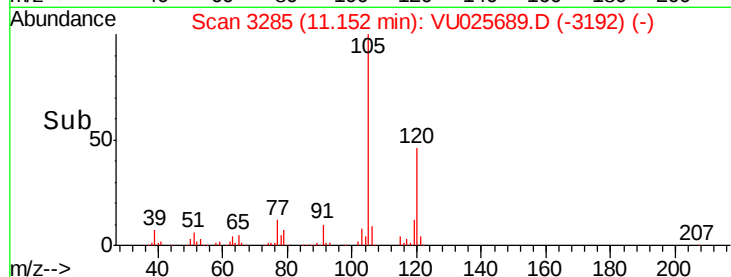
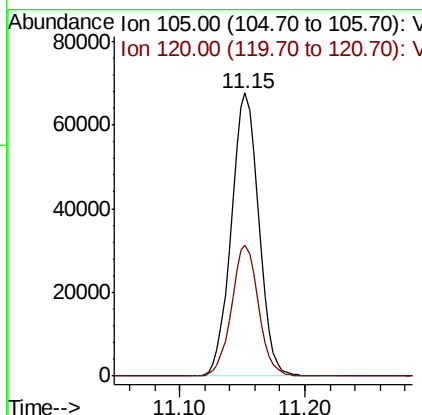
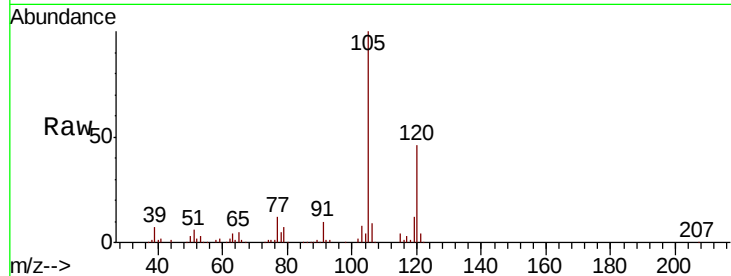




#84
 1,2,4-Trimethylbenzene
 Concen: 10.68 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025689.D
 Acq: 27 Jul 2018 23:54

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0509DL

Tot Ion:105 Resp: 102657
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8



#95
 Naphthalene
 Concen: 3.63 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025689.D
 Acq: 27 Jul 2018 23:54

Tgt Ion:128 Resp: 29658
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.5 15.7
 129 10.4 8.3 12.5

