

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025897.D
 Acq On : 06 Aug 2018 19:38
 Operator : MD/SY
 Sample : J4263-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0522

Quant Time: Aug 07 02:04:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	176627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	286665	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	173330	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	144635	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.12%		
35) Dibromofluoromethane	4.89	113	119574	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.92%		
50) Toluene-d8	7.57	98	429214	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.38%		
62) 4-Bromofluorobenzene	10.31	95	164484	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.14%		

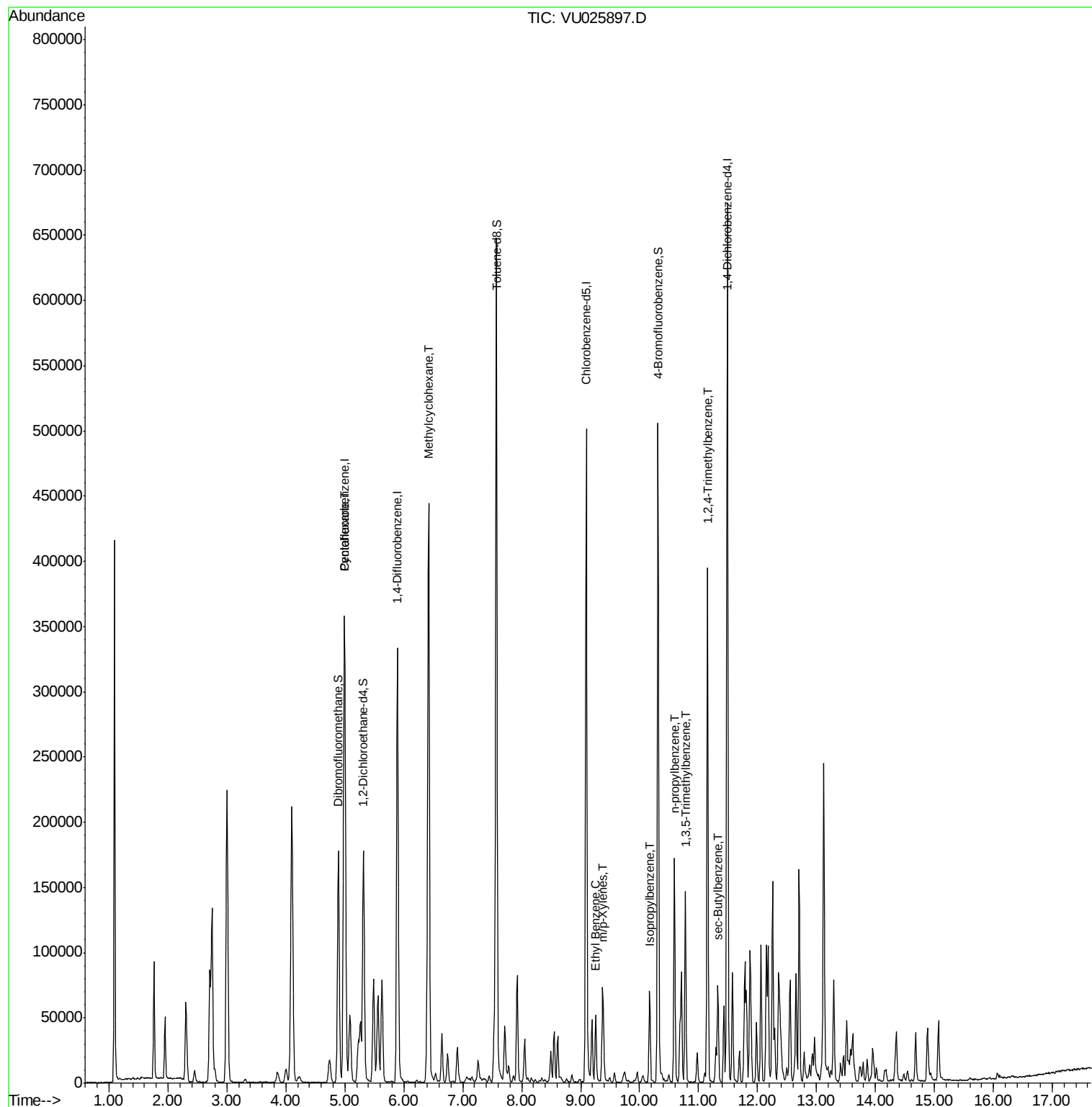
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	84407	23.35	ug/l	97
39) Methylcyclohexane	6.42	83	185784	48.40	ug/l	99
67) Ethyl Benzene	9.25	91	34745	2.85	ug/l	98
68) m/p-Xylenes	9.38	106	15374	3.28	ug/l	100
73) Isopropylbenzene	10.17	105	44522	3.76	ug/l	100
78) n-propylbenzene	10.59	91	128907	9.34	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	79322	7.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	208972	20.53	ug/l	98
85) sec-Butylbenzene	11.33	105	49795	4.09	ug/l	99

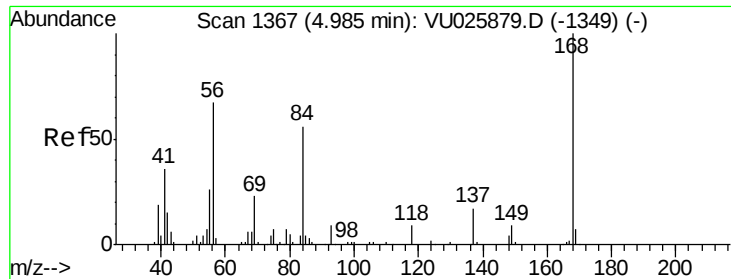
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025897.D
Acq On : 06 Aug 2018 19:38
Operator : MD/SY
Sample : J4263-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0522

Quant Time: Aug 07 02:04:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 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: VU025897.D

Acq: 06 Aug 2018 19:38

Instrument :

MSVOA_U

ClientSampleId :

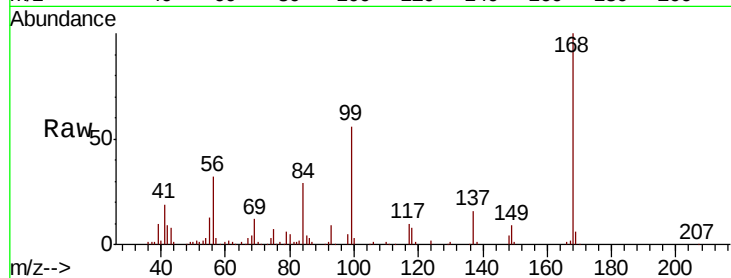
FL-0522

Tot Ion:168 Resp: 176627

Ion Ratio Lower Upper

168 100

99 56.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025897.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025897.D (-1349) (-)

4.99

80000

60000

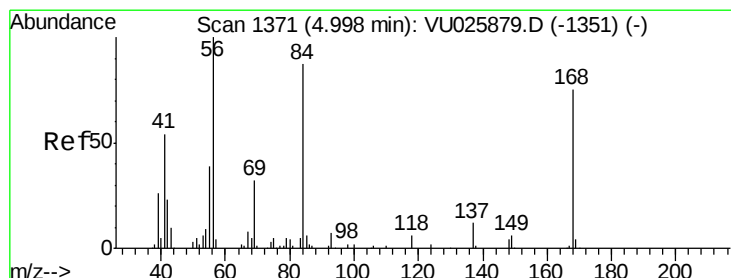
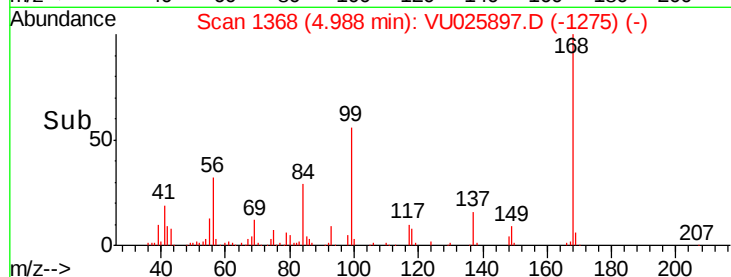
40000

20000

0

4.90 5.00 5.10

Time-->



#31

Cyclohexane

Concen: 23.35 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025897.D

Acq: 06 Aug 2018 19:38

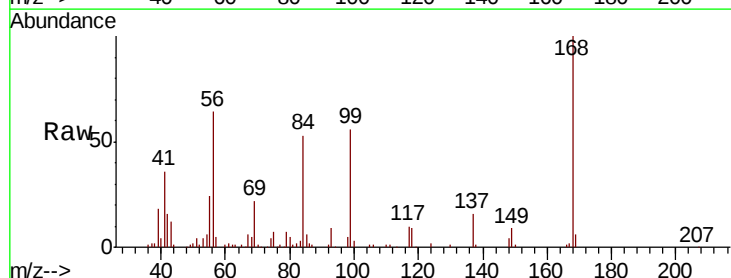
Tgt Ion: 56 Resp: 84407

Ion Ratio Lower Upper

56 100

69 33.7 26.8 40.2

84 82.8 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025897.D (-1279) (-)

Ion 69.00 (68.70 to 69.70): VU025897.D (-1279) (-)

Ion 84.00 (83.70 to 84.70): VU025897.D (-1279) (-)

5.00

40000

30000

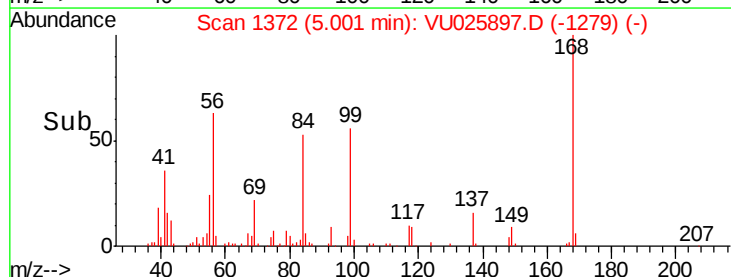
20000

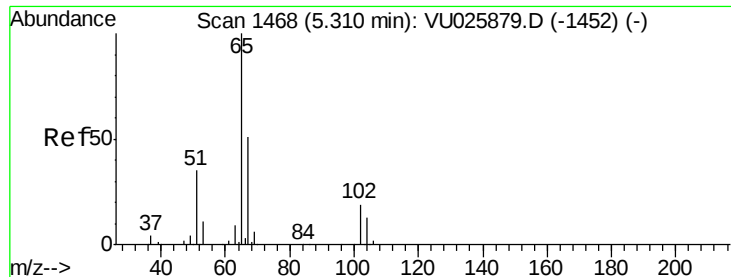
10000

0

4.90 4.95 5.00 5.05

Time-->

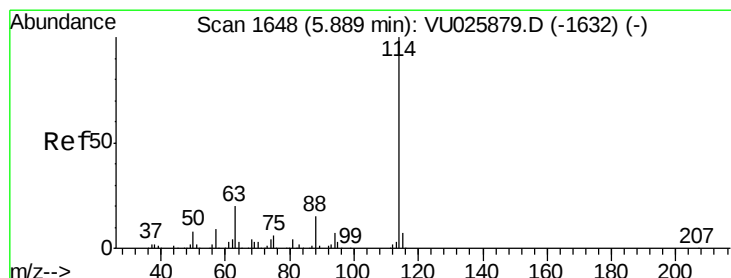
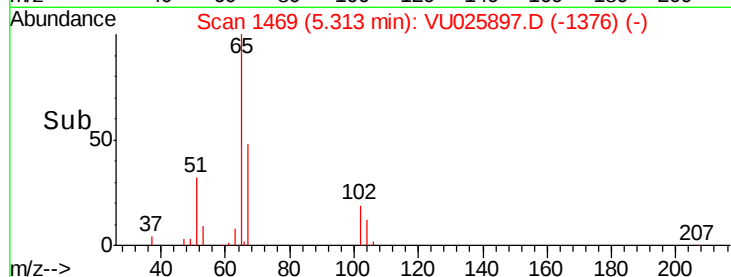
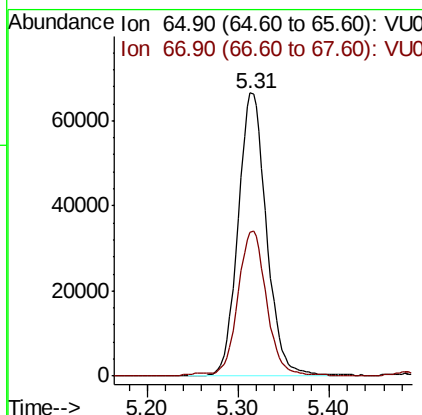
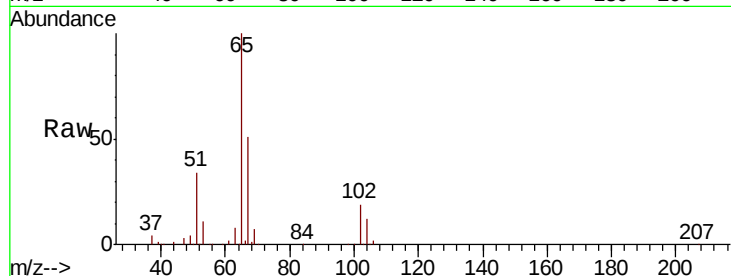




#33
 1,2-Dichloroethane-d4
 Concen: 52.56 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025897.D
 Acq: 06 Aug 2018 19:38

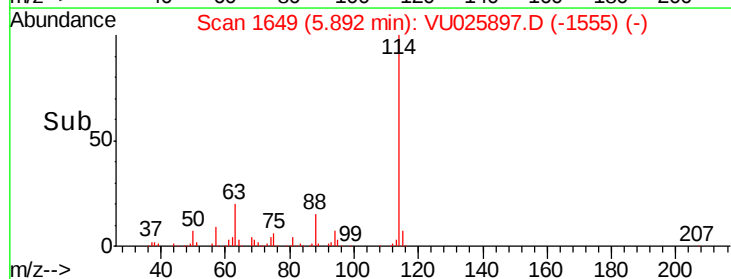
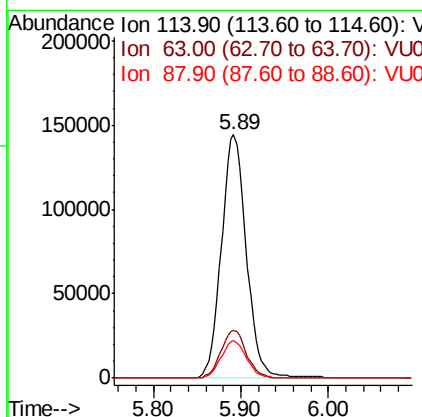
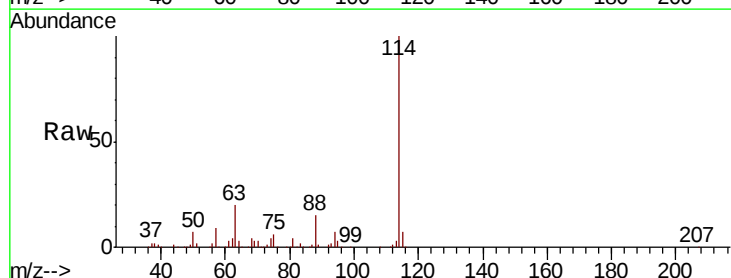
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0522

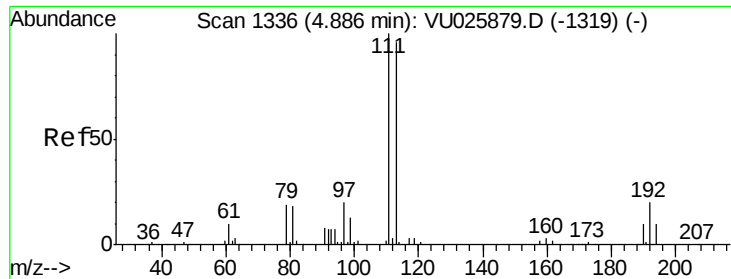
Tot Ion: 65 Resp: 144635
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025897.D
 Acq: 06 Aug 2018 19:38

Tgt Ion: 114 Resp: 286665
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.6
 88 15.3 0.0 32.4

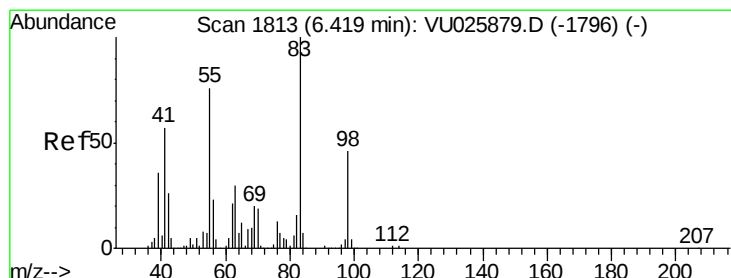
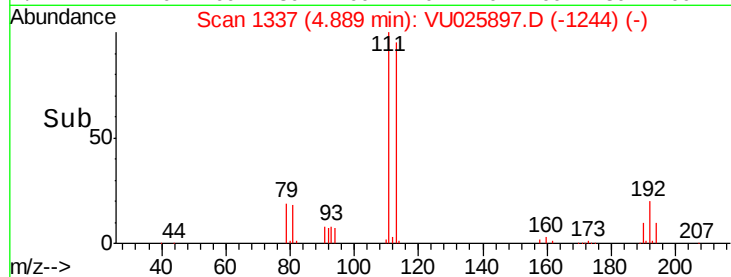
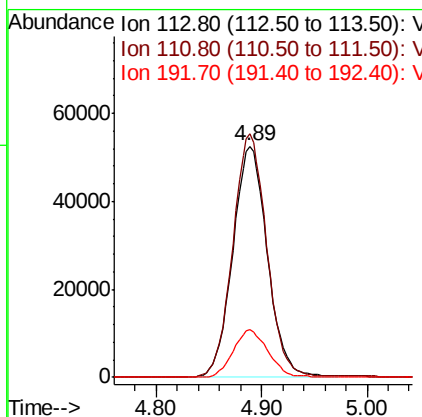
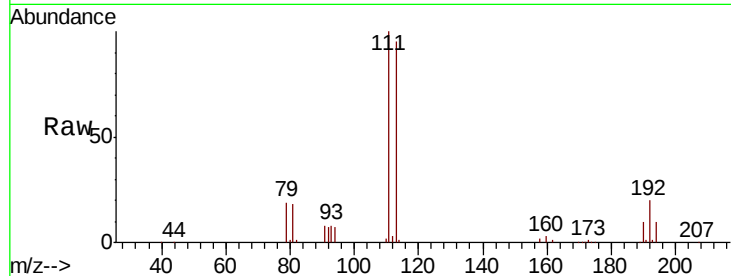




#35
 Dibromofluoromethane
 Concen: 47.96 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VU025897.D
 Acq: 06 Aug 2018 19:38

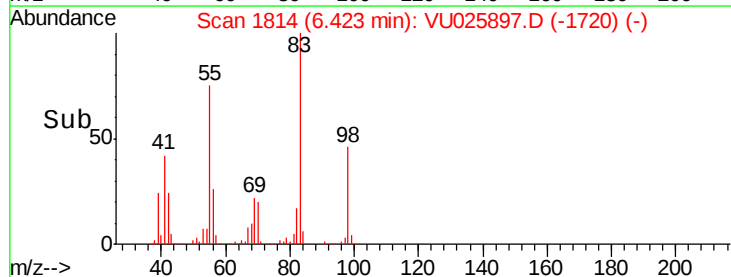
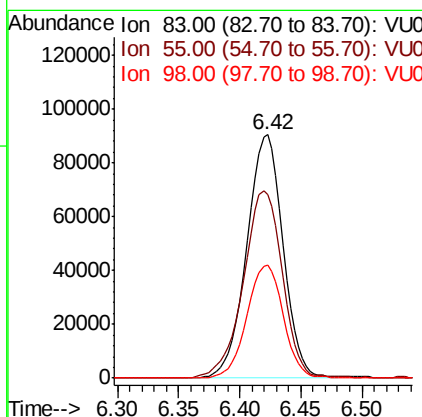
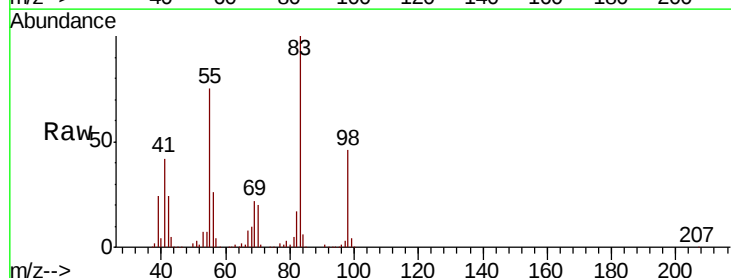
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0522

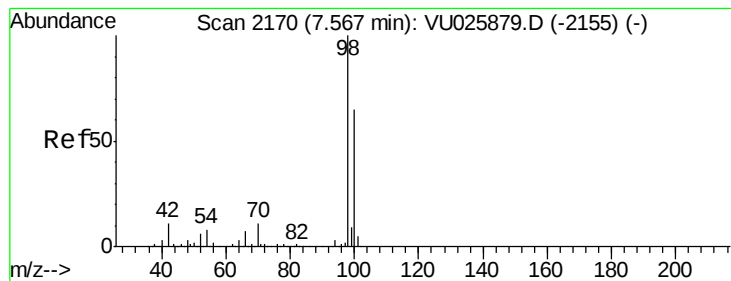
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.7	122.5
192	20.7	17.1	25.7



#39
 Methylcyclohexane
 Concen: 48.40 ug/l
 RT: 6.42 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: VU025897.D
 Acq: 06 Aug 2018 19:38

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.0	90.0
98	46.3	36.1	54.1





#50

Toluene-d8

Concen: 49.19 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025897.D

Acq: 06 Aug 2018 19:38

Instrument :

MSVOA_U

ClientSampled :

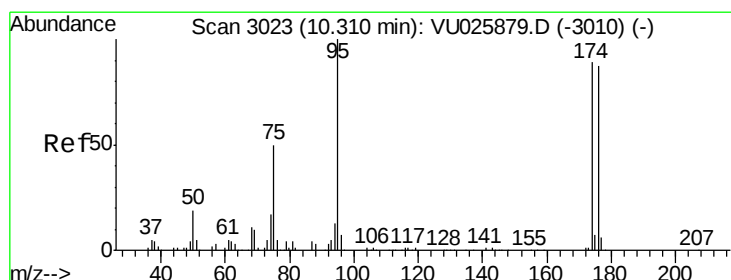
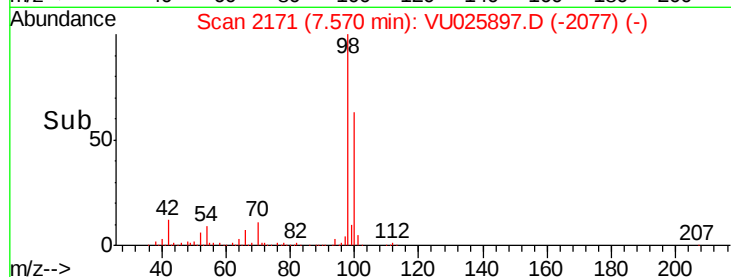
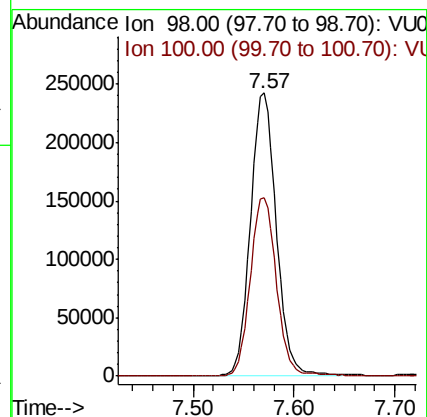
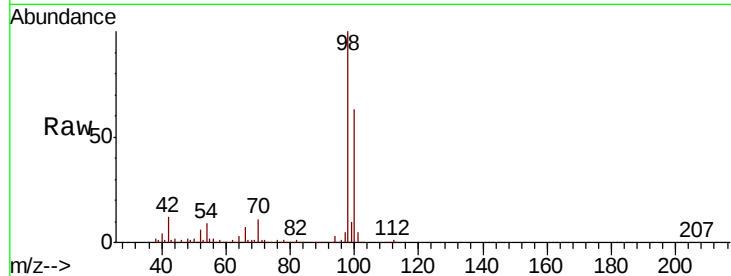
FL-0522

Tot Ion: 98 Resp: 429214

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 48.57 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025897.D

Acq: 06 Aug 2018 19:38

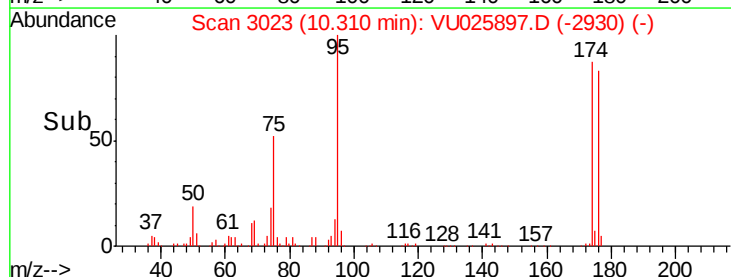
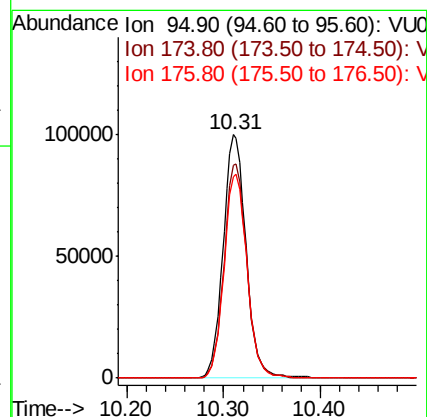
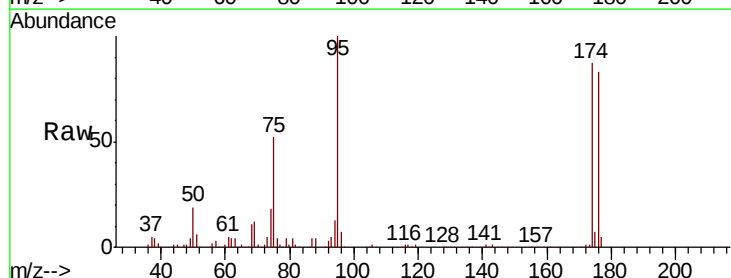
Tgt Ion: 95 Resp: 164484

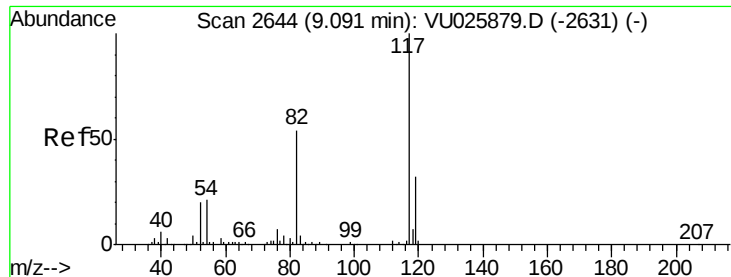
Ion Ratio Lower Upper

95 100

174 87.5 0.0 172.2

176 83.9 0.0 162.6

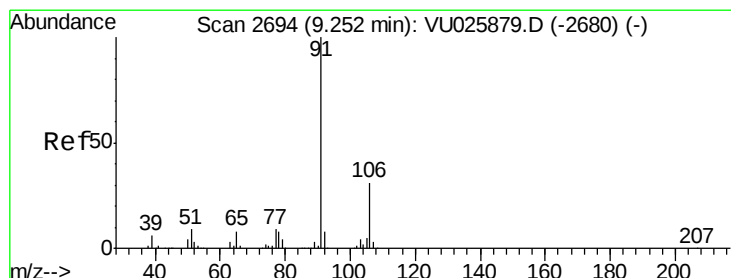
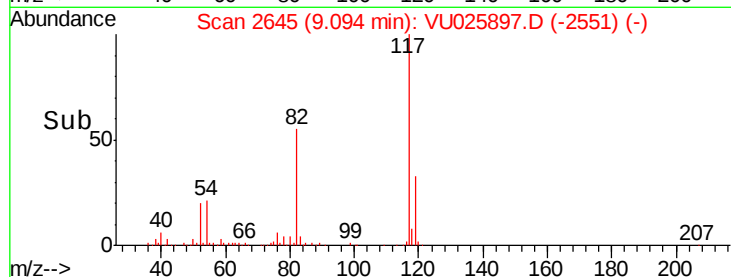
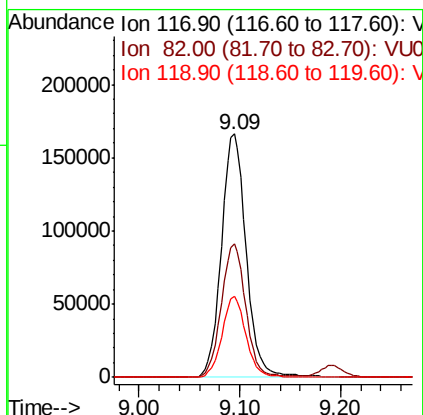
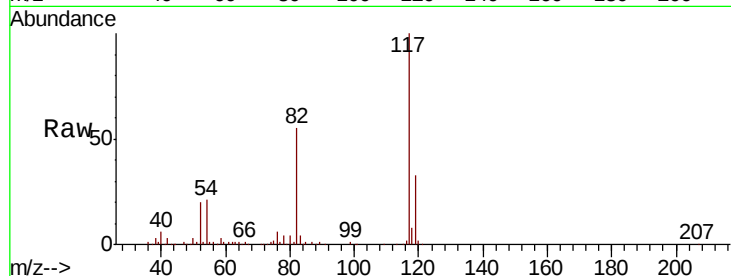




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025897.D
Acq: 06 Aug 2018 19:38

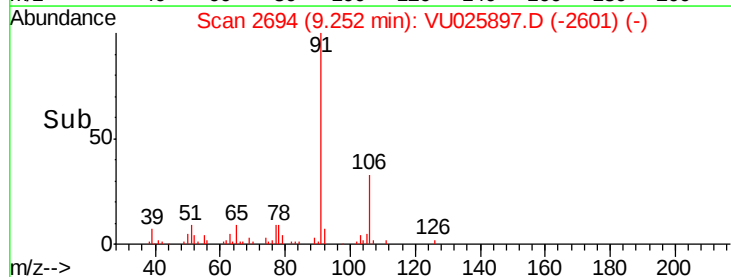
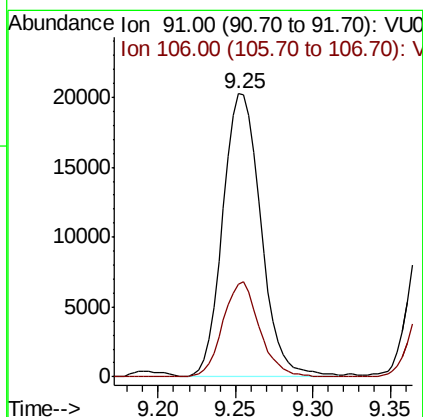
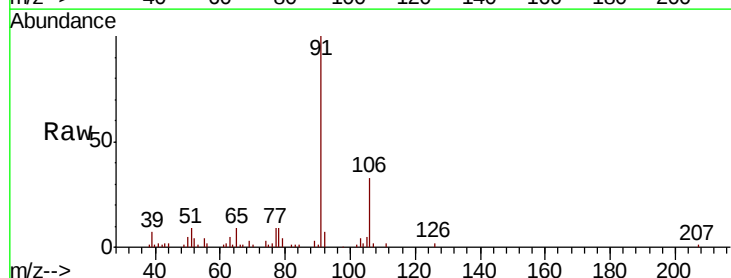
Instrument :
MSVOA_U
ClientSampleId :
FL-0522

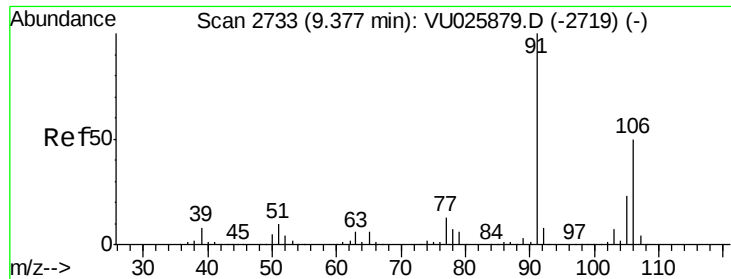
Tot Ion:117 Resp: 285746
Ion Ratio Lower Upper
117 100
82 54.8 46.0 69.0
119 33.2 26.0 39.0



#67
Ethyl Benzene
Concen: 2.85 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025897.D
Acq: 06 Aug 2018 19:38

Tgt Ion: 91 Resp: 34745
Ion Ratio Lower Upper
91 100
106 32.9 25.3 37.9

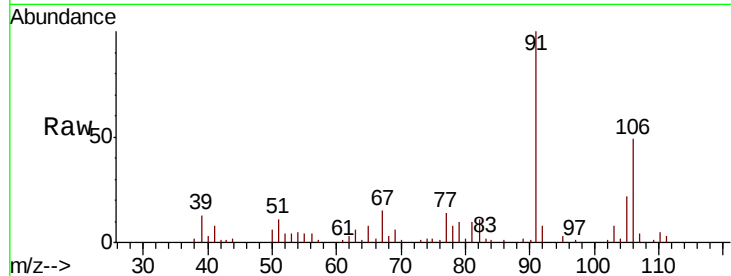




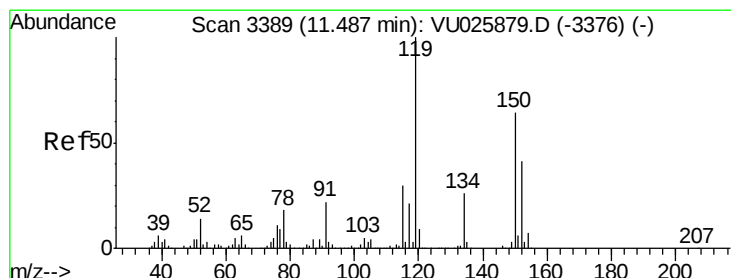
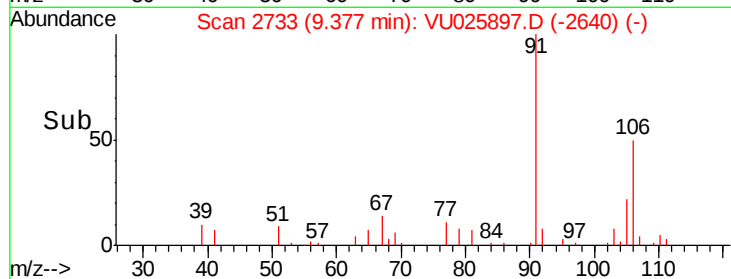
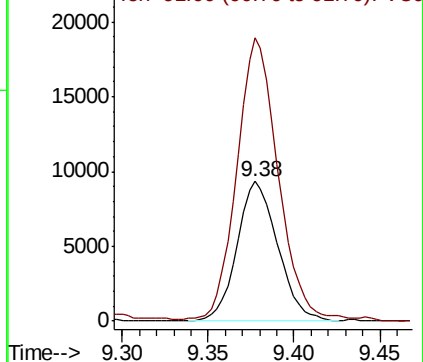
#68
m/p-Xvlenes
Concen: 3.28 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025897.D
Acq: 06 Aug 2018 19:38

Instrument :
MSVOA_U
ClientSampled :
FL-0522

Tot Ion:106 Resp: 15374
Ion Ratio Lower Upper
106 100
91 202.4 162.3 243.5

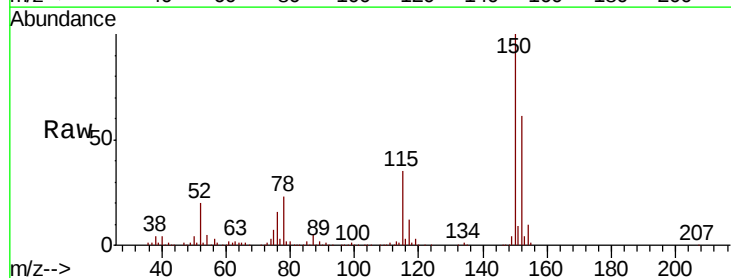


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

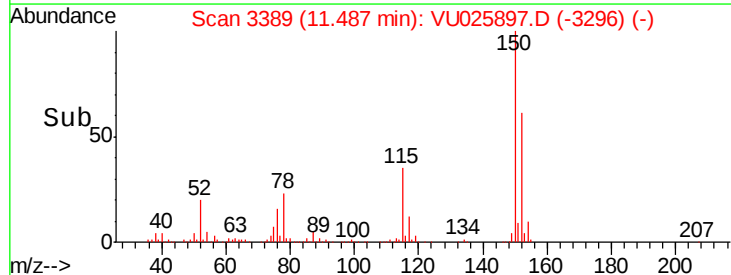
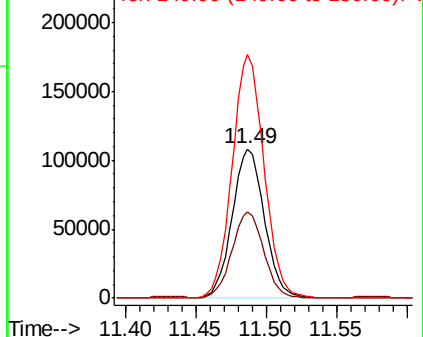


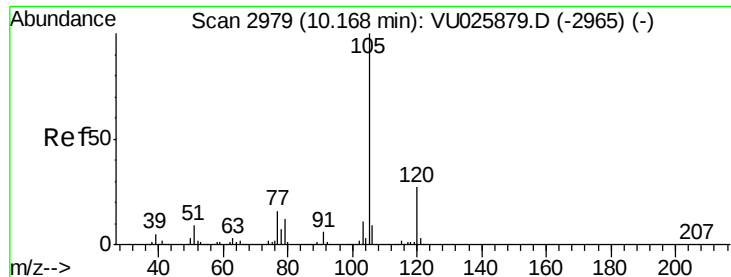
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025897.D
Acq: 06 Aug 2018 19:38

Tgt Ion:152 Resp: 173330
Ion Ratio Lower Upper
152 100
115 57.2 40.1 120.3
150 161.3 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: 3.76 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025897.D

Acq: 06 Aug 2018 19:38

Instrument :

MSVOA_U

ClientSampled :

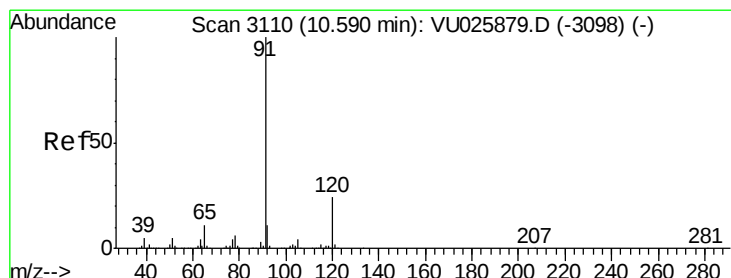
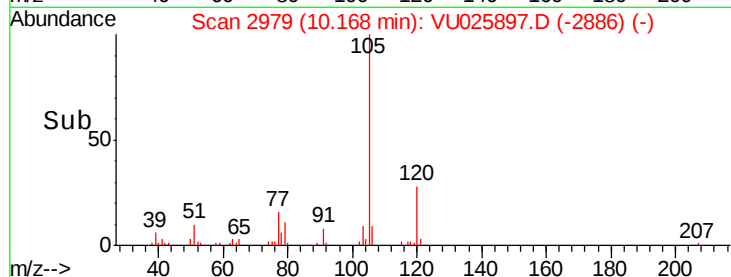
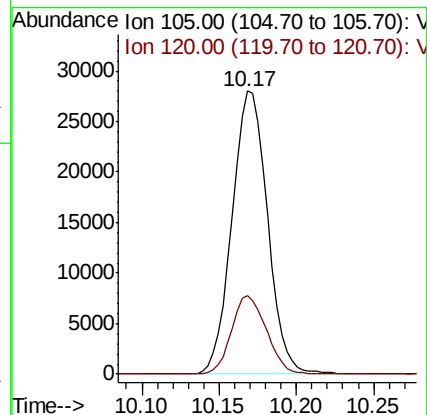
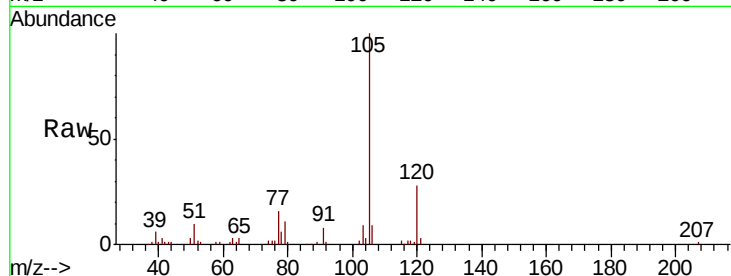
FL-0522

Tot Ion:105 Resp: 44522

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#78

n-propylbenzene

Concen: 9.34 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025897.D

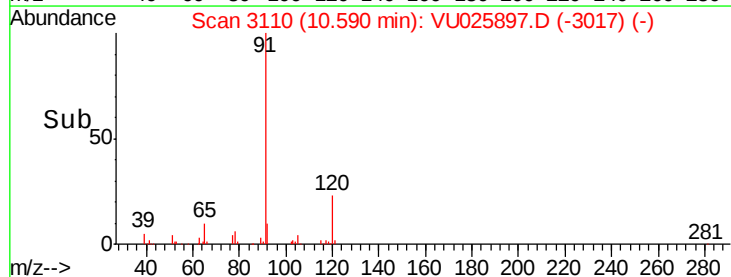
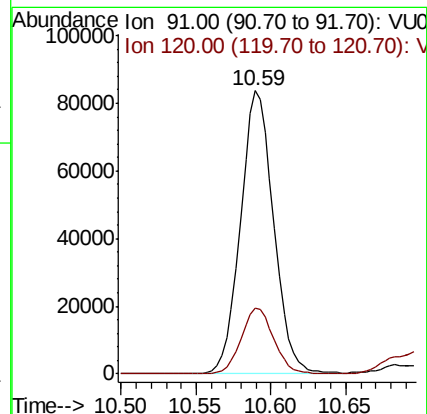
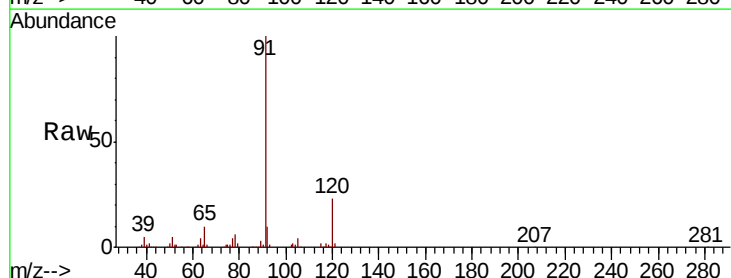
Acq: 06 Aug 2018 19:38

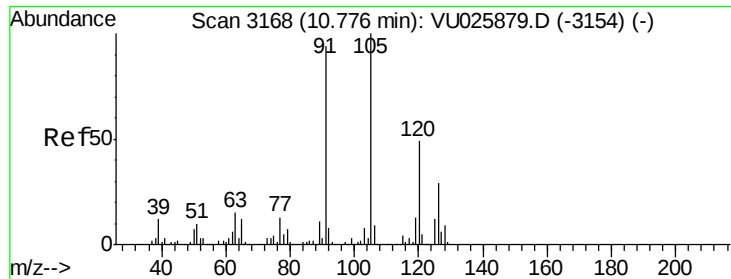
Tgt Ion: 91 Resp: 128907

Ion Ratio Lower Upper

91 100

120 22.8 11.8 35.3





#80

1,3,5-Trimethylbenzene

Concen: 7.90 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025897.D

Acq: 06 Aug 2018 19:38

Instrument :

MSVOA_U

ClientSampleId :

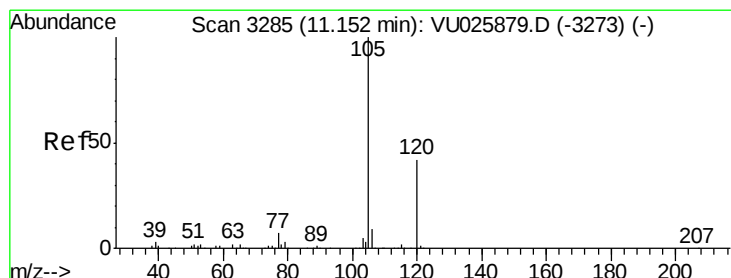
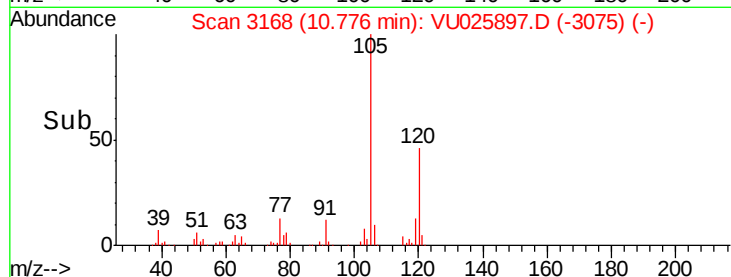
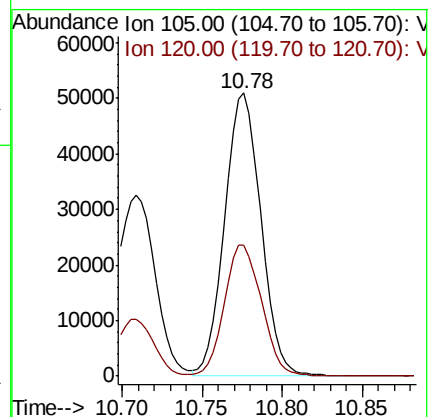
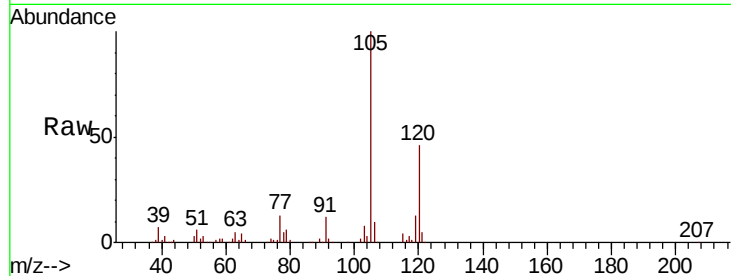
FL-0522

Tot Ion:105 Resp: 79322

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.2



#84

1,2,4-Trimethylbenzene

Concen: 20.53 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. -0.00 min

Lab File: VU025897.D

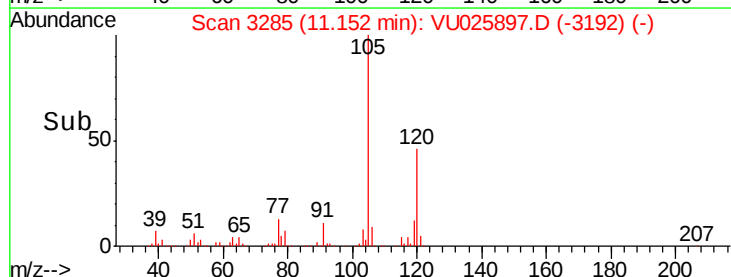
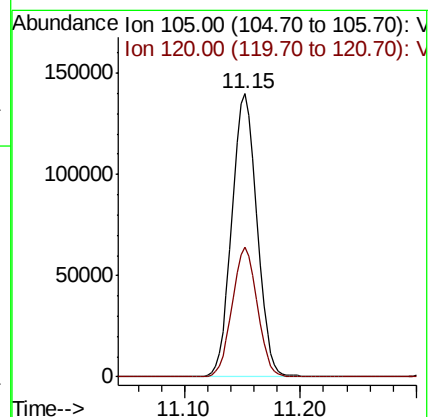
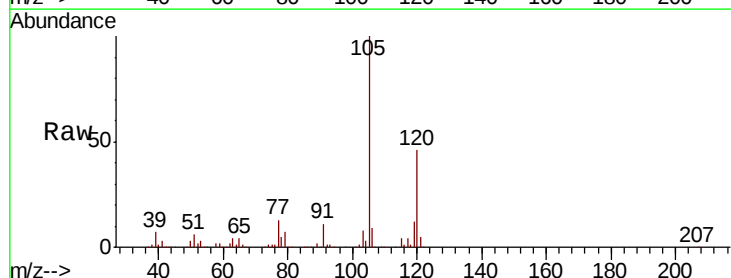
Acq: 06 Aug 2018 19:38

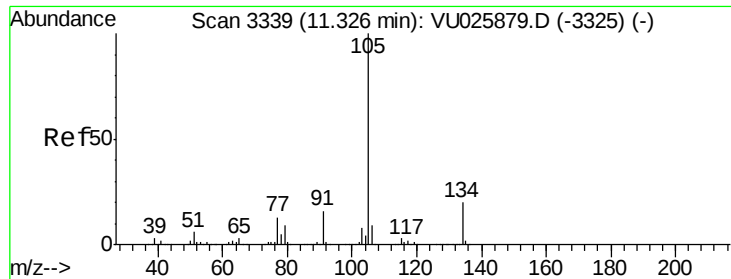
Tgt Ion:105 Resp: 208972

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 4.09 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025897.D

Acq: 06 Aug 2018 19:38

Instrument :

MSVOA_U

ClientSampleId :

FL-0522

Tot Ion:105 Resp: 49795

Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.8

