

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025902.D
 Acq On : 06 Aug 2018 21:36
 Operator : MD/SY
 Sample : J4263-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519

Quant Time: Aug 07 04:14:32 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	187232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304391	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	303019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	189789	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	149395	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
35) Dibromofluoromethane	4.89	113	126167	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	7.57	98	444702	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	10.31	95	177037	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	

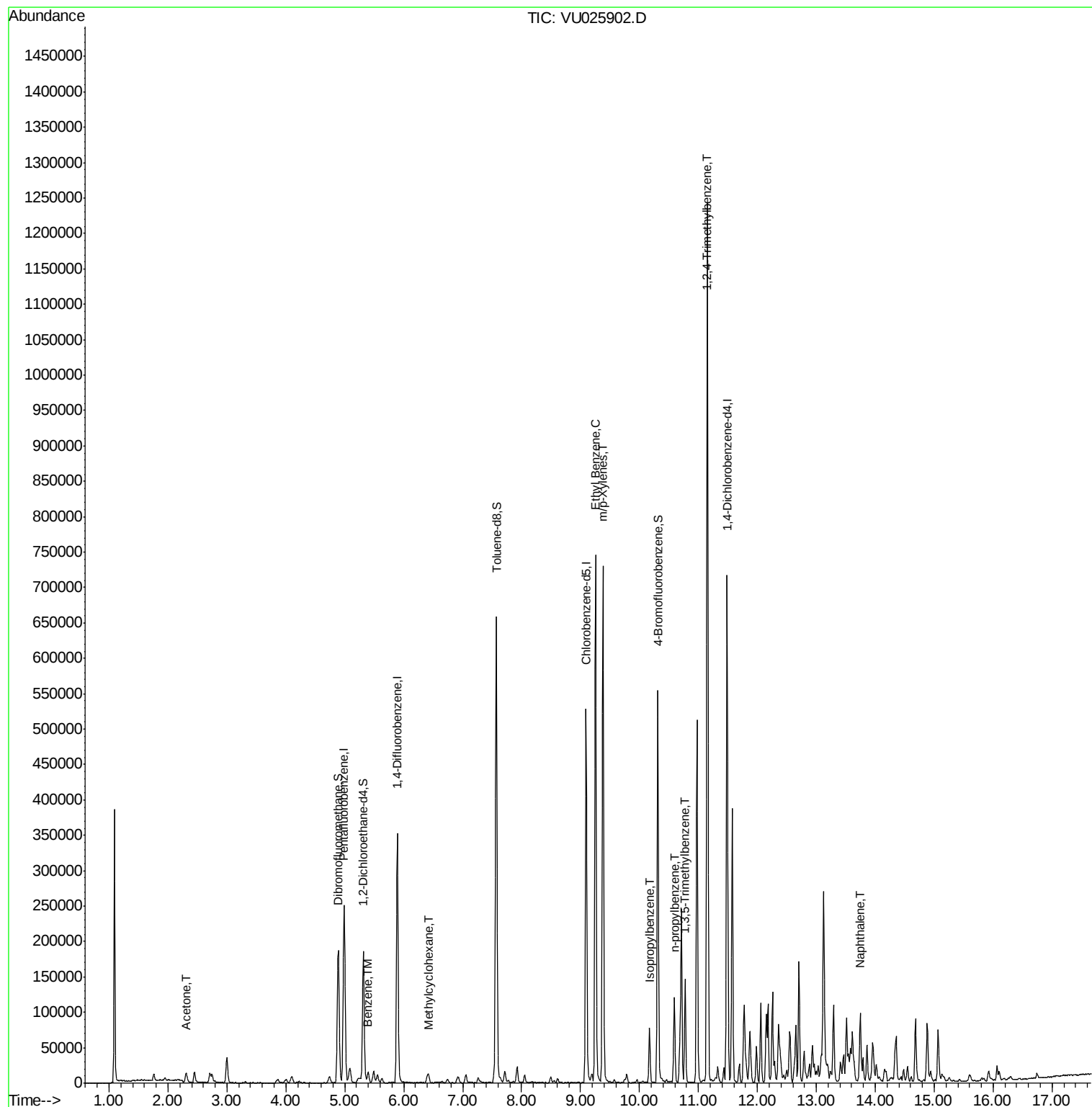
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	11256	7.91	ug/l	96
39) Methylcyclohexane	6.42	83	5793	1.42	ug/l	91
40) Benzene	5.40	78	14249	1.37	ug/l	93
67) Ethyl Benzene	9.25	91	522361	40.36	ug/l	100
68) m/p-Xylenes	9.38	106	206789	41.62	ug/l	97
73) Isopropylbenzene	10.17	105	49134	3.79	ug/l	100
78) n-propylbenzene	10.59	91	91132	6.03	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	79446	7.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	678491	60.86	ug/l	99
95) Naphthalene	13.75	128	77688	6.63	ug/l	98

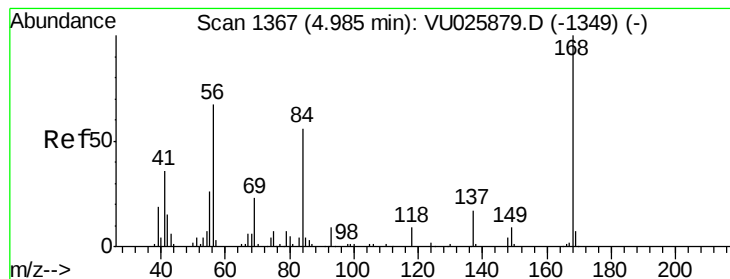
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025902.D

Acq: 06 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

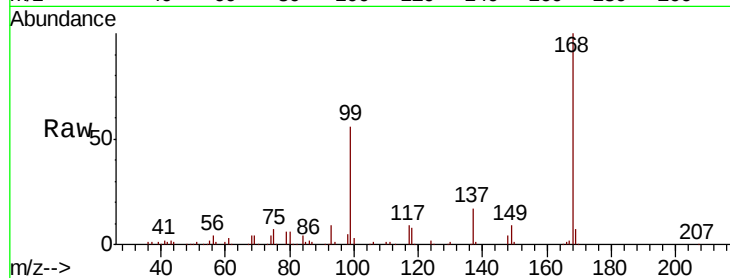
FL-0519

Tot Ion:168 Resp: 187232

Ion Ratio Lower Upper

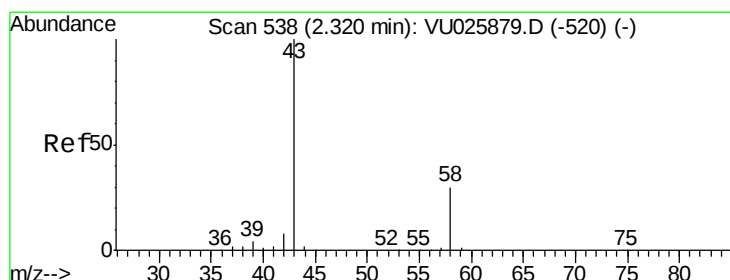
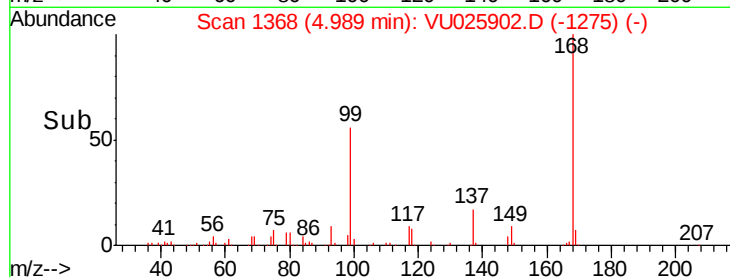
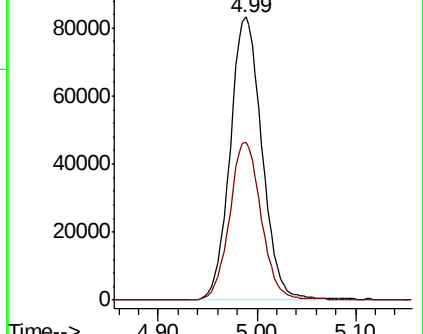
168 100

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) (-)



#16

Acetone

Concen: 7.91 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025902.D

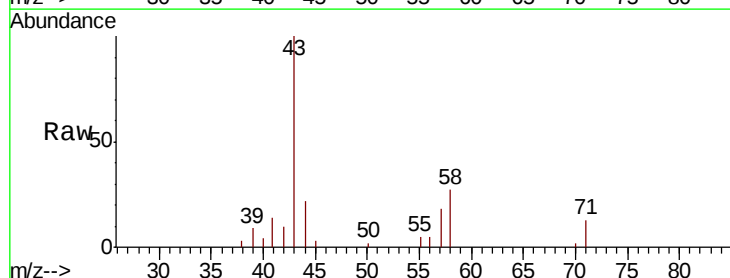
Acq: 06 Aug 2018 21:36

Tgt Ion: 43 Resp: 11256

Ion Ratio Lower Upper

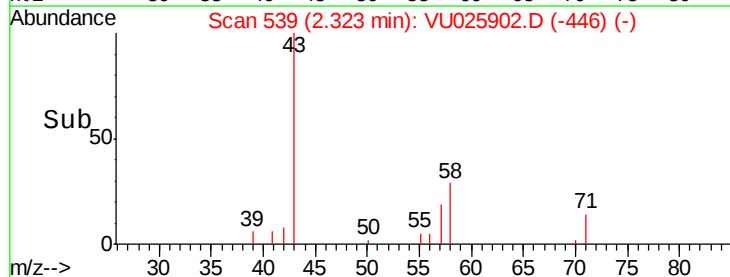
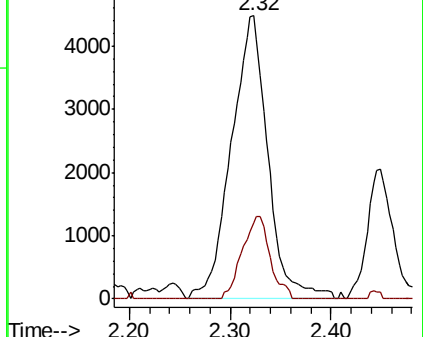
43 100

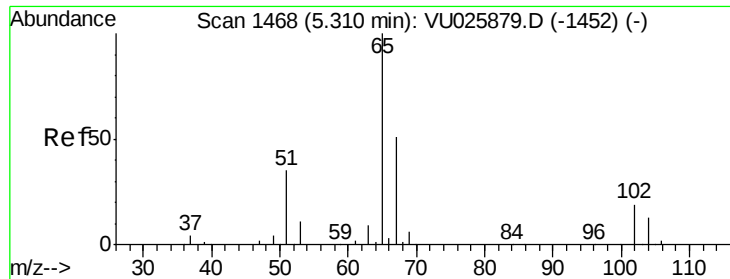
58 27.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025879.D (-520) (-)

Ion 58.00 (57.70 to 58.70): VU025879.D (-520) (-)

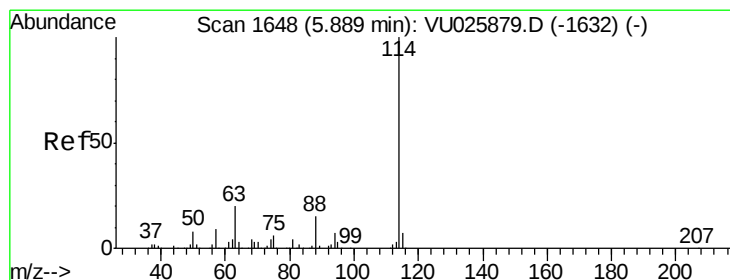
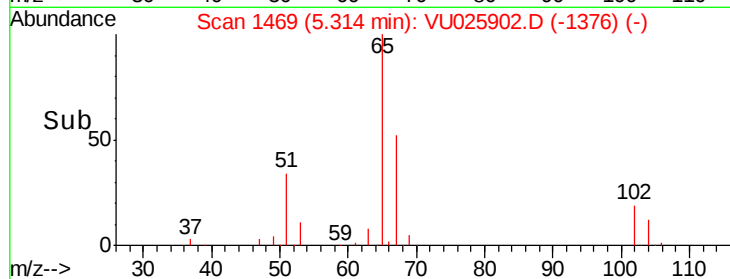
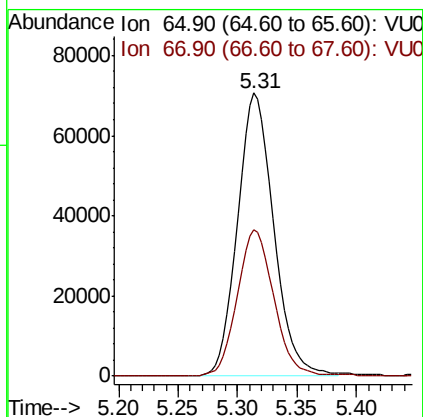
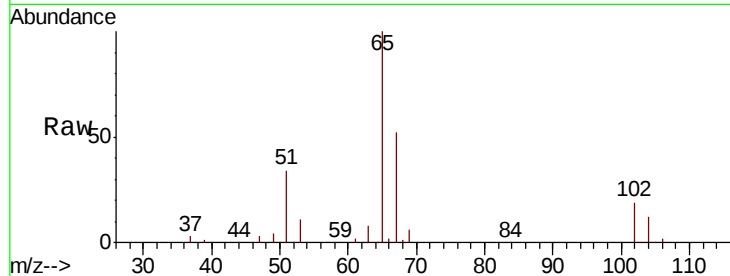




#33
 1,2-Dichloroethane-d4
 Concen: 51.21 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025902.D
 Acq: 06 Aug 2018 21:36

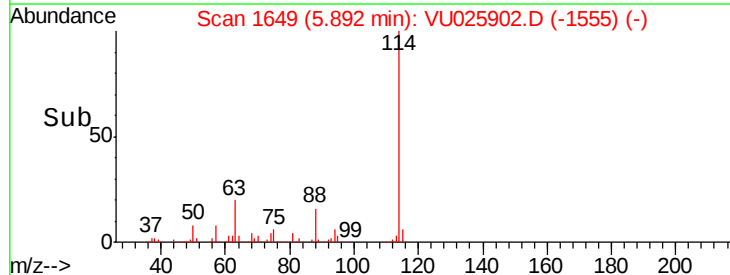
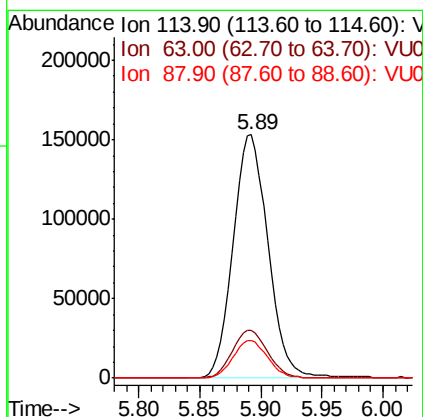
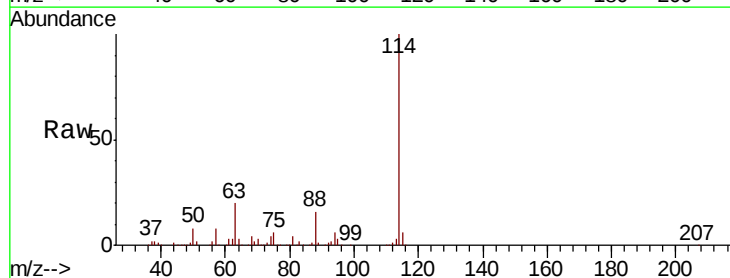
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519

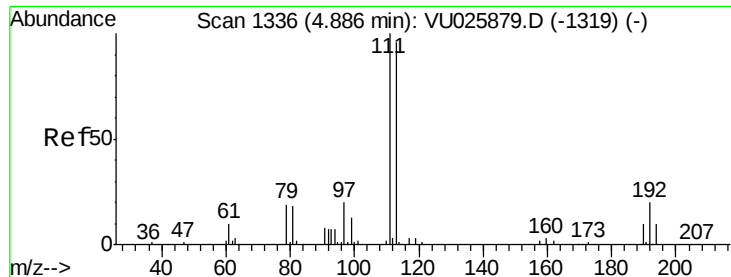
Tot Ion: 65 Resp: 149395
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025902.D
 Acq: 06 Aug 2018 21:36

Tgt Ion: 114 Resp: 304391
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 15.6 0.0 32.4

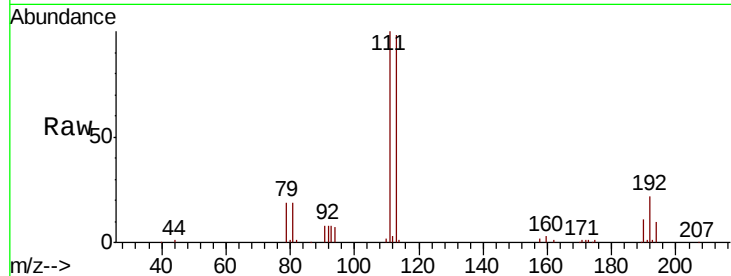




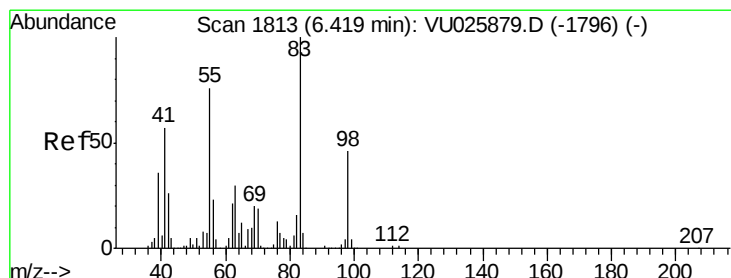
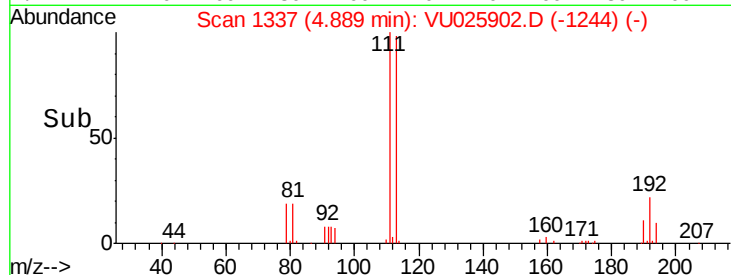
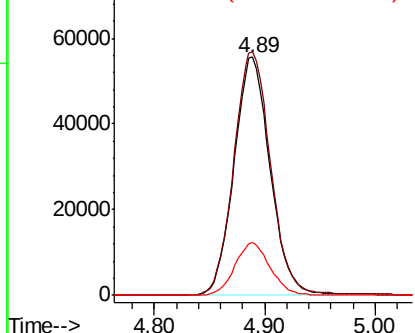
#35
 Dibromofluoromethane
 Concen: 47.66 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025902.D
 Acq: 06 Aug 2018 21:36

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.7	122.5
192	21.7	17.1	25.7

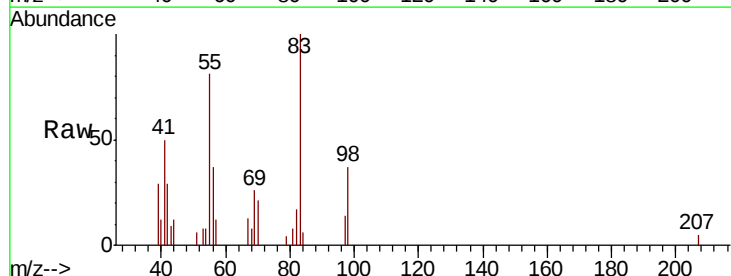


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

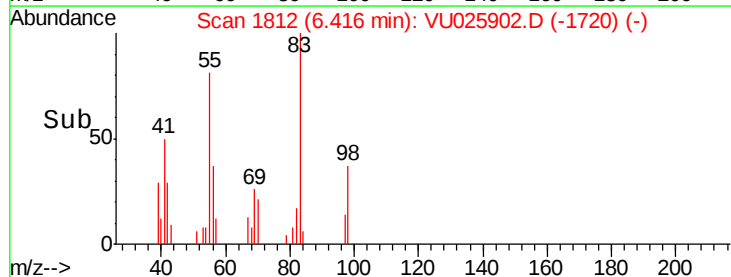
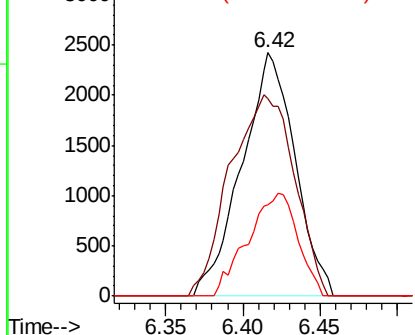


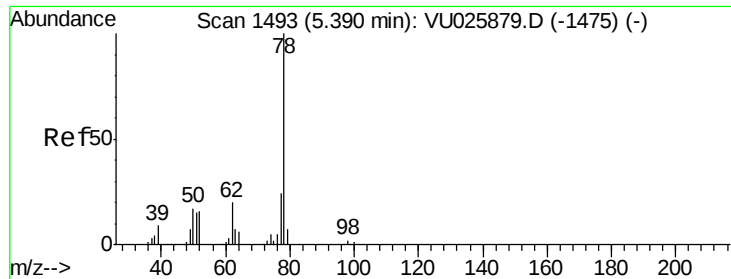
#39
 Methylcyclohexane
 Concen: 1.42 ug/l
 RT: 6.42 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VU025902.D
 Acq: 06 Aug 2018 21:36

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.0	60.0	90.0
98	37.3	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





#40

Benzene

Concen: 1.37 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU025902.D

Acq: 06 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

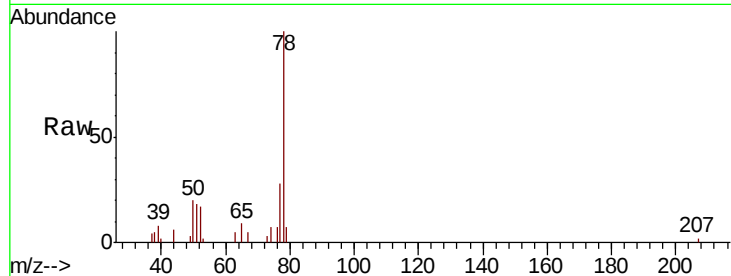
FL-0519

Tot Ion: 78 Resp: 14249

Ion Ratio Lower Upper

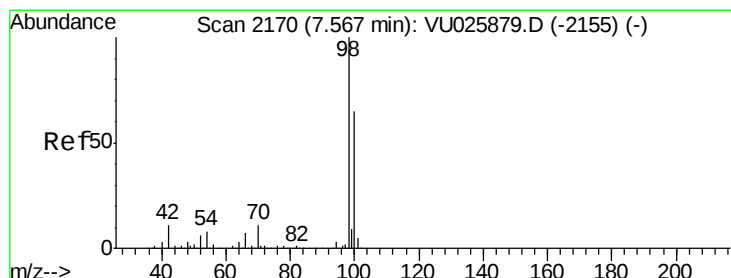
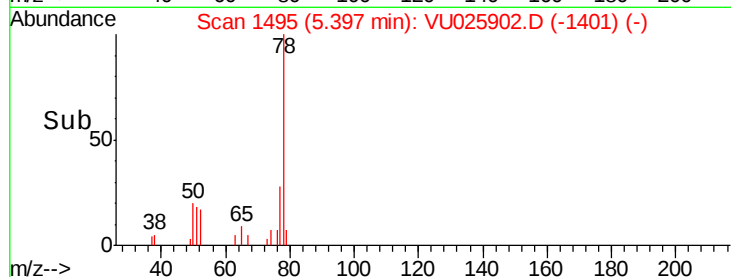
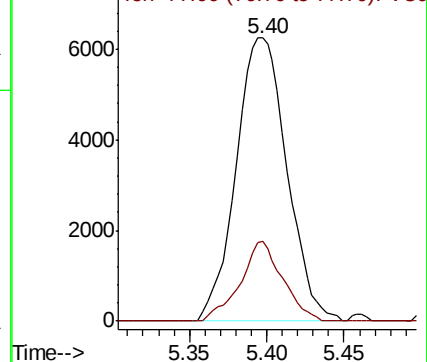
78 100

77 28.1 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 48.00 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025902.D

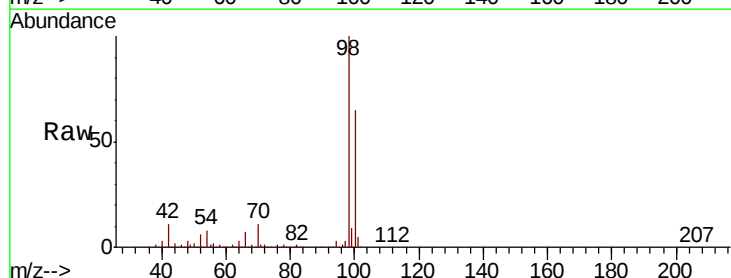
Acq: 06 Aug 2018 21:36

Tgt Ion: 98 Resp: 444702

Ion Ratio Lower Upper

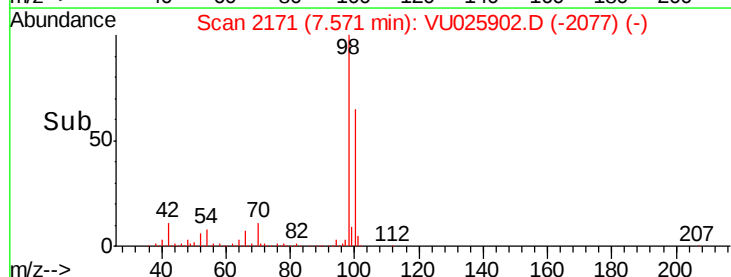
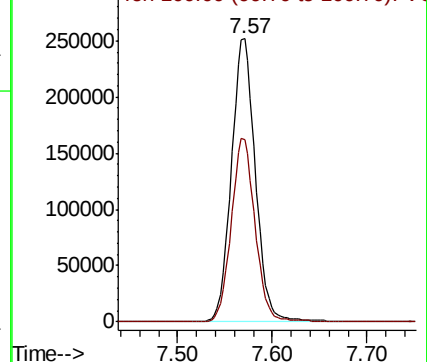
98 100

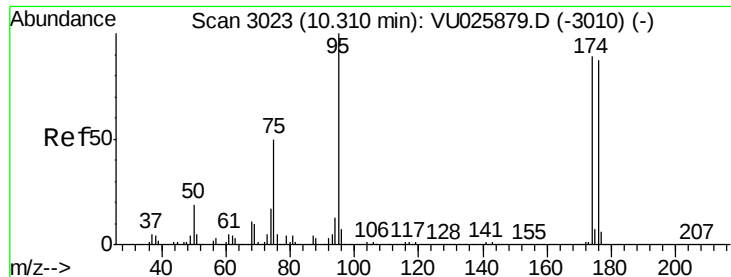
100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

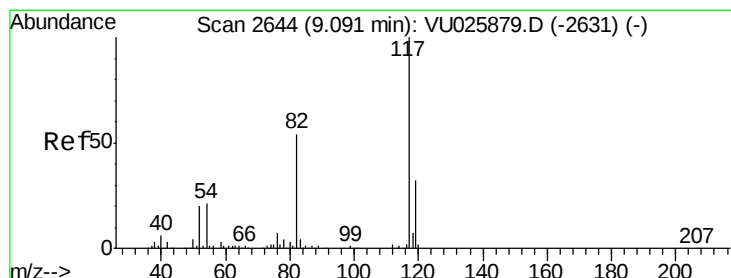
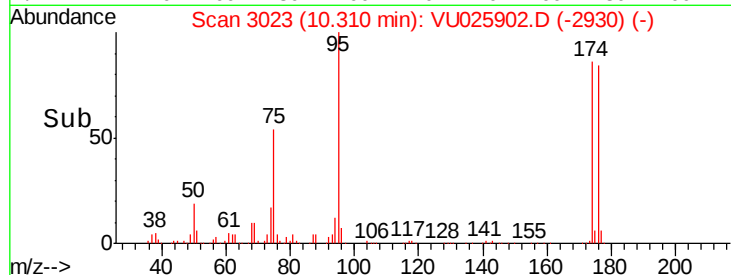
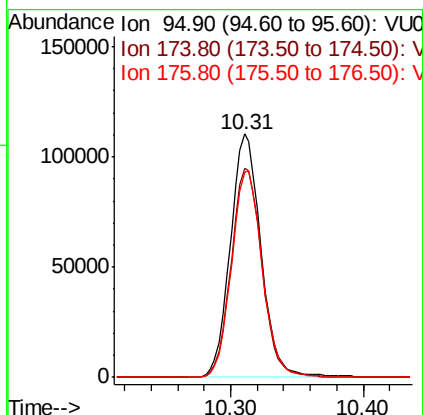
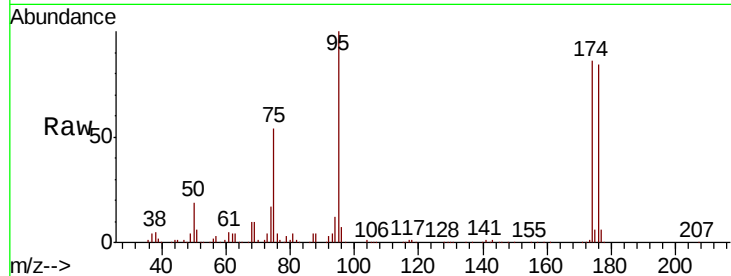




#62
4-Bromofluorobenzene
Concen: 49.23 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025902.D
Acq: 06 Aug 2018 21:36

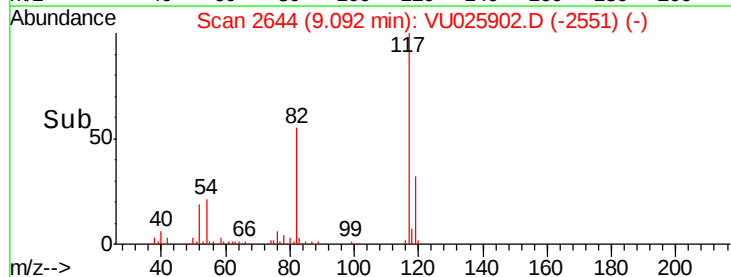
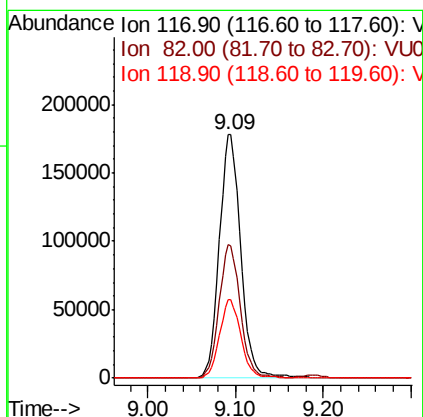
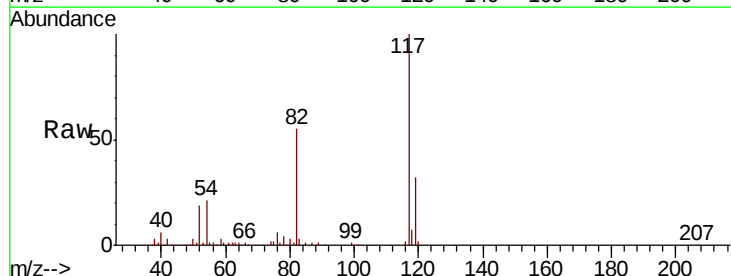
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ClientSampleId :
FL-0519

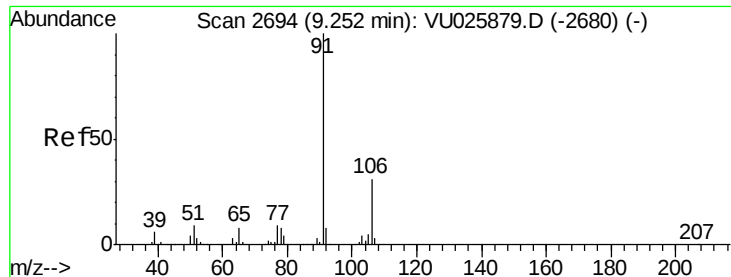
Tot Ion: 95 Resp: 177037
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.2
176 85.0 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025902.D
Acq: 06 Aug 2018 21:36

Tgt Ion: 117 Resp: 303019
Ion Ratio Lower Upper
117 100
82 54.7 46.0 69.0
119 32.2 26.0 39.0

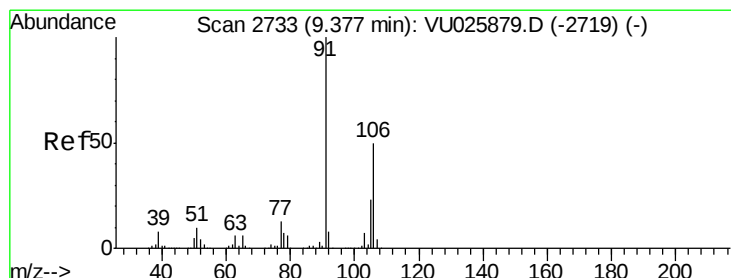
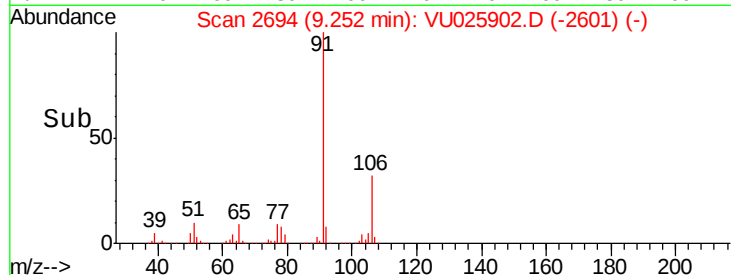
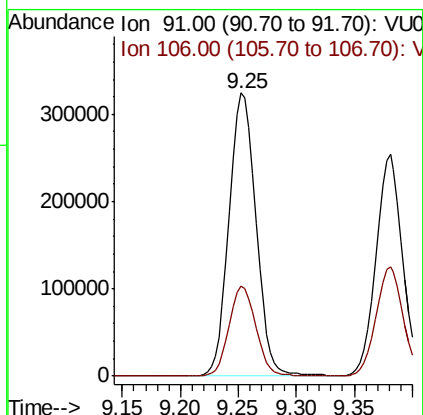
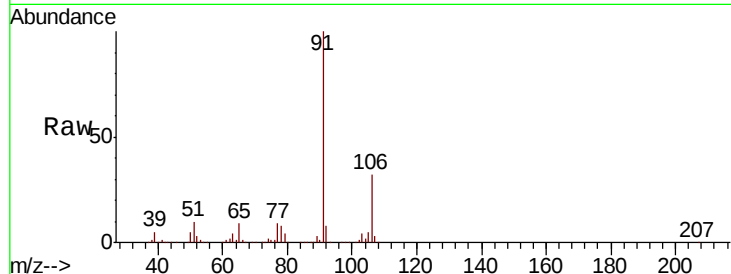




#67
Ethyl Benzene
Concen: 40.36 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025902.D
Acq: 06 Aug 2018 21:36

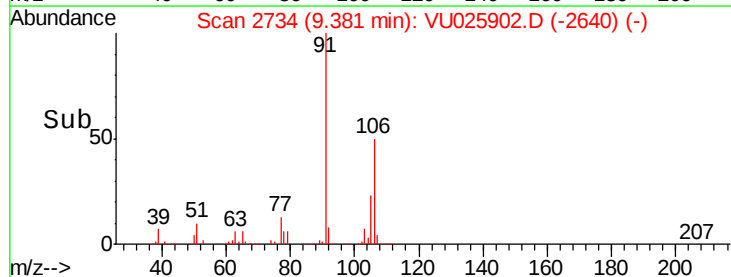
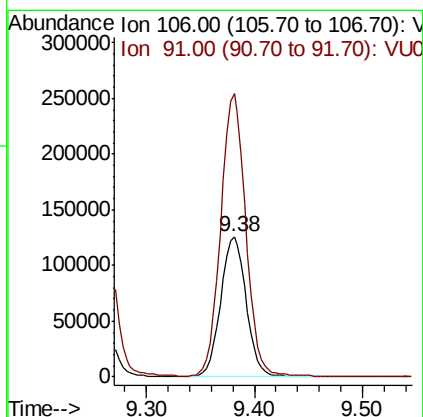
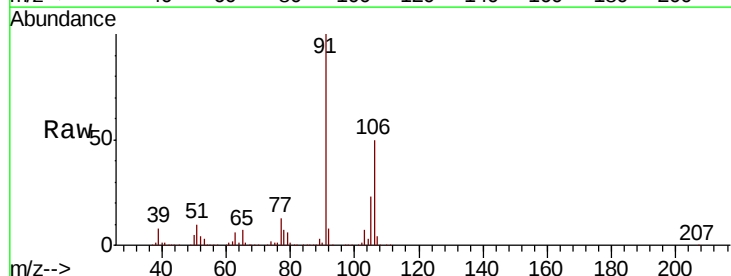
Instrument :
MSVOA_U
ClientSampleID :
FL-0519

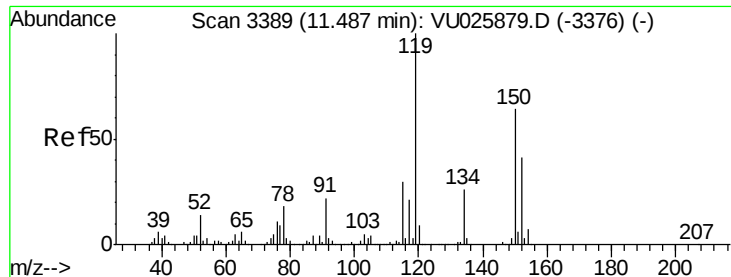
Tot Ion: 91 Resp: 522361
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 41.62 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025902.D
Acq: 06 Aug 2018 21:36

Tgt Ion: 106 Resp: 206789
Ion Ratio Lower Upper
106 100
91 198.7 162.3 243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025902.D

Acq: 06 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

FL-0519

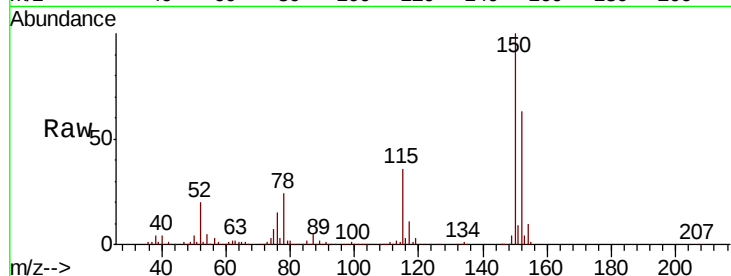
Tot Ion:152 Resp: 189789

Ion Ratio Lower Upper

152 100

115 55.9 40.1 120.3

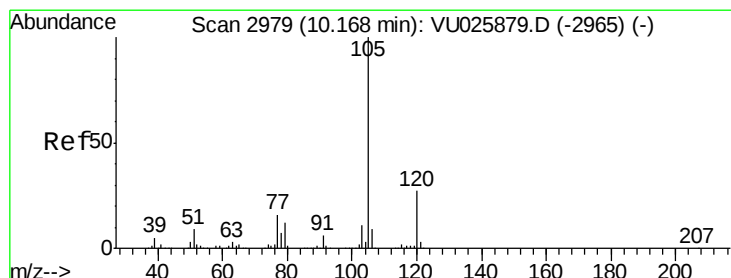
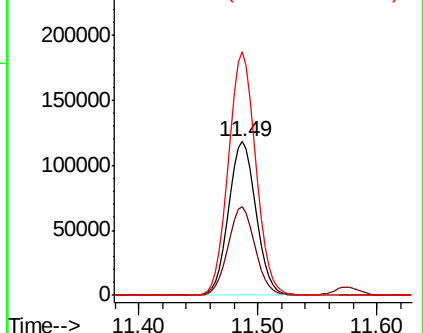
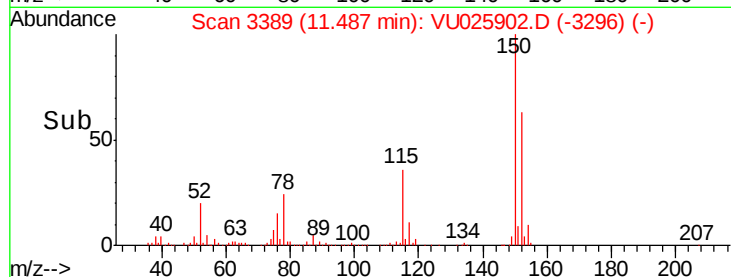
150 157.2 0.0 351.4



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: 3.79 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025902.D

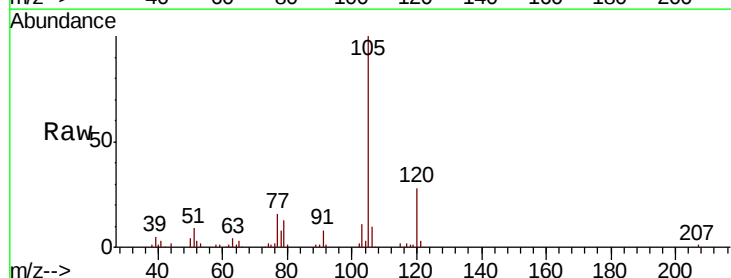
Acq: 06 Aug 2018 21:36

Tgt Ion:105 Resp: 49134

Ion Ratio Lower Upper

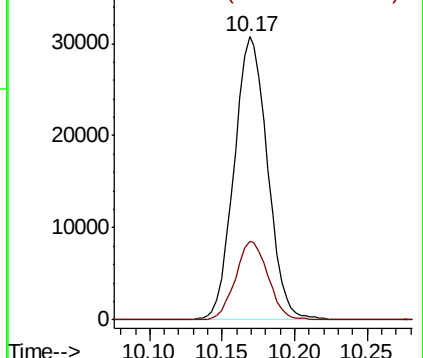
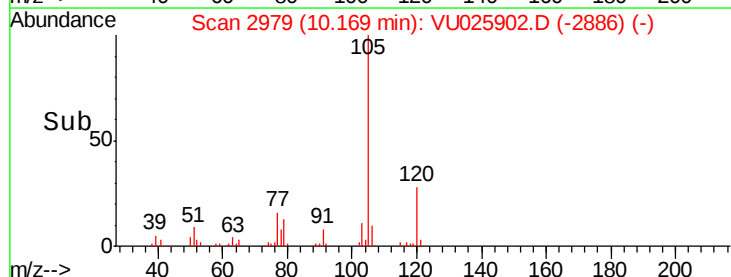
105 100

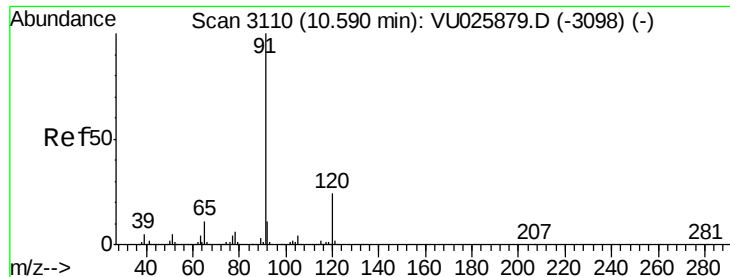
120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 6.03 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025902.D

Acq: 06 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampleId :

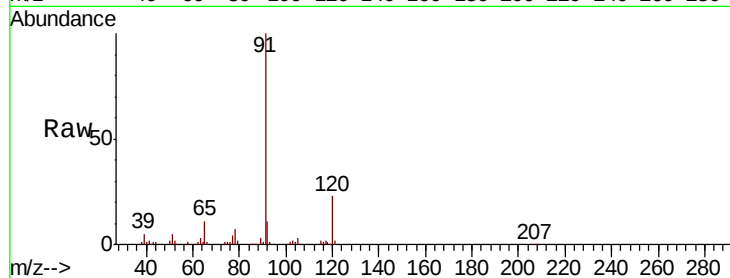
FL-0519

Tot Ion: 91 Resp: 91132

Ion Ratio Lower Upper

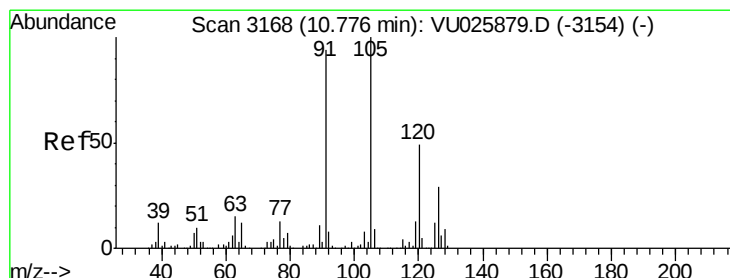
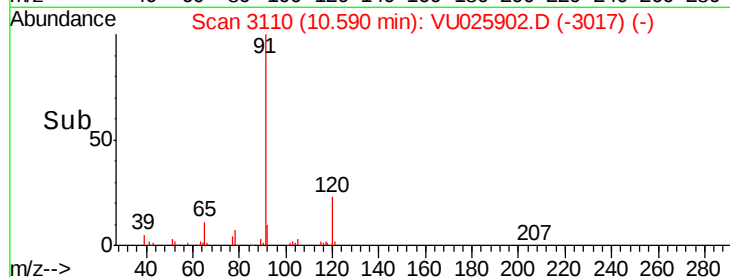
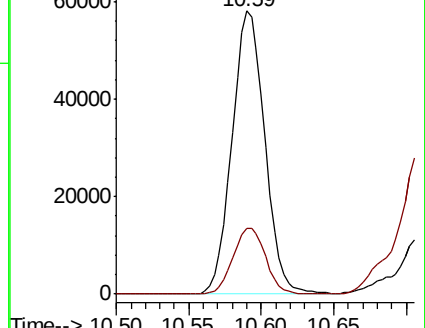
91 100

120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU025879.D (-3098) (-)

Ion 120.00 (119.70 to 120.70): VU025879.D (-3098) (-)



#80

1,3,5-Trimethylbenzene

Concen: 7.22 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025902.D

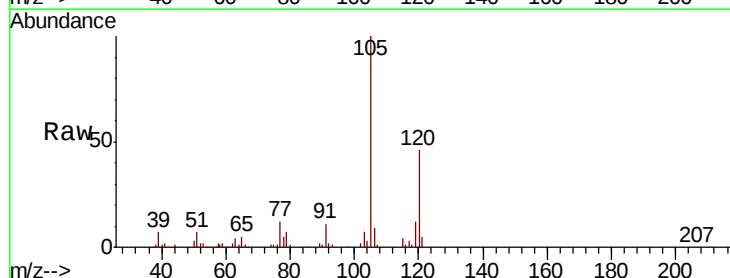
Acq: 06 Aug 2018 21:36

Tgt Ion:105 Resp: 79446

Ion Ratio Lower Upper

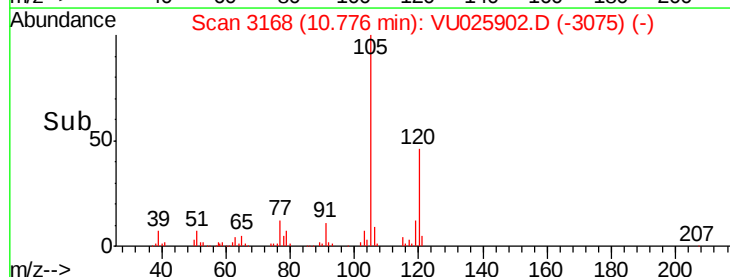
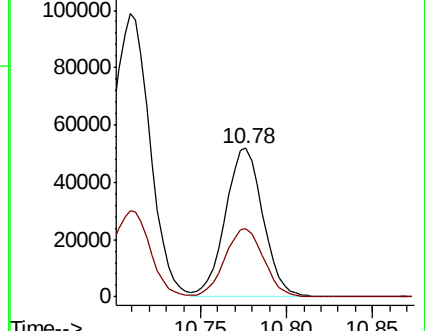
105 100

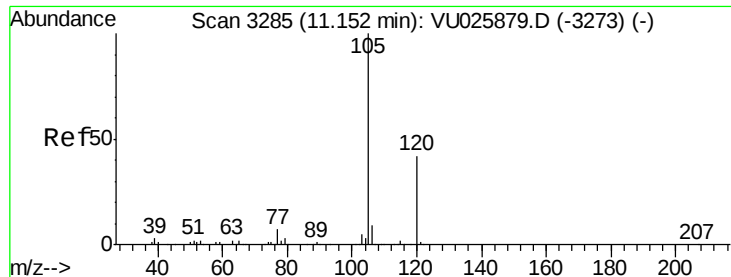
120 47.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025879.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU025879.D (-3154) (-)





#84

1,2,4-Trimethylbenzene

Concen: 60.86 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025902.D

Acq: 06 Aug 2018 21:36

Instrument :

MSVOA_U

ClientSampled :

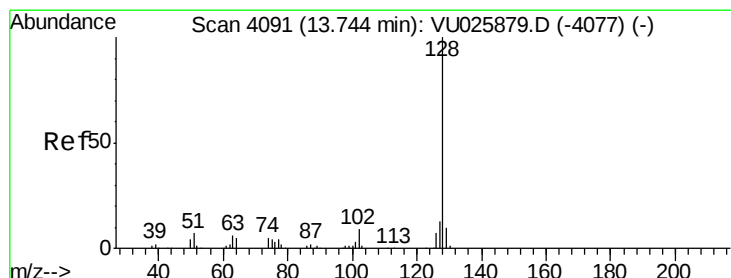
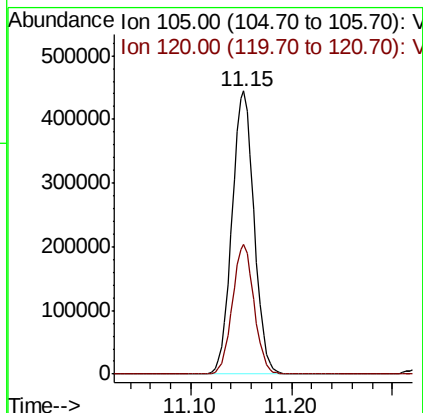
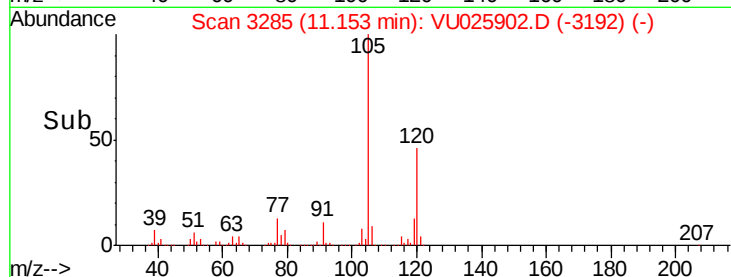
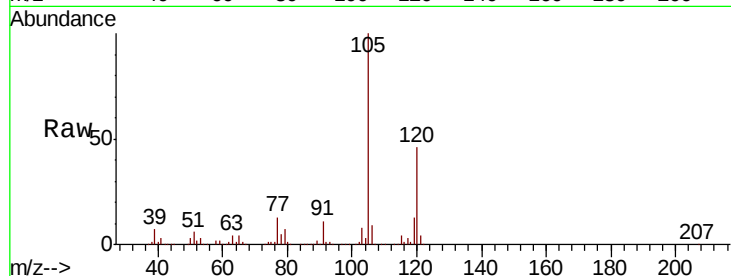
FL-0519

Tot Ion:105 Resp: 678491

Ion Ratio Lower Upper

105 100

120 45.0 22.3 66.8



#95

Naphthalene

Concen: 6.63 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025902.D

Acq: 06 Aug 2018 21:36

Tgt Ion:128 Resp: 77688

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 11.0 8.3 12.5

