

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025919.D
 Acq On : 07 Aug 2018 05:01
 Operator : MD/SY
 Sample : J4344-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

Quant Time: Aug 07 06:54:21 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	204543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	329672	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	330752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	211384	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	157793	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
35) Dibromofluoromethane	4.89	113	133041	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
50) Toluene-d8	7.57	98	495123	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	10.31	95	193052	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

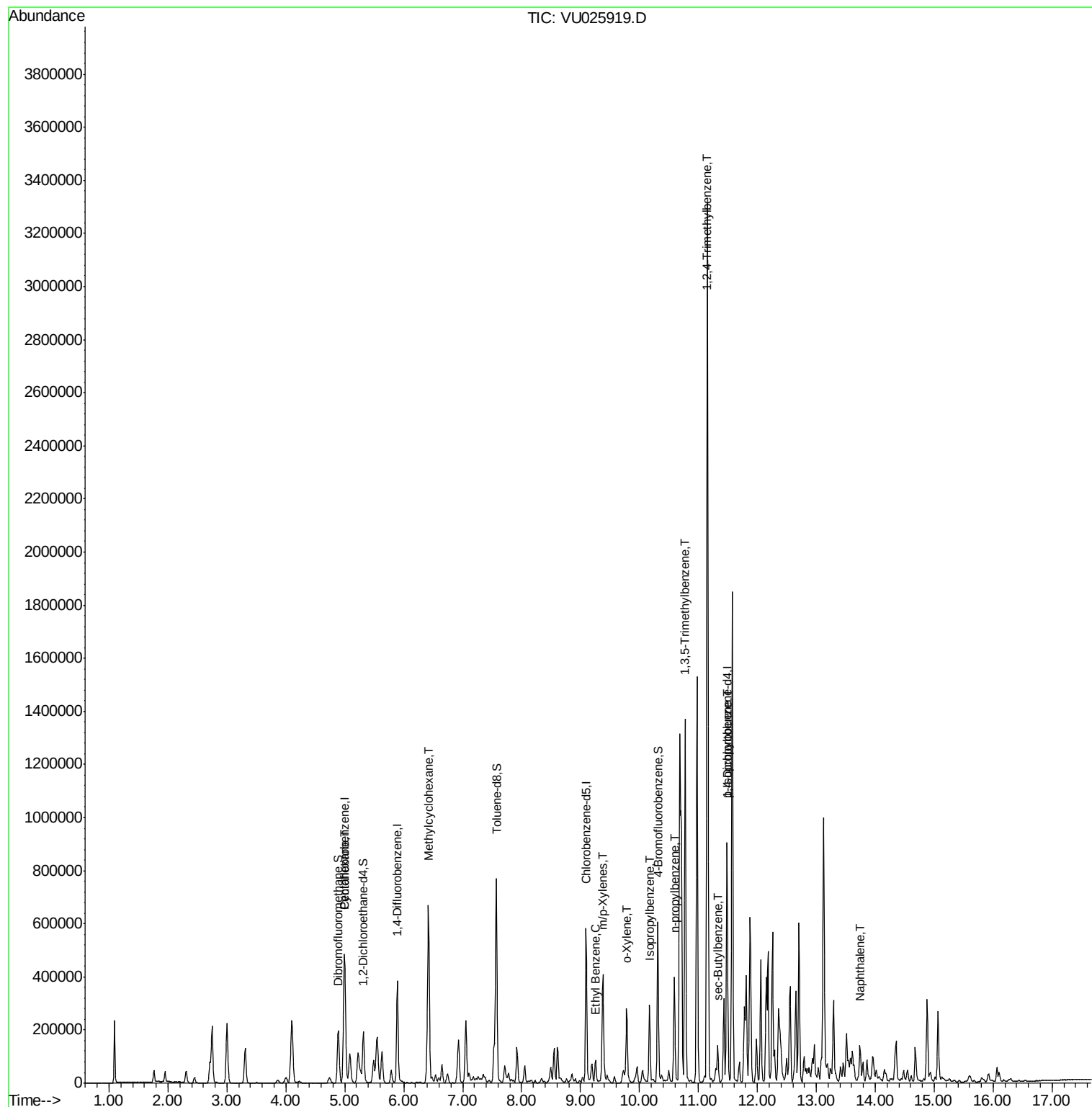
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	124187	30.04	ug/l	98
39) Methylcyclohexane	6.42	83	288243	65.30	ug/l	97
67) Ethyl Benzene	9.26	91	47594	3.37	ug/l	98
68) m/p-Xylenes	9.38	106	108472	20.00	ug/l	97
69) o-Xylene	9.78	106	74044	13.97	ug/l	99
73) Isopropylbenzene	10.17	105	189322	13.12	ug/l	100
78) n-propylbenzene	10.59	91	300371	17.84	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	734940	59.98	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	1794960	144.56	ug/l	98
85) sec-Butylbenzene	11.33	105	87427	5.88	ug/l	100
86) p-Isopropyltoluene	11.48	119	88428	6.64	ug/l	99
95) Naphthalene	13.74	128	86968	6.65	ug/l #	96

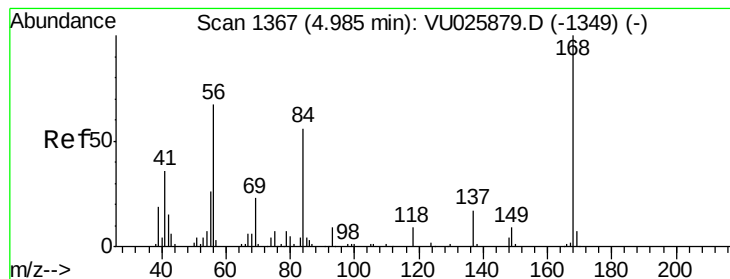
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025919.D
Acq On : 07 Aug 2018 05:01
Operator : MD/SY
Sample : J4344-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0535

Quant Time: Aug 07 06:54:21 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: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

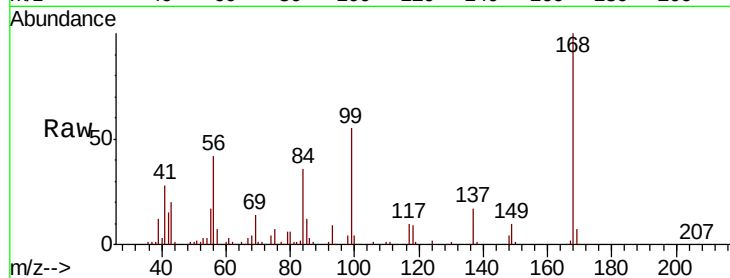
FL-0535

Tot Ion:168 Resp: 204543

Ion Ratio Lower Upper

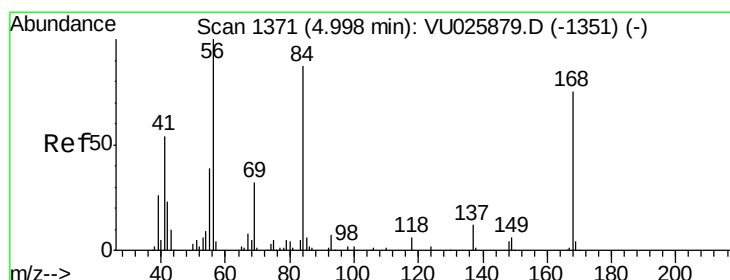
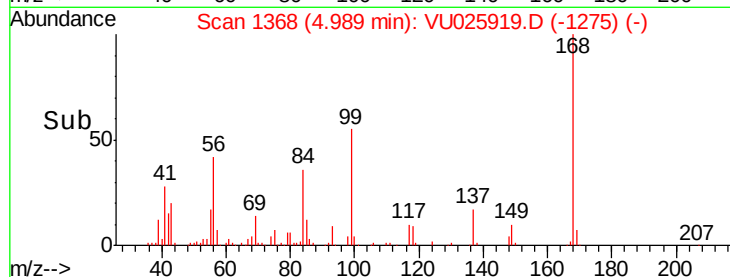
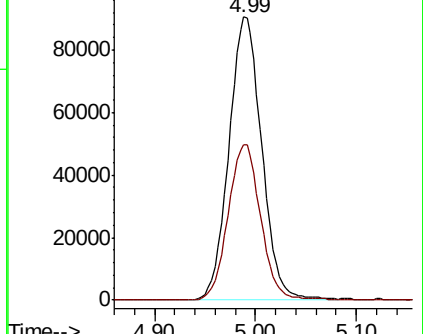
168 100

99 55.0 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) (-)



#31

Cyclohexane

Concen: 30.04 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

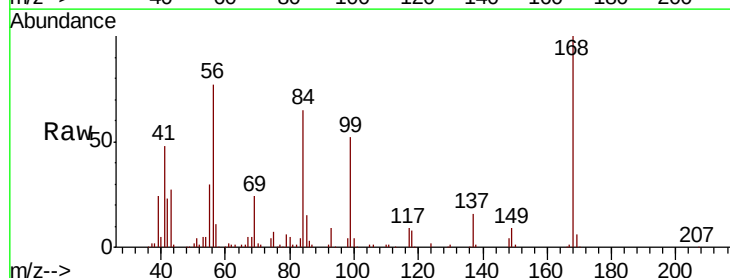
Tgt Ion: 56 Resp: 124187

Ion Ratio Lower Upper

56 100

69 31.8 26.8 40.2

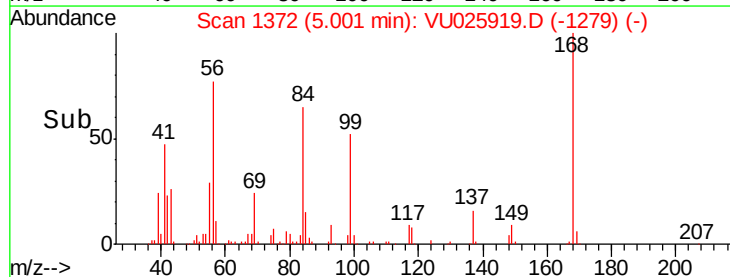
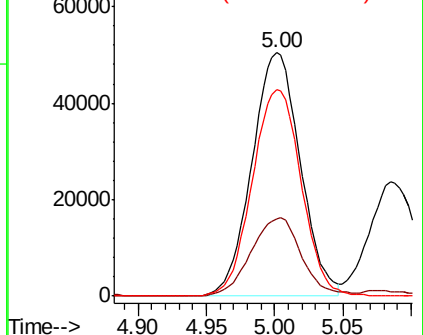
84 85.0 69.7 104.5

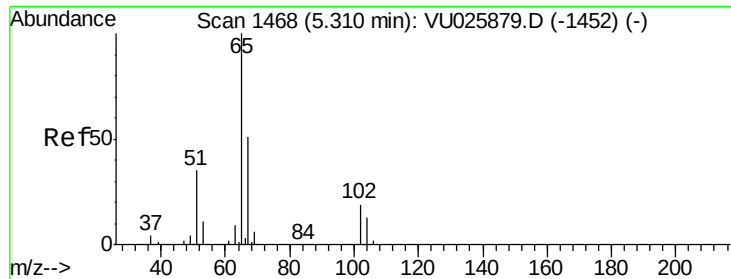


Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-1351) (-)

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

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

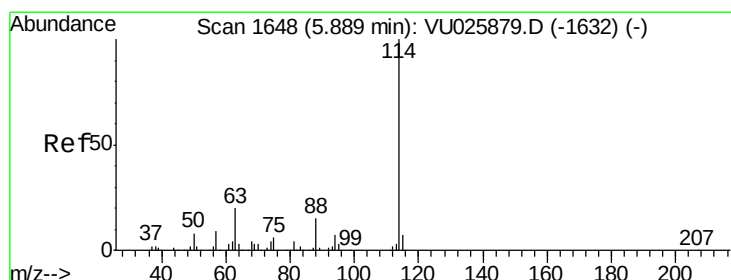
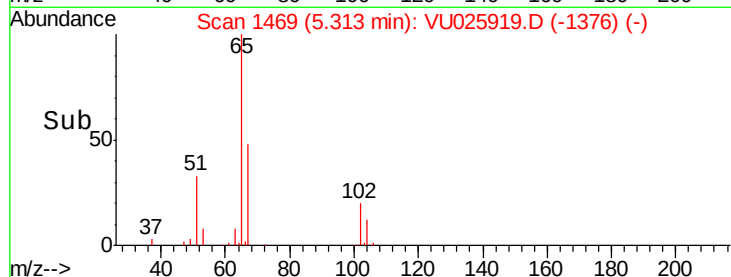
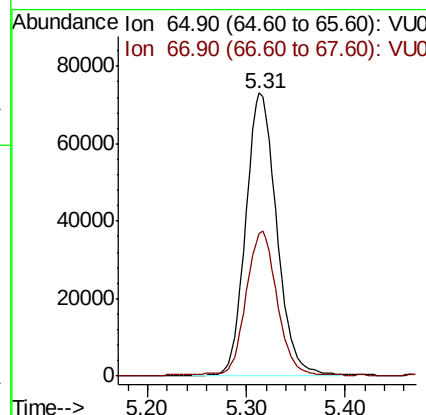
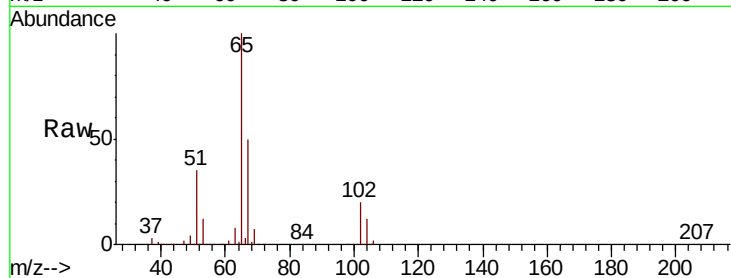




#33
 1,2-Dichloroethane-d4
 Concen: 49.51 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

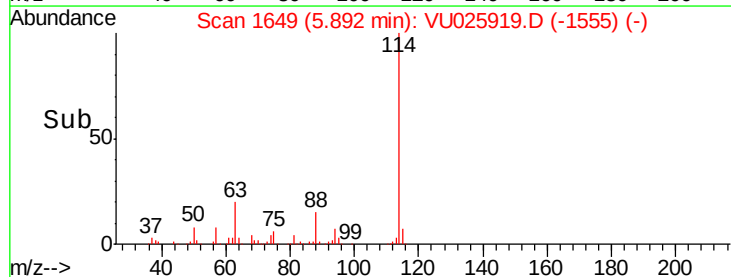
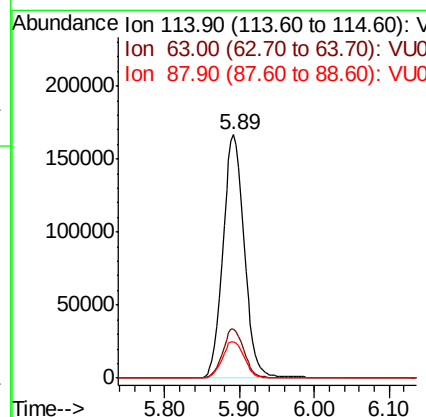
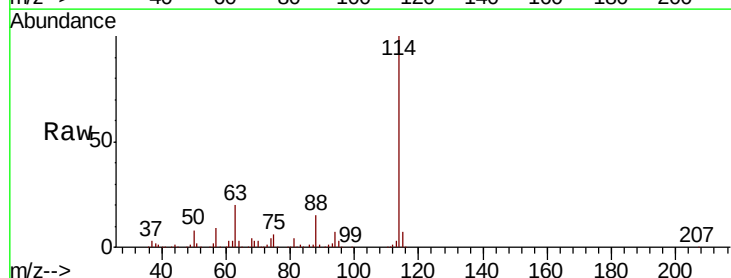
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

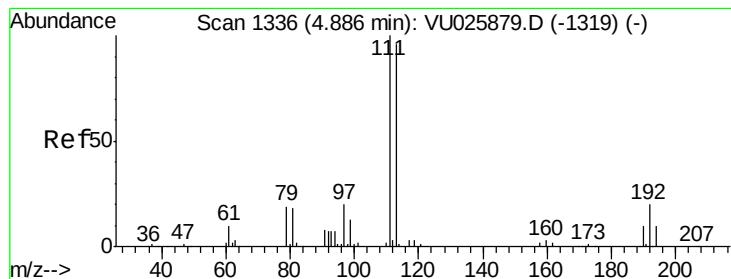
Tot Ion: 65 Resp: 157793
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion: 114 Resp: 329672
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 14.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.40 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

FL-0535

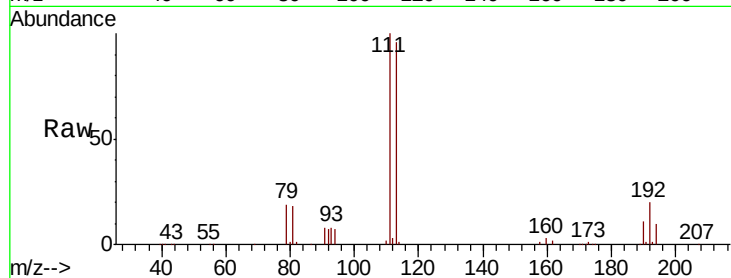
Tot Ion:113 Resp: 133041

Ion Ratio Lower Upper

113 100

111 104.4 81.7 122.5

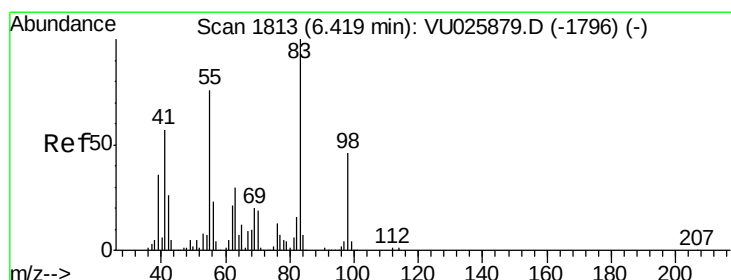
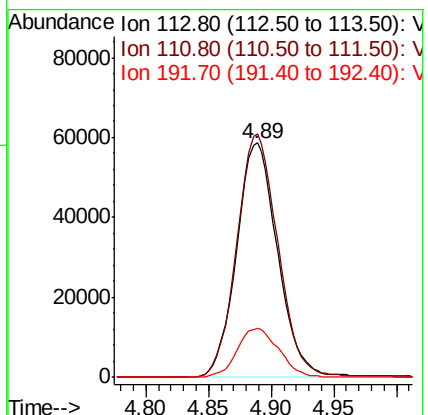
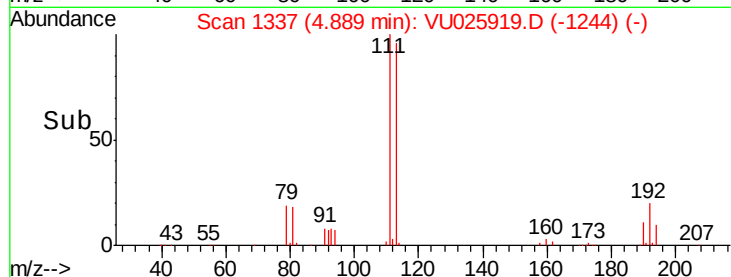
192 21.2 17.1 25.7



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: 65.30 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

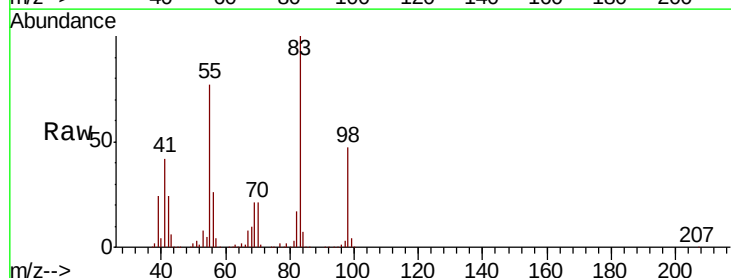
Tgt Ion: 83 Resp: 288243

Ion Ratio Lower Upper

83 100

55 77.3 60.0 90.0

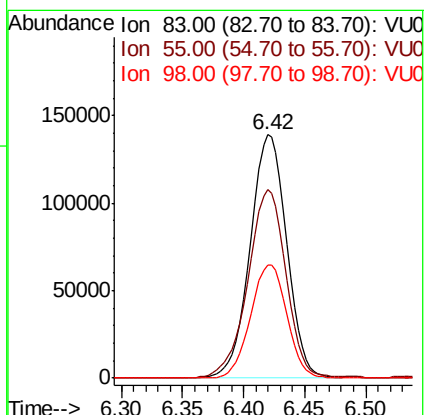
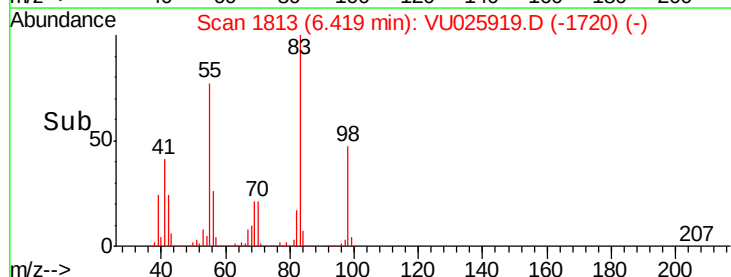
98 46.6 36.1 54.1

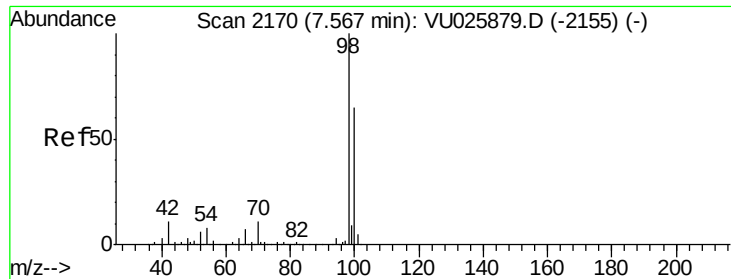


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

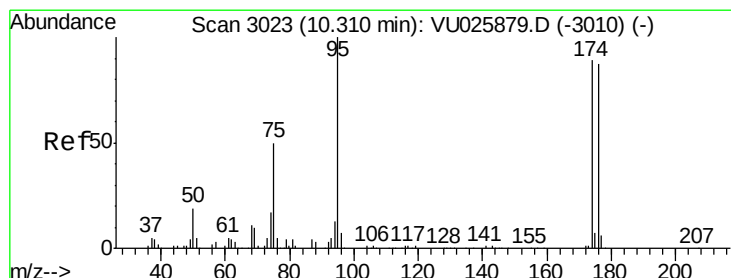
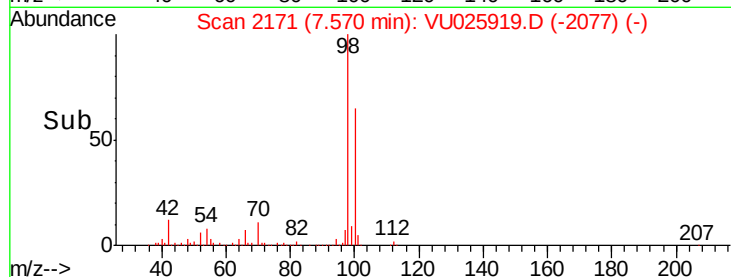
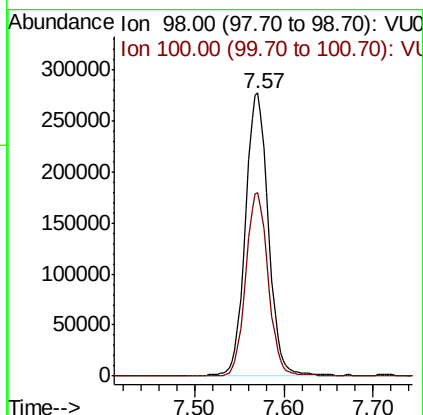
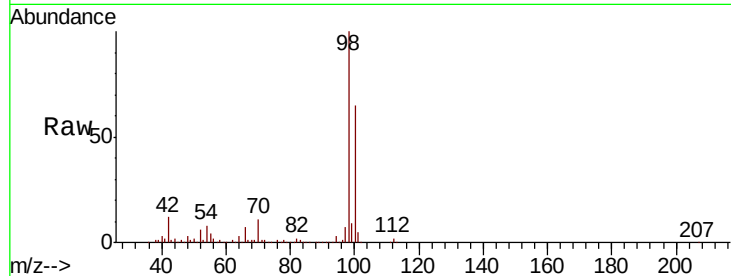




#50
Toluene-d8
Concen: 49.35 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

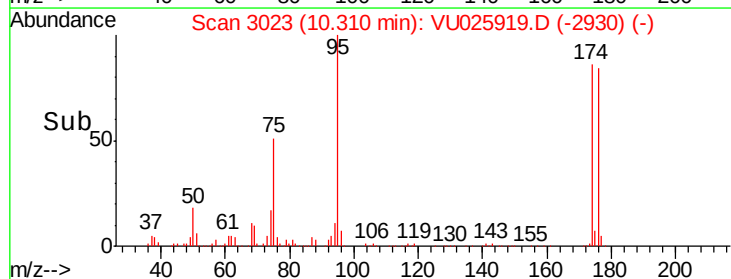
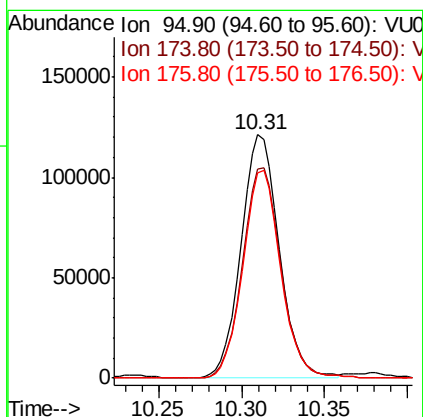
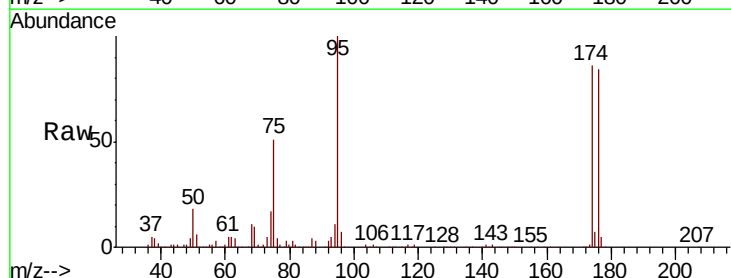
Instrument :
MSVOA_U
ClientSampleId :
FL-0535

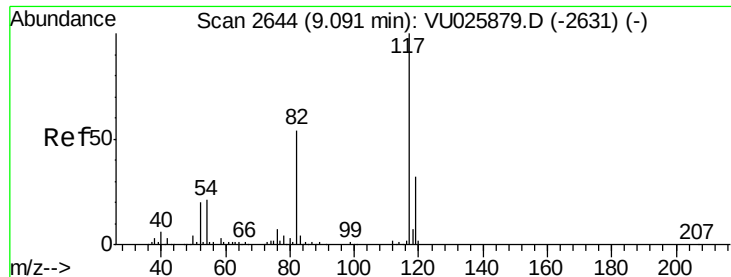
Tot Ion: 98 Resp: 495123
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 49.57 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 95 Resp: 193052
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.2
176 85.1 0.0 162.6

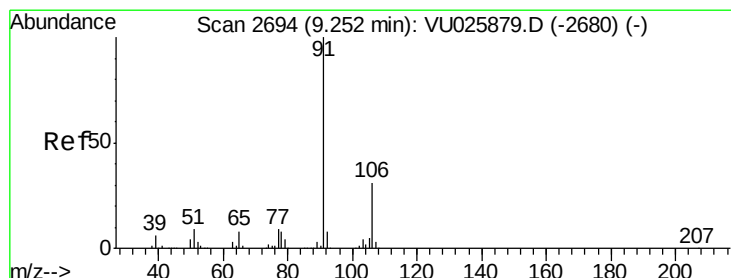
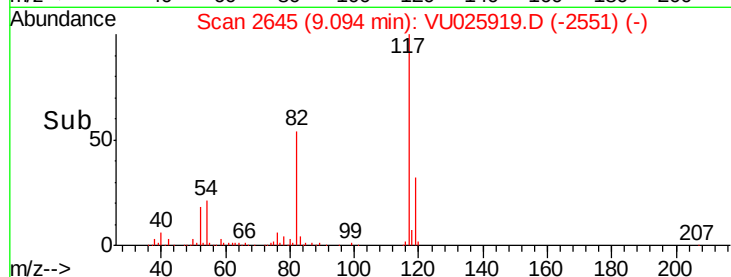
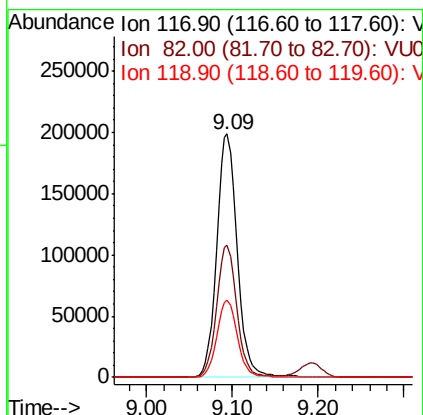
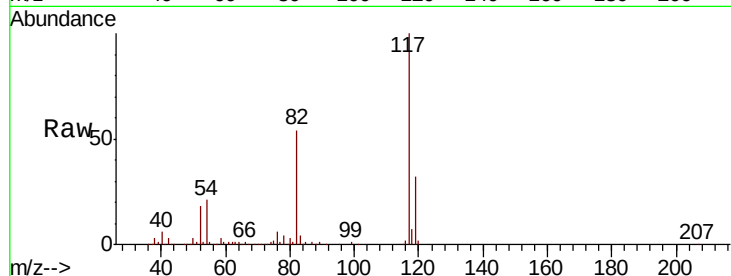




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

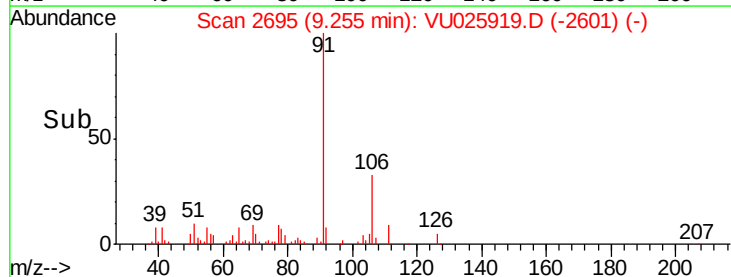
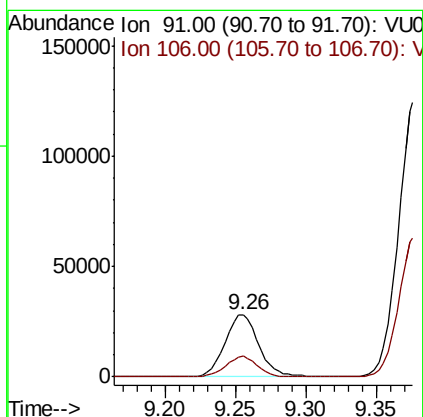
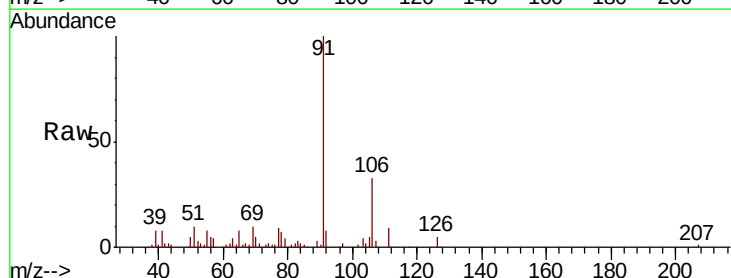
Instrument :
MSVOA_U
ClientSampleId :
FL-0535

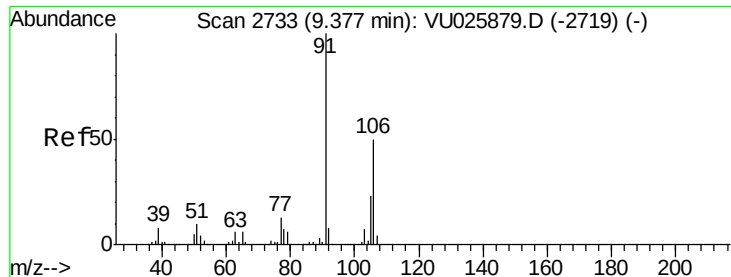
Tot Ion:117 Resp: 330752
Ion Ratio Lower Upper
117 100
82 54.0 46.0 69.0
119 31.8 26.0 39.0



#67
Ethyl Benzene
Concen: 3.37 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion: 91 Resp: 47594
Ion Ratio Lower Upper
91 100
106 32.7 25.3 37.9

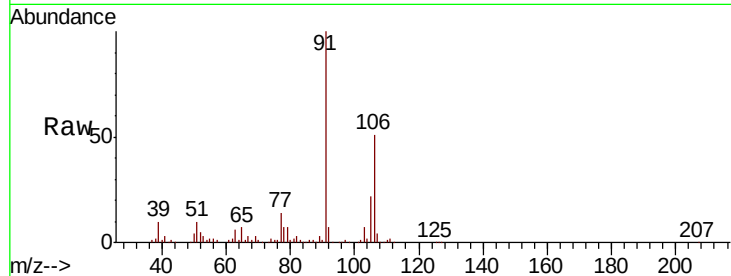




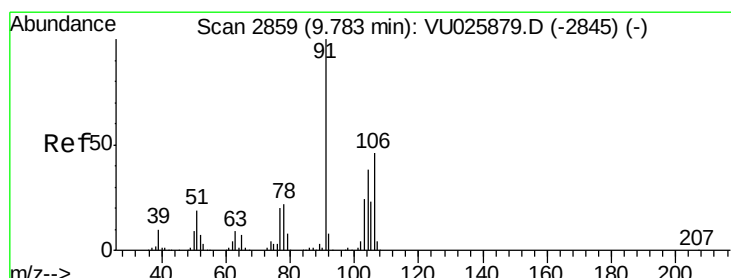
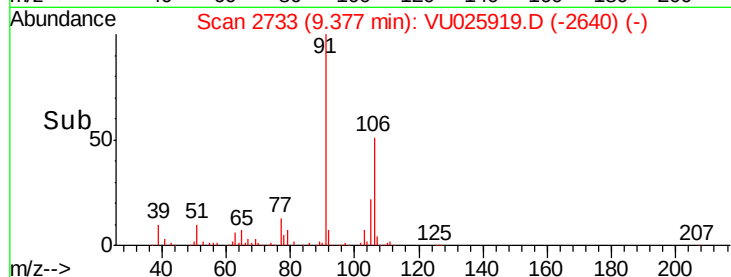
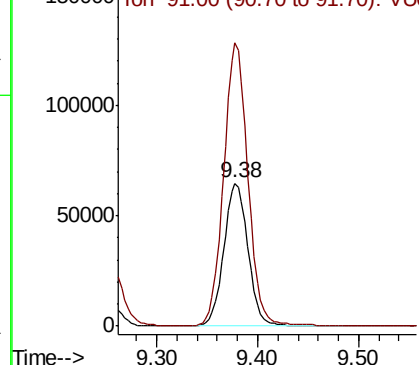
#68
m/p-Xylenes
Concen: 20.00 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Instrument :
MSVOA_U
ClientSampleId :
FL-0535

Tot Ion:106 Resp: 108472
Ion Ratio Lower Upper
106 100
91 197.7 162.3 243.5

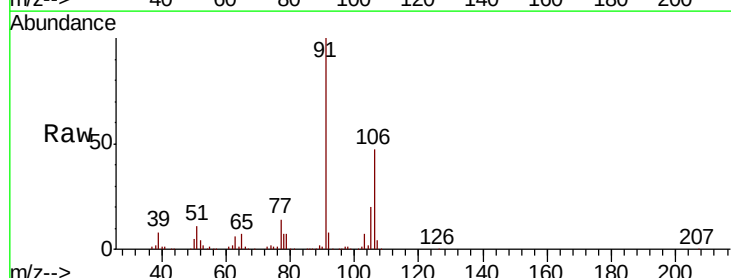


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

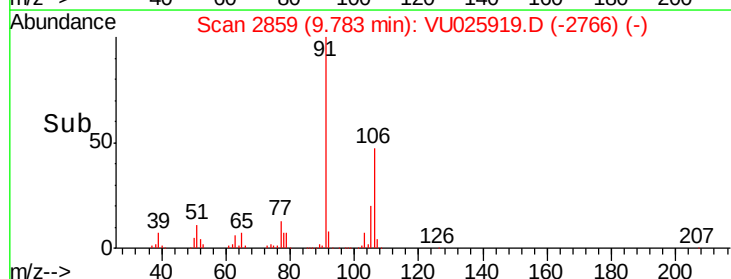
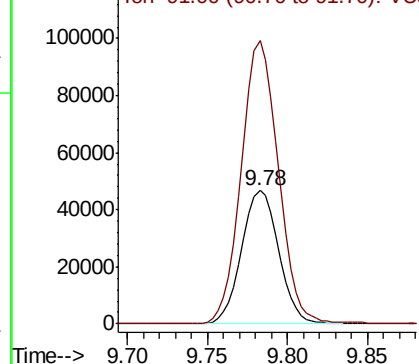


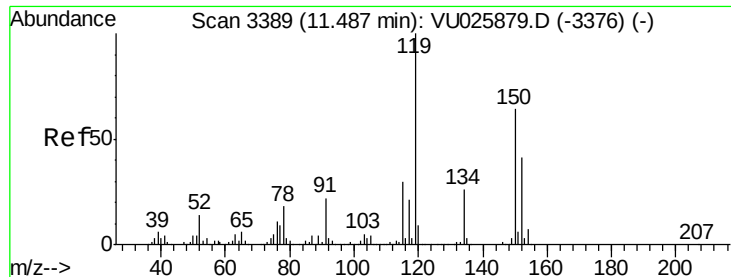
#69
o-Xylene
Concen: 13.97 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025919.D
Acq: 07 Aug 2018 05:01

Tgt Ion:106 Resp: 74044
Ion Ratio Lower Upper
106 100
91 209.7 105.3 315.8



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: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

FL-0535

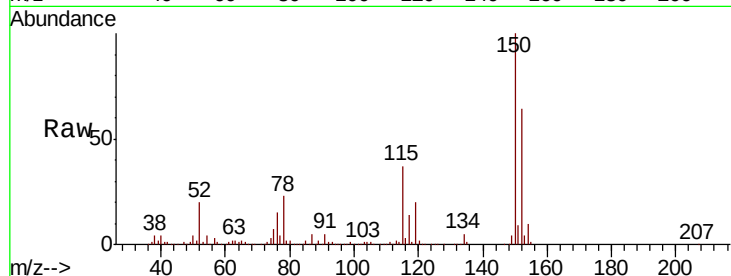
Tot Ion:152 Resp: 211384

Ion Ratio Lower Upper

152 100

115 59.4 40.1 120.3

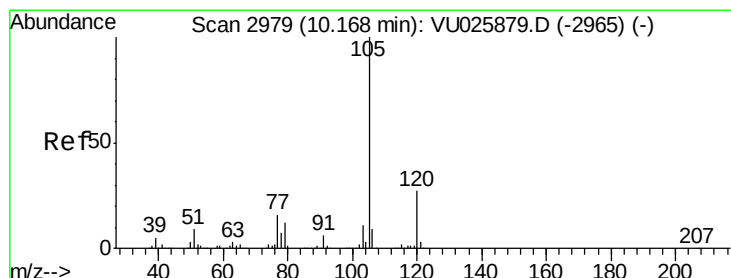
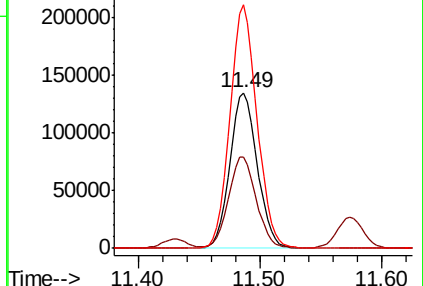
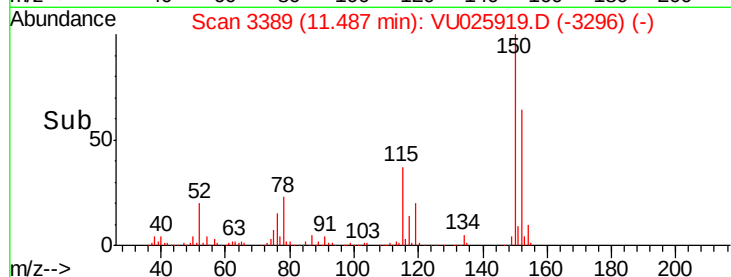
150 154.5 0.0 351.4



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: 13.12 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025919.D

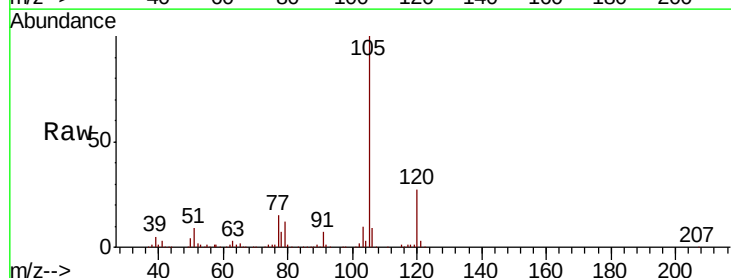
Acq: 07 Aug 2018 05:01

Tgt Ion:105 Resp: 189322

Ion Ratio Lower Upper

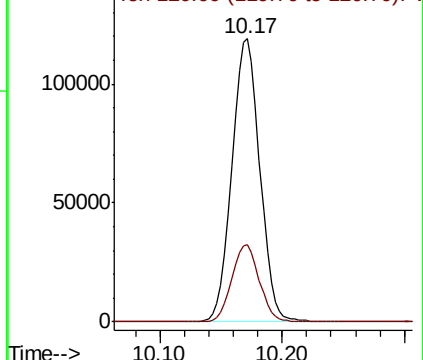
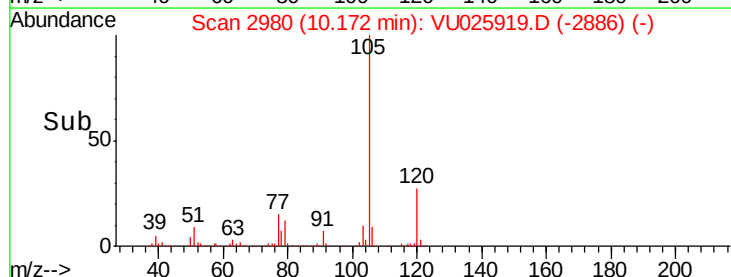
105 100

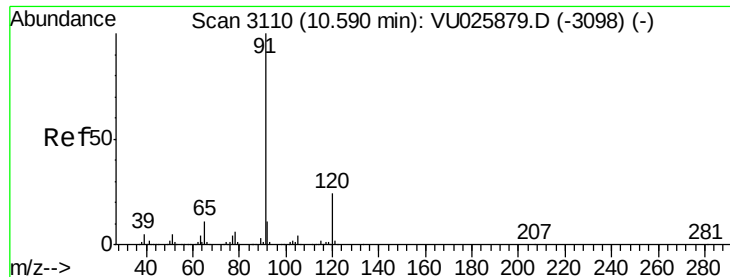
120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 17.84 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025919.D

Acq: 07 Aug 2018 05:01

Instrument :

MSVOA_U

ClientSampleId :

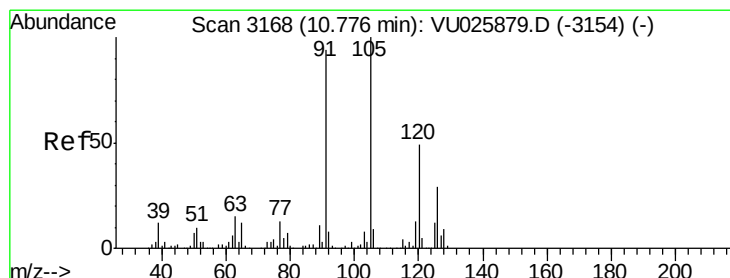
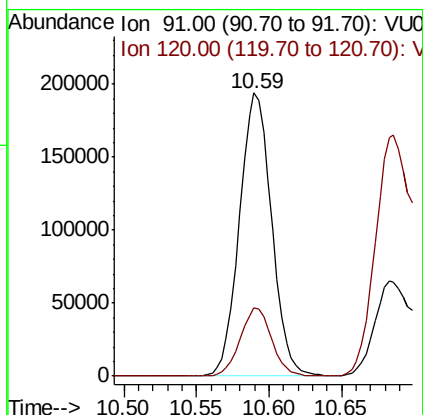
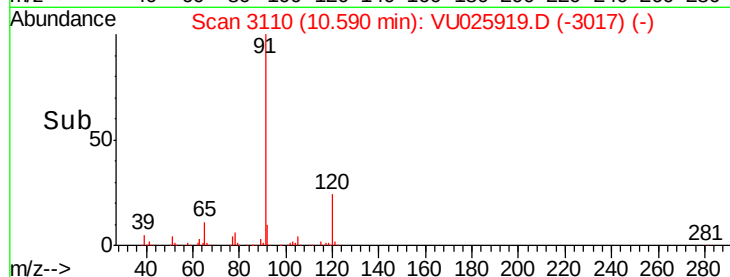
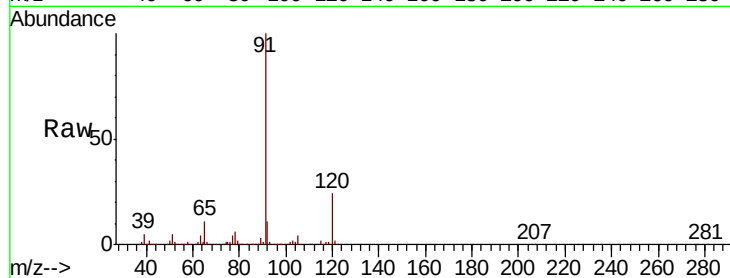
FL-0535

Tot Ion: 91 Resp: 300371

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 59.98 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025919.D

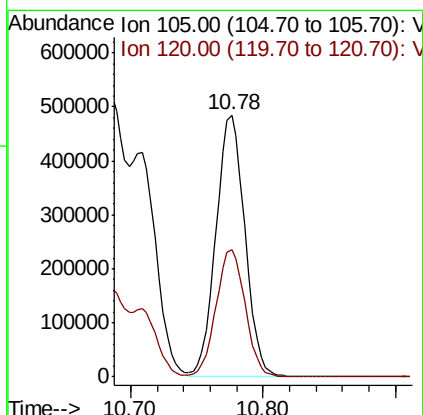
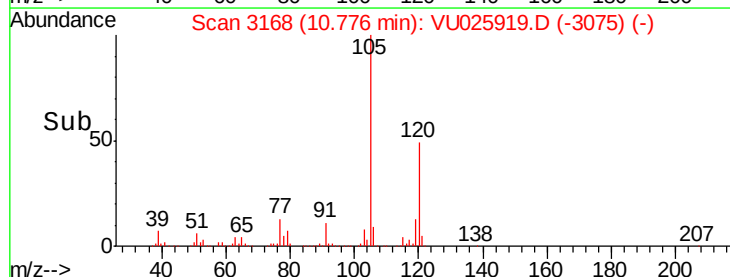
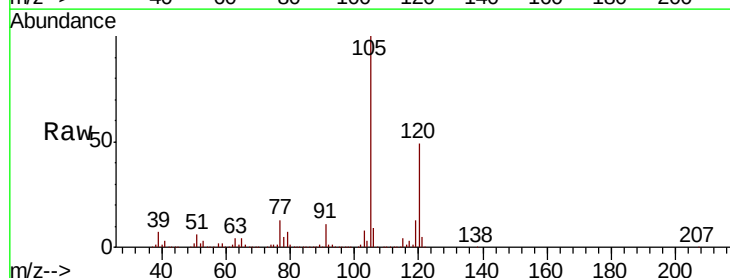
Acq: 07 Aug 2018 05:01

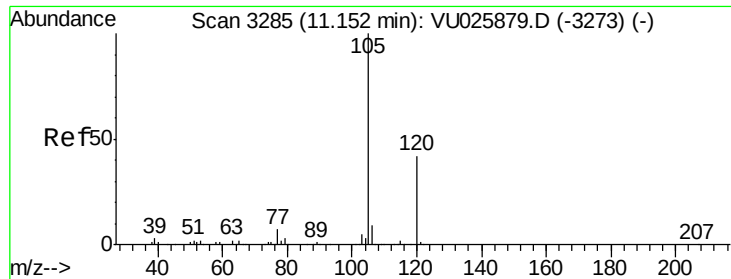
Tgt Ion: 105 Resp: 734940

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2

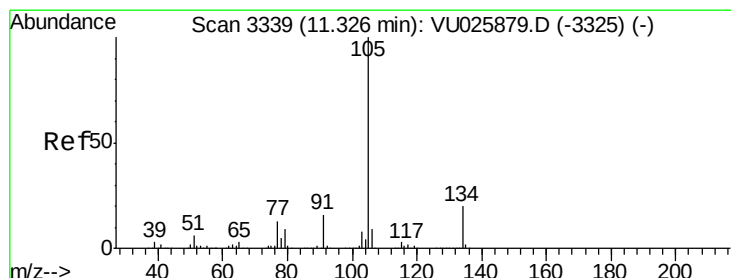
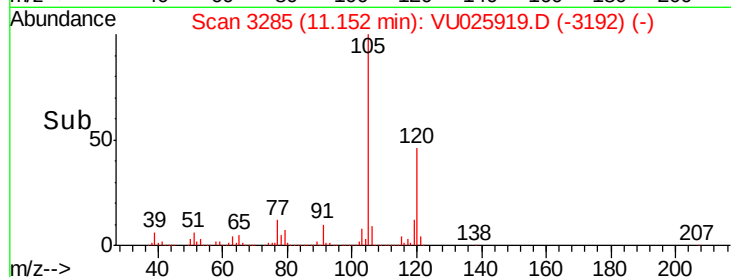
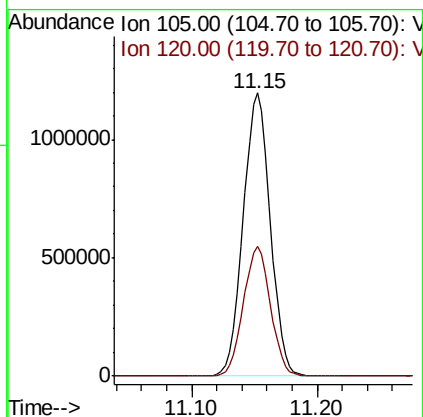
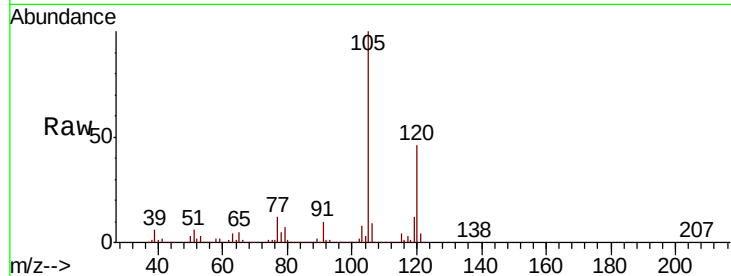




#84
 1,2,4-Trimethylbenzene
 Concen: 144.56 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

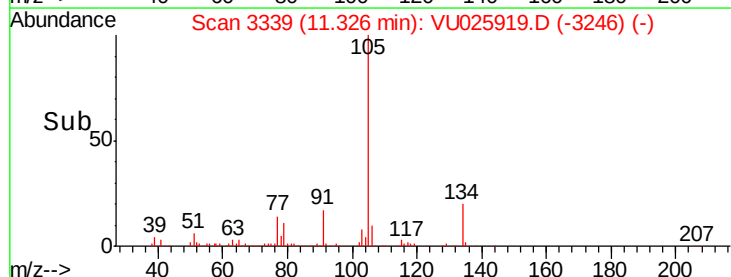
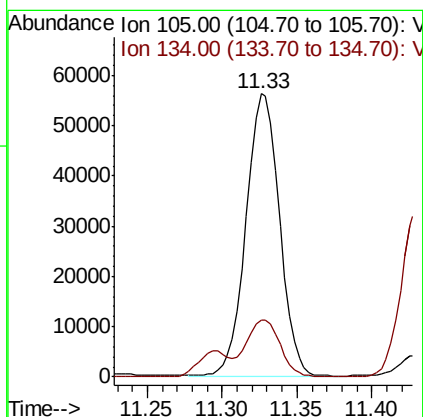
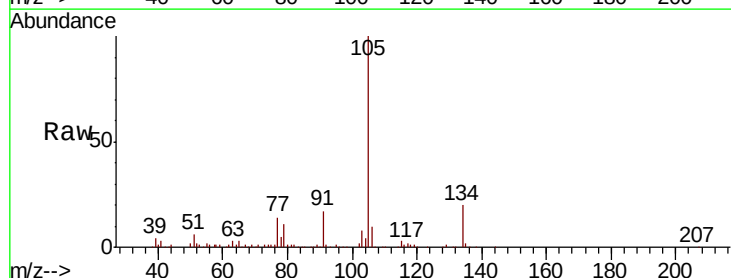
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

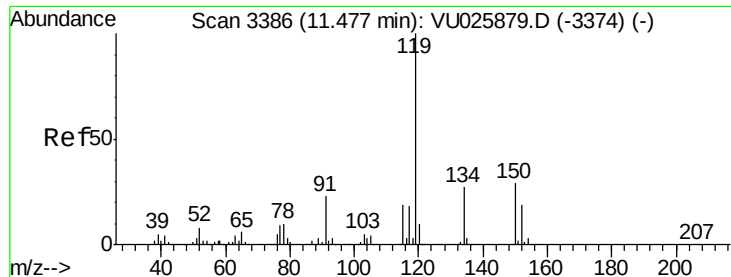
Tot Ion:105 Resp: 1794960
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 5.88 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion:105 Resp: 87427
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

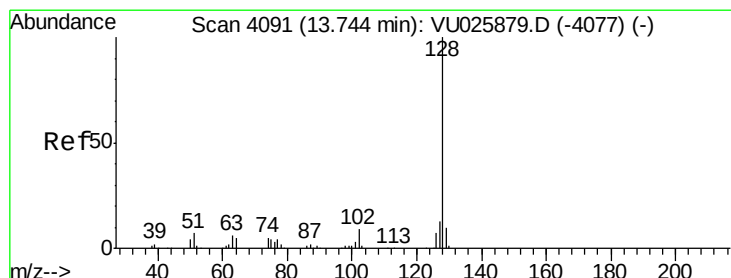
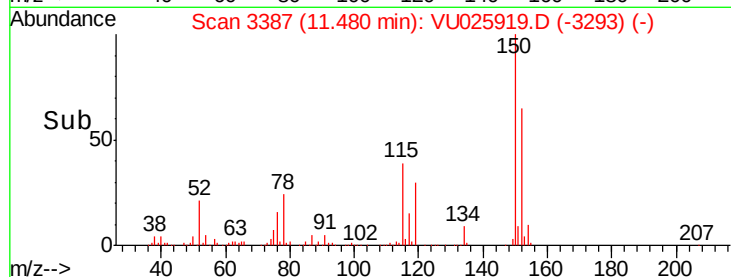
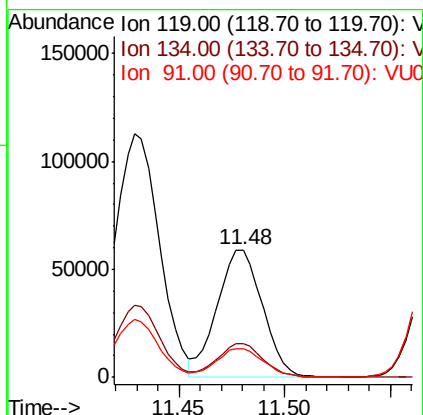
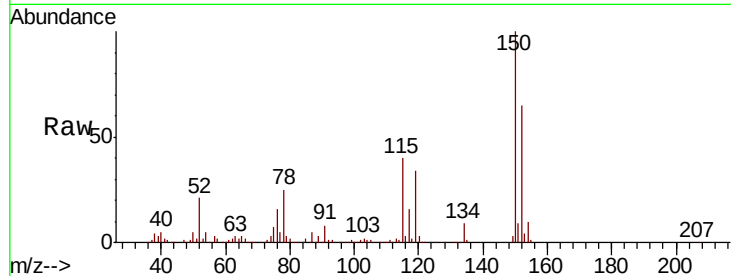




#86
 p-Isopropyltoluene
 Concen: 6.64 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0535

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.2	39.5
91	23.8	12.0	36.1



#95
 Naphthalene
 Concen: 6.65 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025919.D
 Acq: 07 Aug 2018 05:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	13.3	8.3	12.5#

