

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025898.D
 Acq On : 06 Aug 2018 20:02
 Operator : MD/SY
 Sample : J4263-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0520

Quant Time: Aug 07 08:54:44 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	182323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	290359	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	177399	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.32	65	145407	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	4.89	113	121424	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	7.57	98	430158	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	10.31	95	163705	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	

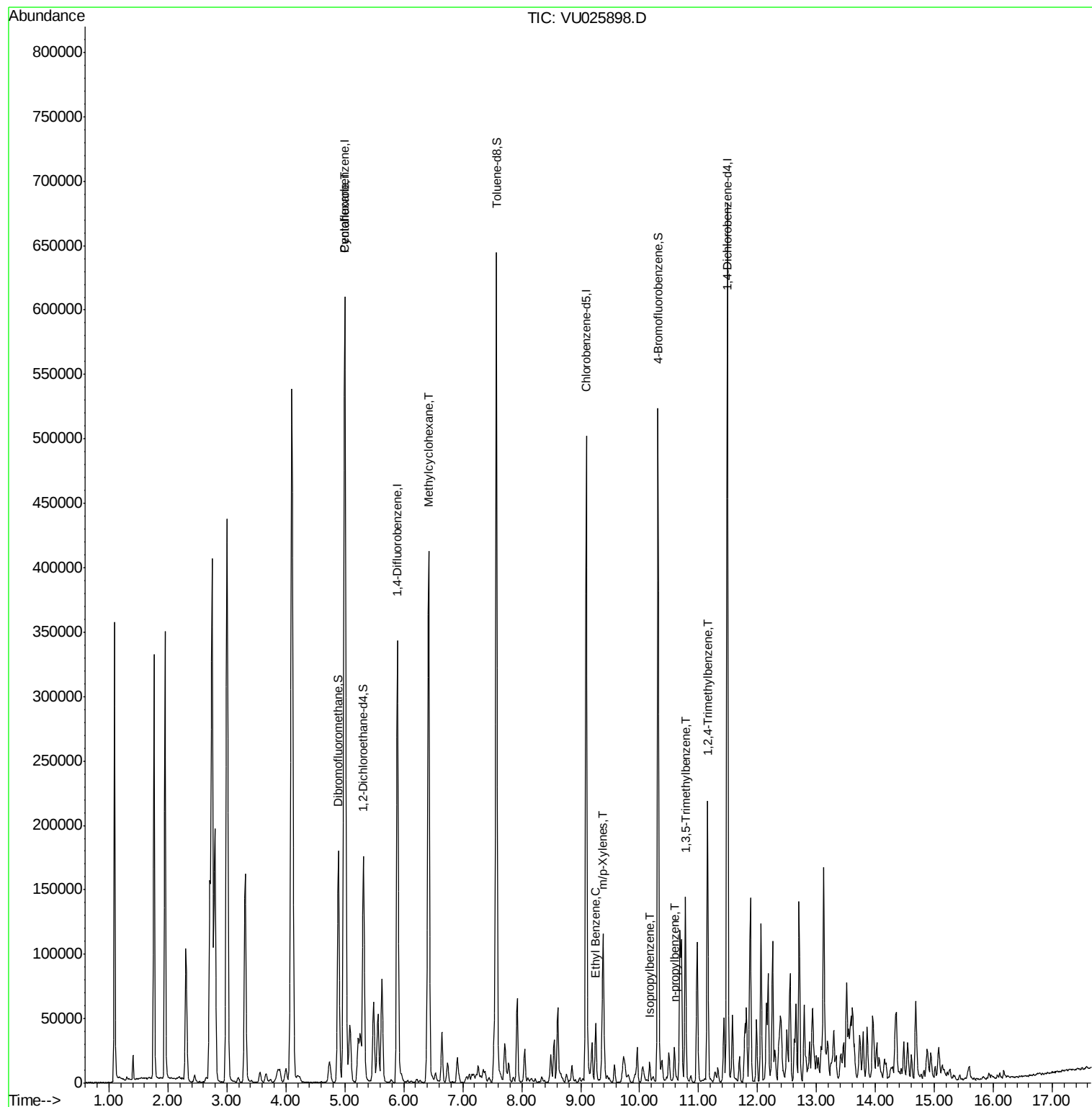
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	223691	62.12	ug/l	99
39) Methylcyclohexane	6.42	83	170524	43.86	ug/l	98
67) Ethyl Benzene	9.26	91	26314	2.14	ug/l	94
68) m/p-Xylenes	9.38	106	26867	5.69	ug/l	95
73) Isopropylbenzene	10.17	105	9639	0.80	ug/l	99
78) n-propylbenzene	10.59	91	20409	1.44	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	74037	7.20	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	118907	11.41	ug/l	98

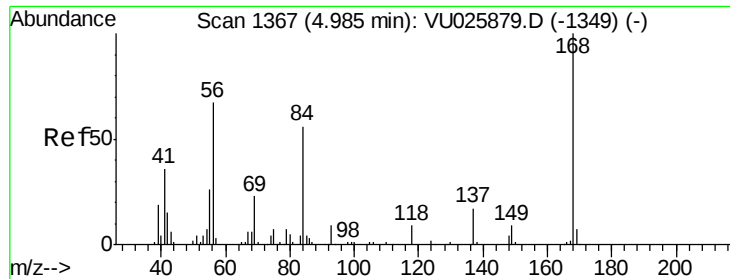
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025898.D

Acq: 06 Aug 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

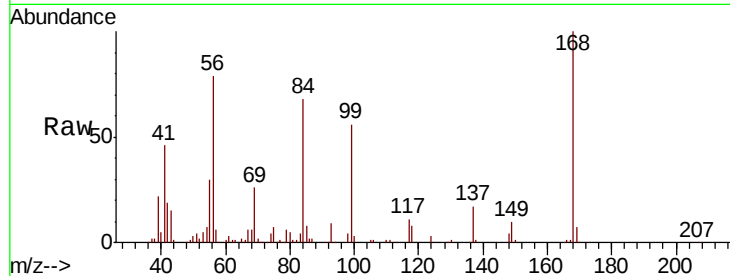
FL-0520

Tot Ion:168 Resp: 182323

Ion Ratio Lower Upper

168 100

99 55.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)

4.99

80000

60000

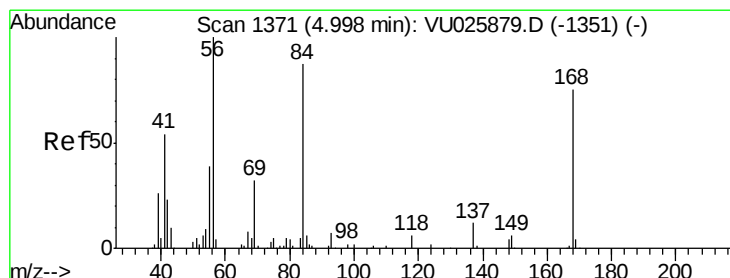
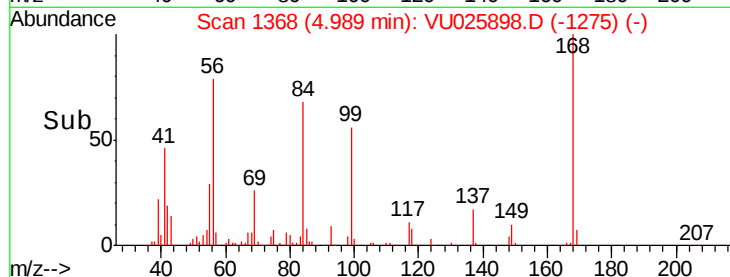
40000

20000

0

Time-->

4.90 5.00 5.10



#31

Cyclohexane

Concen: 62.12 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025898.D

Acq: 06 Aug 2018 20:02

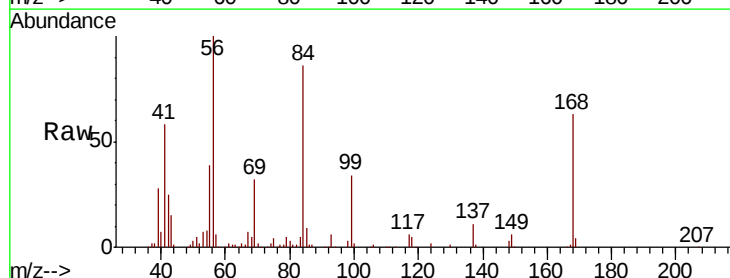
Tgt Ion: 56 Resp: 223691

Ion Ratio Lower Upper

56 100

69 32.2 26.8 40.2

84 86.1 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-1351) (-)

Ion 69.00 (68.70 to 69.70): VU025879.D (-1351) (-)

Ion 84.00 (83.70 to 84.70): VU025879.D (-1351) (-)

5.00

120000

100000

80000

60000

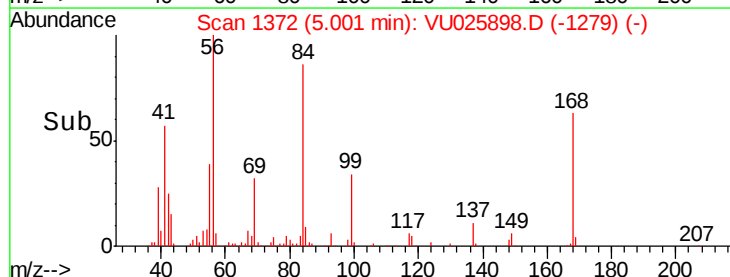
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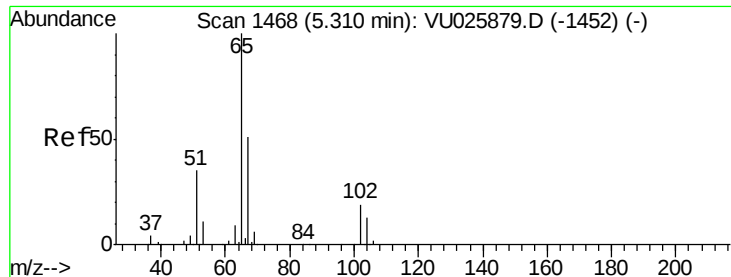
20000

0

Time-->

4.90 4.95 5.00 5.05





#33

1,2-Dichloroethane-d4

Concen: 51.19 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU025898.D

Acq: 06 Aug 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

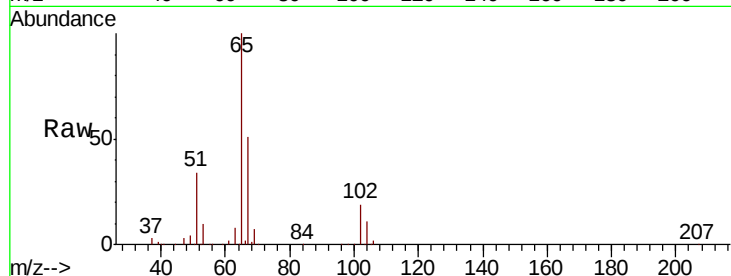
FL-0520

Tot Ion: 65 Resp: 145407

Ion Ratio Lower Upper

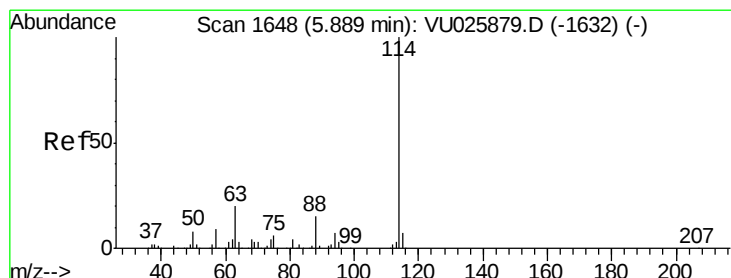
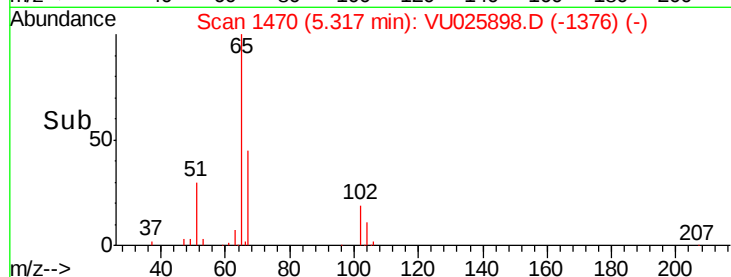
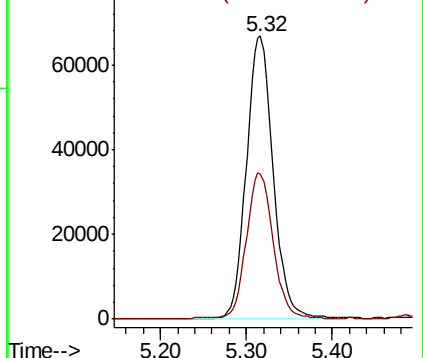
65 100

67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025879.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025879.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: VU025898.D

Acq: 06 Aug 2018 20:02

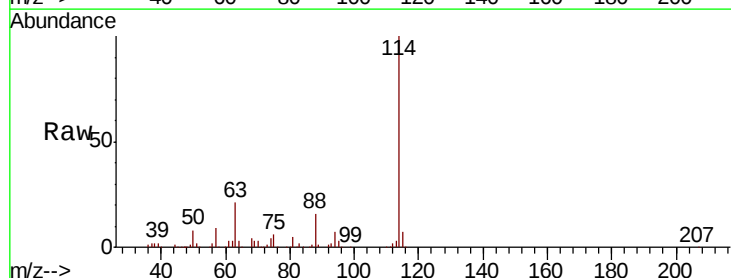
Tgt Ion: 114 Resp: 290359

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

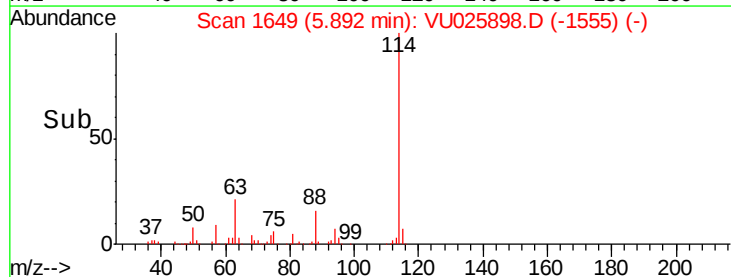
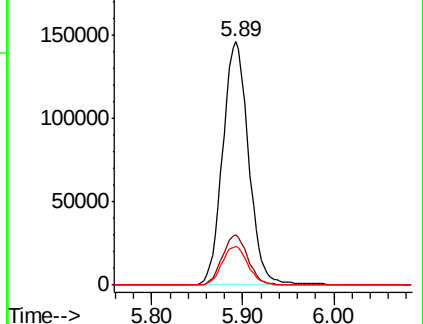
88 15.7 0.0 32.4

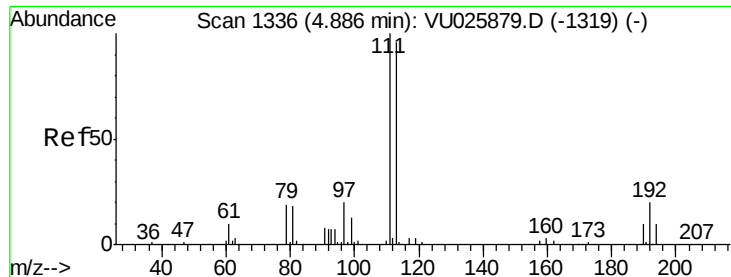


Abundance Ion 113.90 (113.60 to 114.60): VU025879.D (-1632) (-)

Ion 63.00 (62.70 to 63.70): VU025879.D (-1632) (-)

Ion 87.90 (87.60 to 88.60): VU025879.D (-1632) (-)

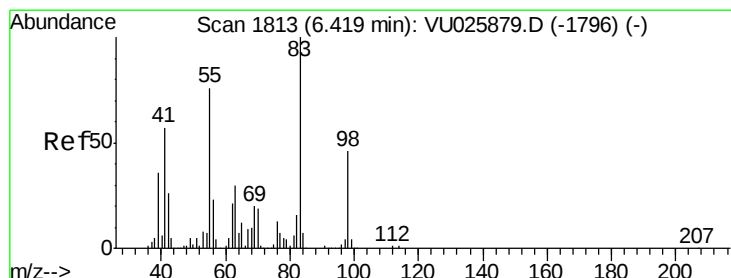
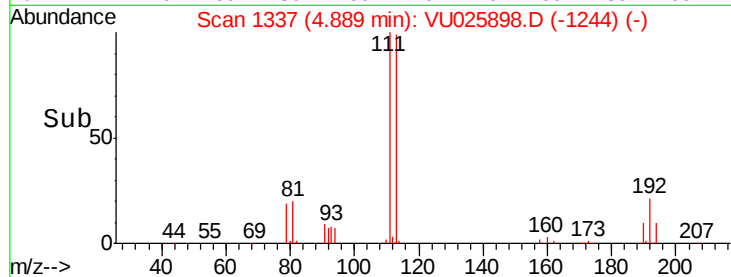
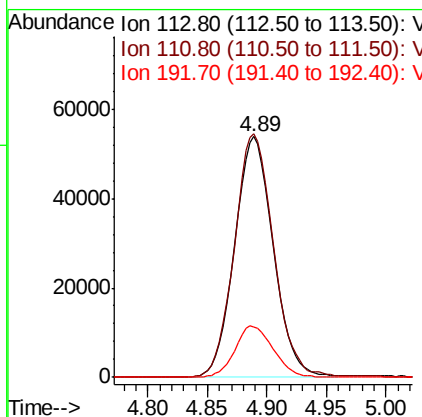
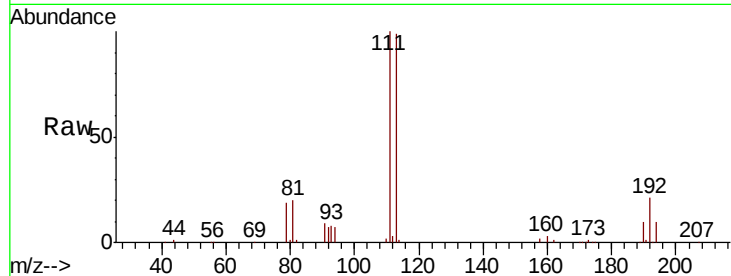




#35
 Dibromofluoromethane
 Concen: 48.08 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025898.D
 Acq: 06 Aug 2018 20:02

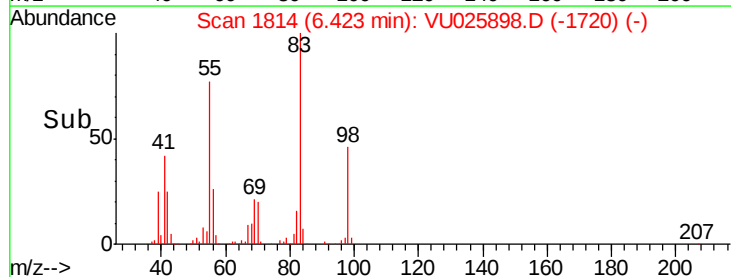
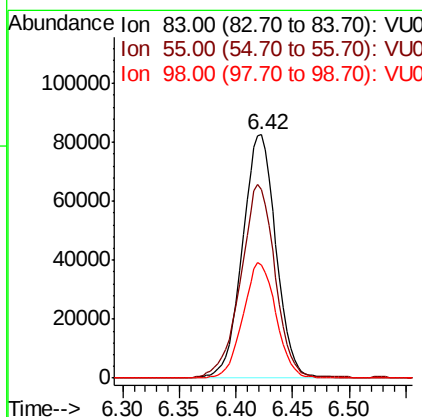
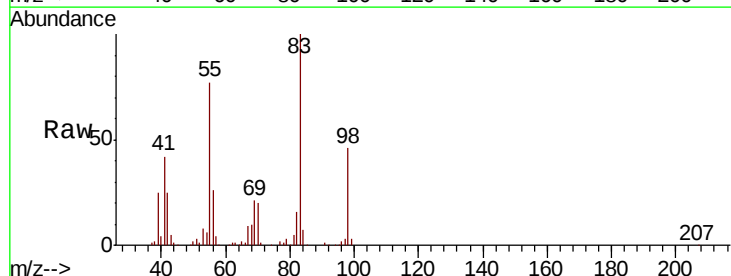
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0520

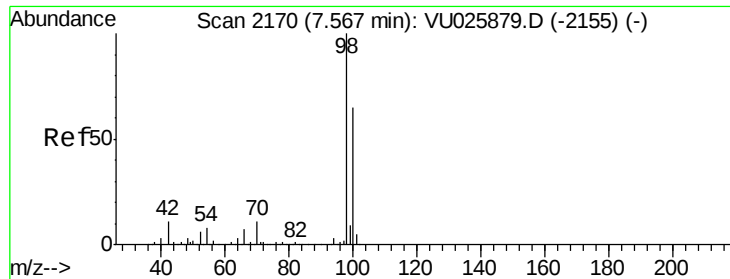
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	21.1	17.1	25.7



#39
 Methylcyclohexane
 Concen: 43.86 ug/l
 RT: 6.42 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: VU025898.D
 Acq: 06 Aug 2018 20:02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.0	90.0
98	46.5	36.1	54.1





#50

Toluene-d8

Concen: 48.68 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025898.D

Acq: 06 Aug 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

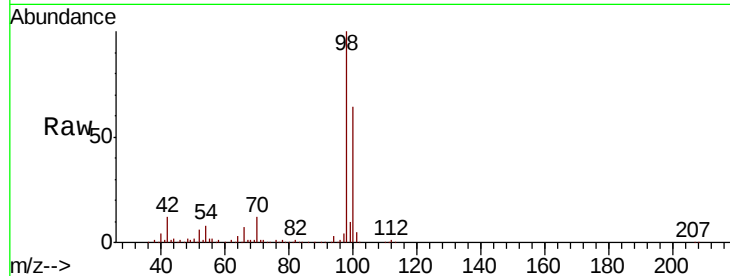
FL-0520

Tot Ion: 98 Resp: 430158

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025879.D (-2155) (-)

Ion 100.00 (99.70 to 100.70): VU025879.D (-2155) (-)

7.57

250000

200000

150000

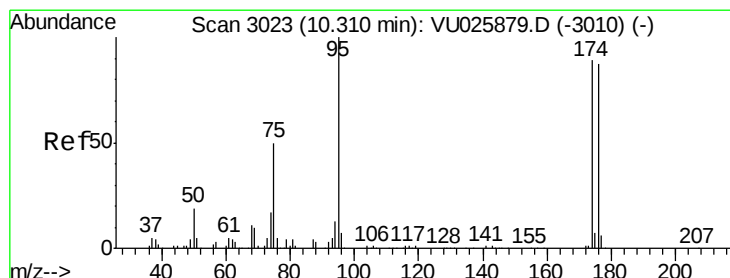
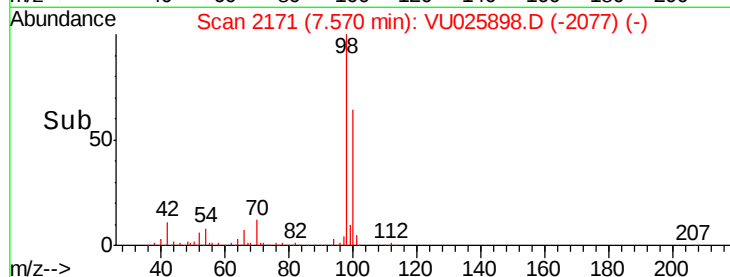
100000

50000

0

7.50 7.55 7.60

Time-->



#62

4-Bromofluorobenzene

Concen: 47.73 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025898.D

Acq: 06 Aug 2018 20:02

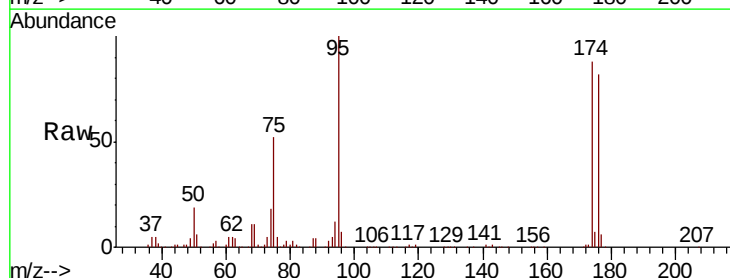
Tgt Ion: 95 Resp: 163705

Ion Ratio Lower Upper

95 100

174 88.6 0.0 172.2

176 84.4 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025879.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025879.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025879.D (-3010) (-)

10.31

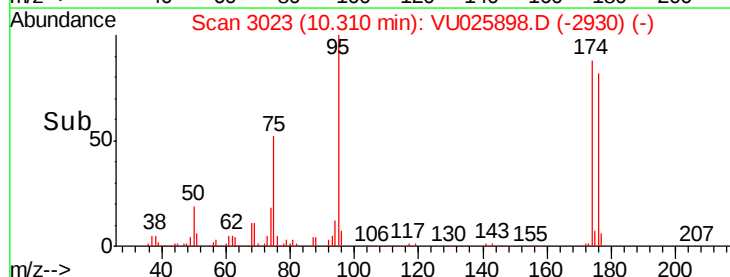
100000

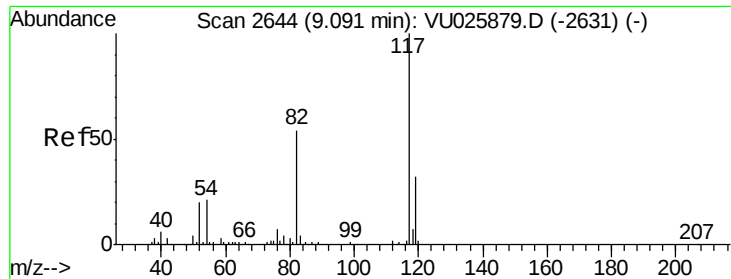
50000

0

10.25 10.30 10.35

Time-->

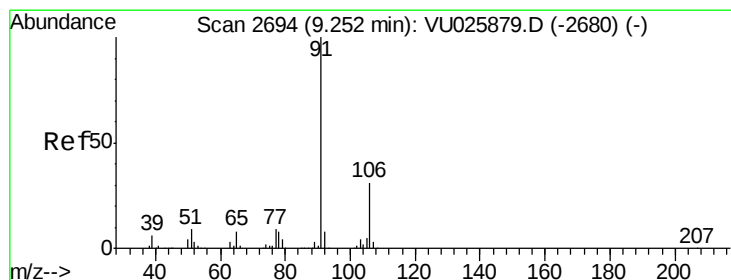
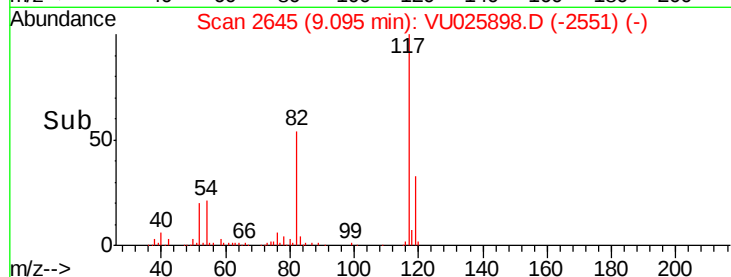
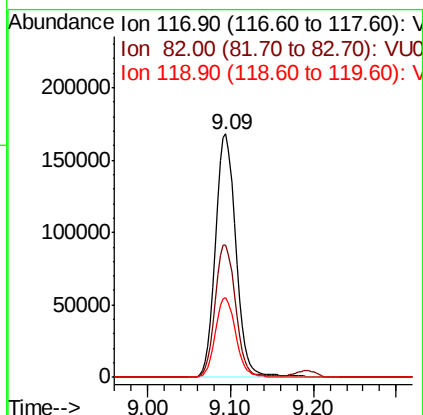
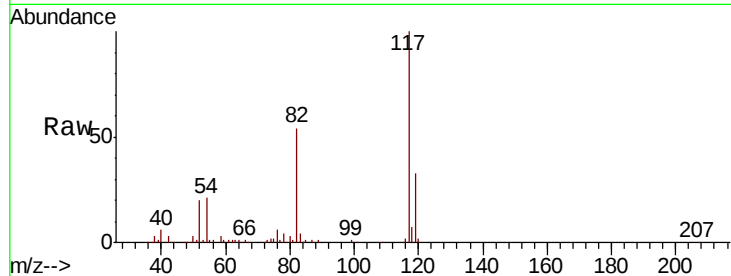




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025898.D
Acq: 06 Aug 2018 20:02

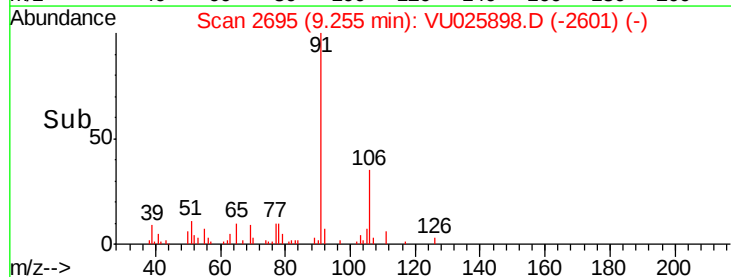
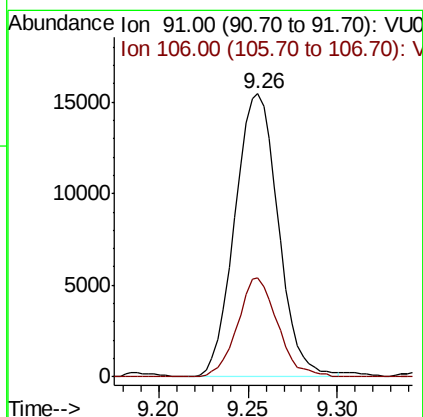
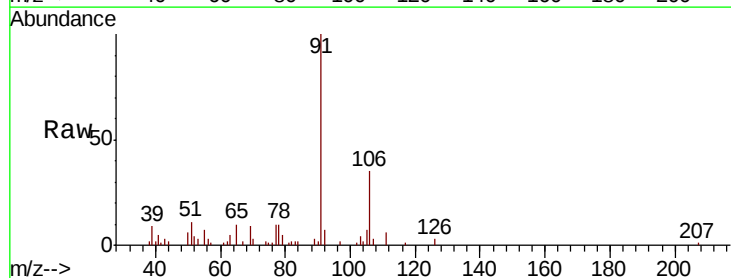
Instrument :
MSVOA_U
ClientSampleId :
FL-0520

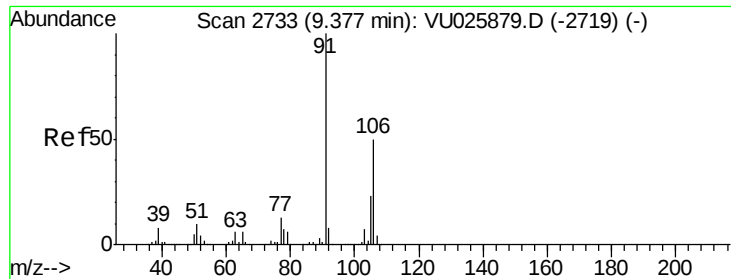
Tot Ion:117 Resp: 288227
Ion Ratio Lower Upper
117 100
82 54.4 46.0 69.0
119 32.7 26.0 39.0



#67
Ethyl Benzene
Concen: 2.14 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025898.D
Acq: 06 Aug 2018 20:02

Tgt Ion: 91 Resp: 26314
Ion Ratio Lower Upper
91 100
106 35.2 25.3 37.9





#68

m/p-Xylenes

Concen: 5.69 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025898.D

Acq: 06 Aug 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

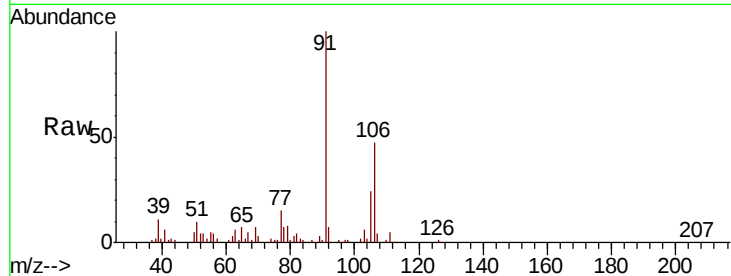
FL-0520

Tot Ion:106 Resp: 26867

Ion Ratio Lower Upper

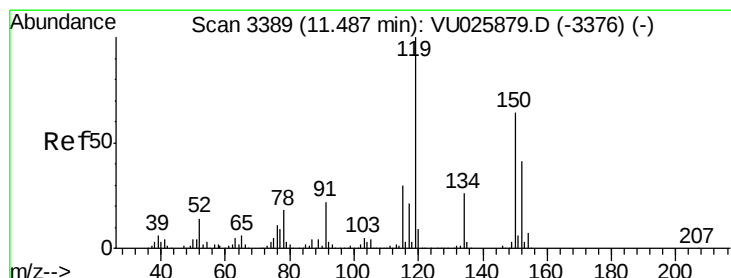
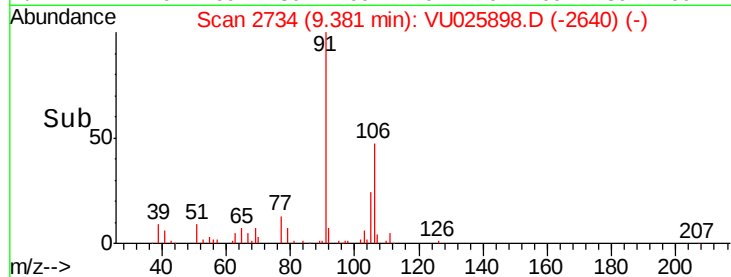
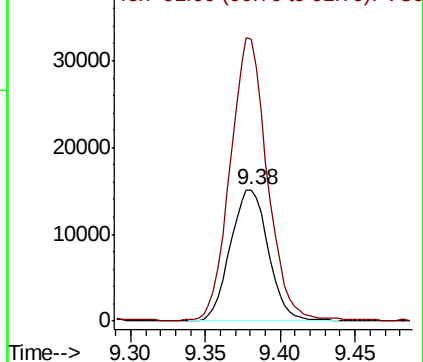
106 100

91 210.6 162.3 243.5



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: VU025898.D

Acq: 06 Aug 2018 20:02

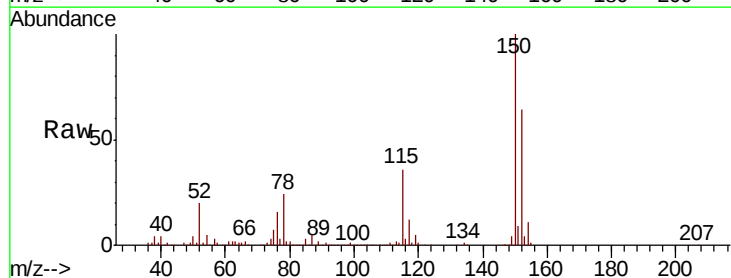
Tgt Ion:152 Resp: 177399

Ion Ratio Lower Upper

152 100

115 55.9 40.1 120.3

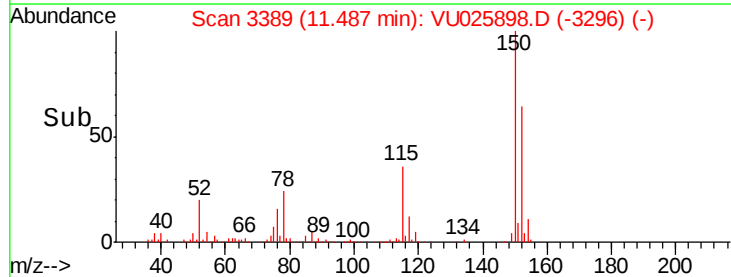
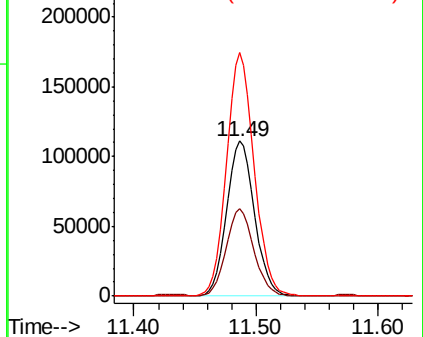
150 155.8 0.0 351.4

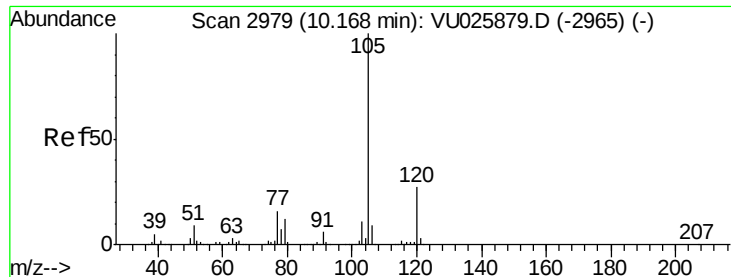


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.80 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025898.D

Acq: 06 Aug 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

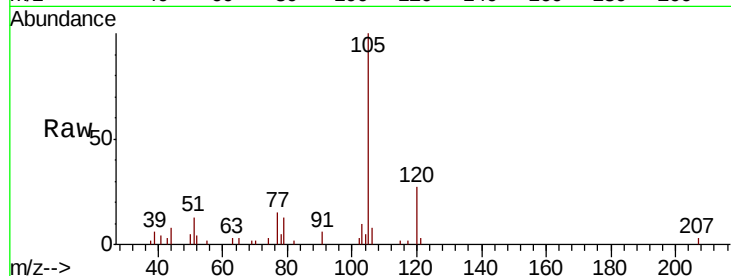
FL-0520

Tot Ion:105 Resp: 9639

Ion Ratio Lower Upper

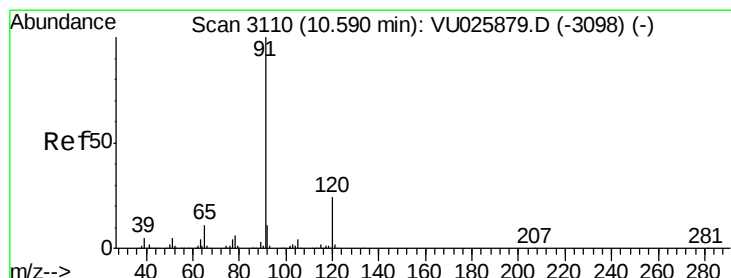
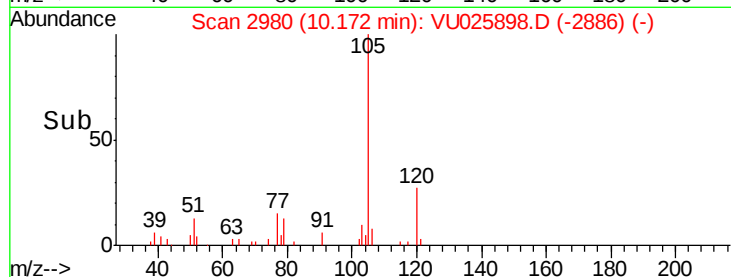
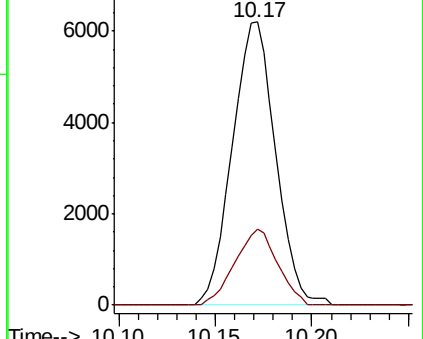
105 100

120 26.4 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: 1.44 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025898.D

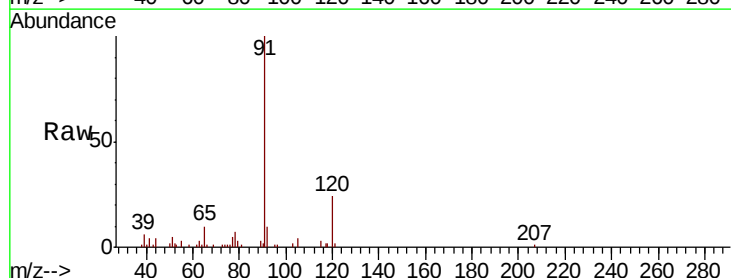
Acq: 06 Aug 2018 20:02

Tgt Ion: 91 Resp: 20409

Ion Ratio Lower Upper

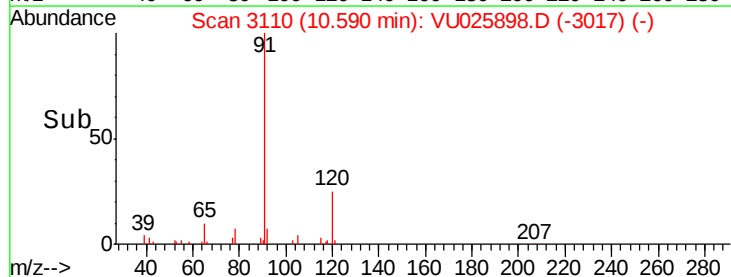
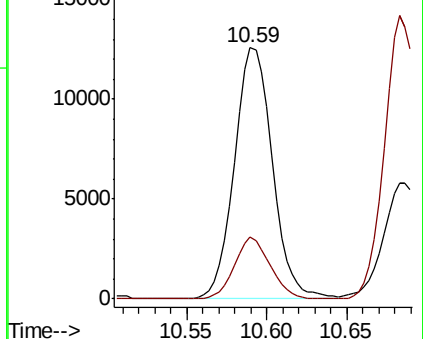
91 100

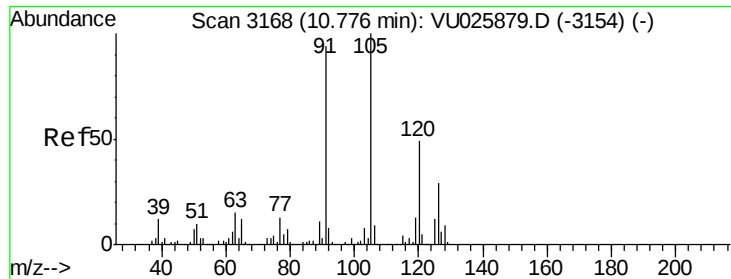
120 22.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

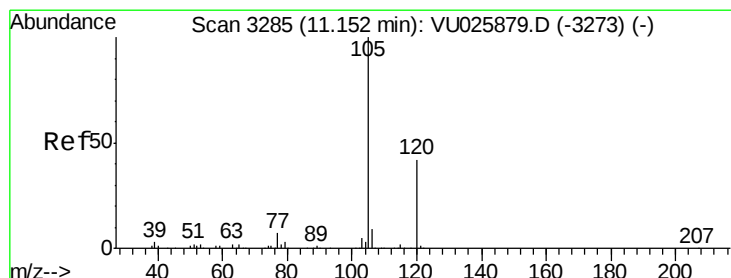
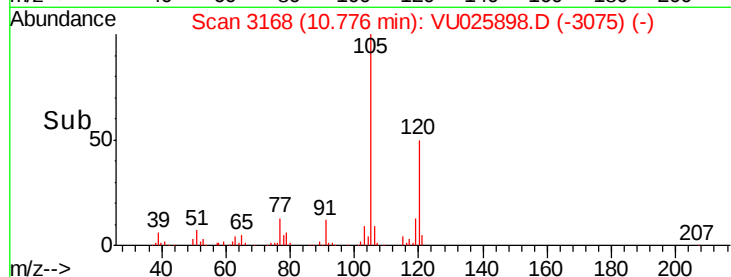
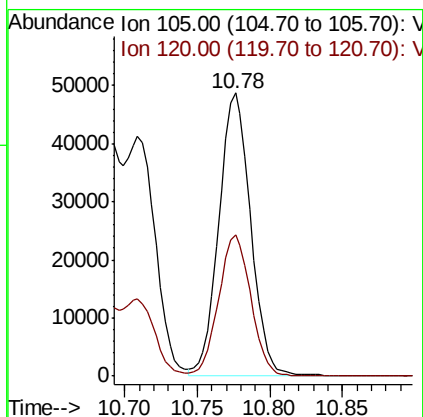
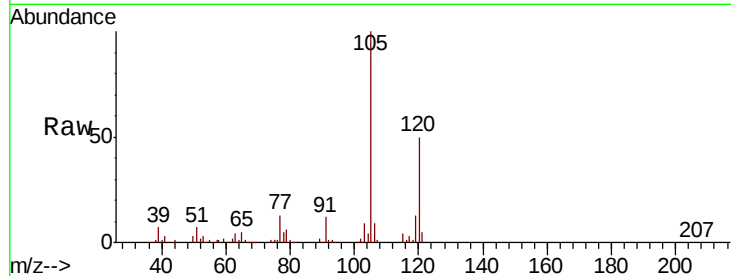




#80
 1,3,5-Trimethylbenzene
 Concen: 7.20 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025898.D
 Acq: 06 Aug 2018 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0520

Tot Ion:105 Resp: 74037
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 11.41 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025898.D
 Acq: 06 Aug 2018 20:02

Tgt Ion:105 Resp: 118907
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8

