

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025920.D
 Acq On : 07 Aug 2018 05:25
 Operator : MD/SY
 Sample : J4344-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0528

Quant Time: Aug 07 06:57:33 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	201616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	327810	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	326851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	203481	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	155989	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
35) Dibromofluoromethane	4.89	113	132531	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
50) Toluene-d8	7.57	98	476692	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	10.31	95	192392	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	

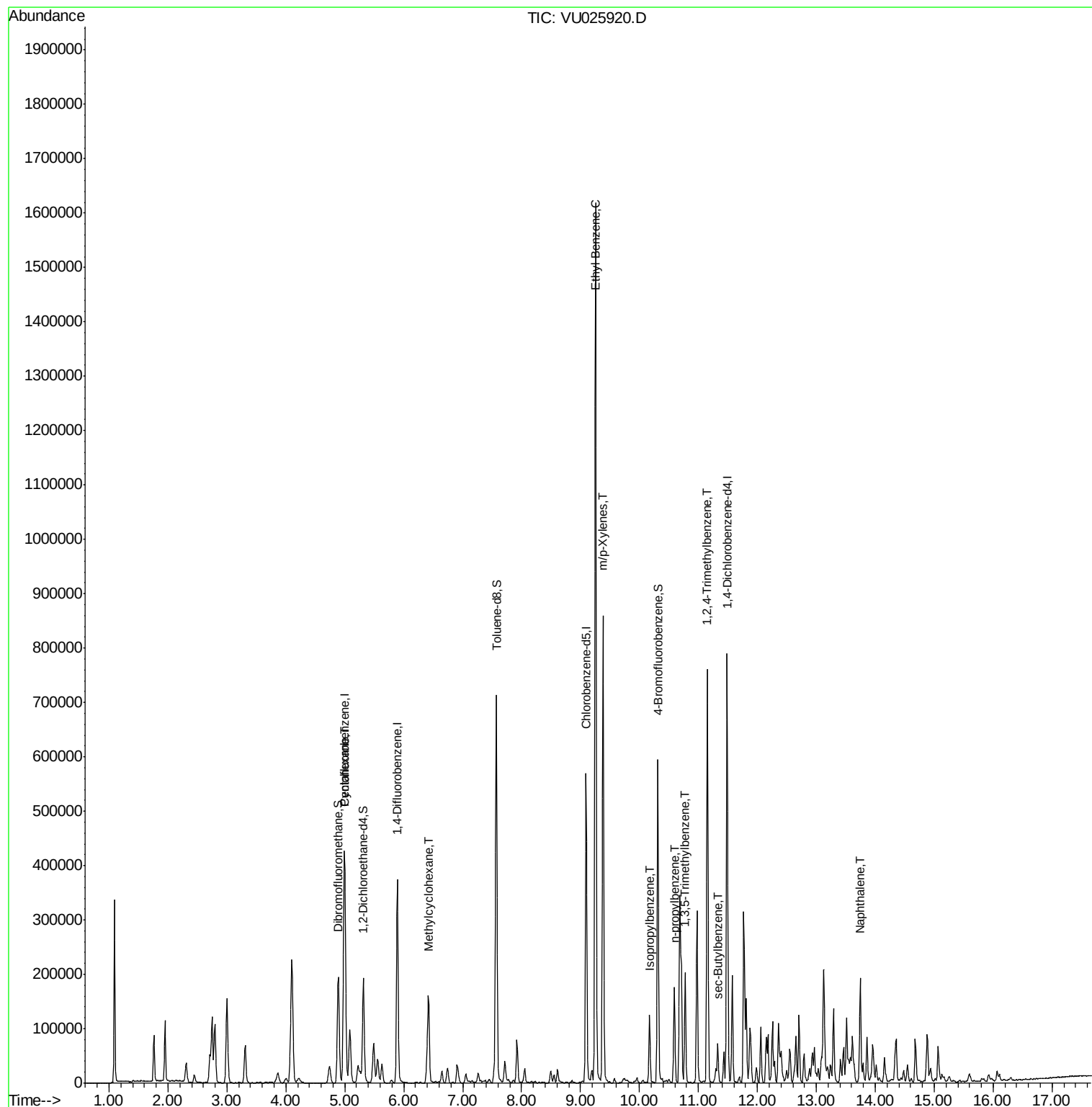
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	114309	27.96	ug/l	97
39) Methylcyclohexane	6.42	83	68723	15.66	ug/l	97
67) Ethyl Benzene	9.25	91	1141842	81.80	ug/l	100
68) m/p-Xylenes	9.38	106	236817	44.19	ug/l	97
73) Isopropylbenzene	10.17	105	79985	5.76	ug/l	100
78) n-propylbenzene	10.59	91	133774	8.25	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	113236	9.60	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	416330	34.83	ug/l	99
85) sec-Butylbenzene	11.33	105	45841	3.20	ug/l	99
95) Naphthalene	13.74	128	149168	10.88	ug/l	98

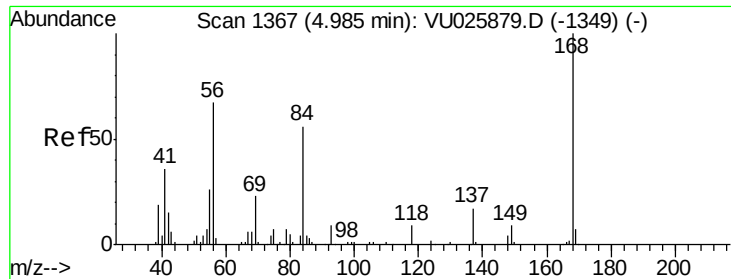
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080618\
Data File : VU025920.D
Acq On : 07 Aug 2018 05:25
Operator : MD/SY
Sample : J4344-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0528

Quant Time: Aug 07 06:57:33 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: VU025920.D

Acq: 07 Aug 2018 05:25

Instrument :

MSVOA_U

ClientSampleId :

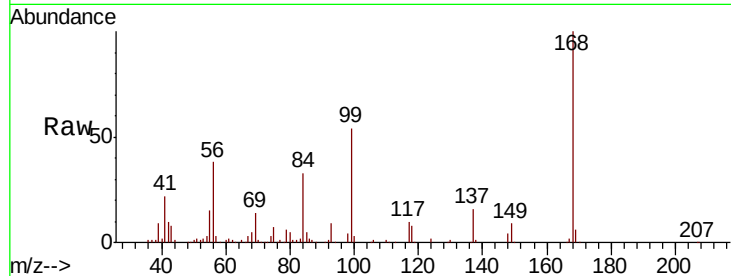
FL-0528

Tot Ion:168 Resp: 201616

Ion Ratio Lower Upper

168 100

99 54.0 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) (-)

4.99

100000

80000

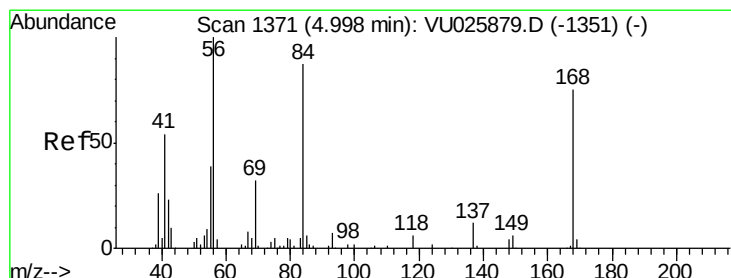
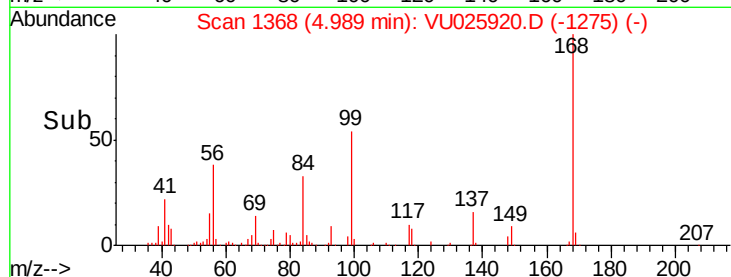
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 27.96 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025920.D

Acq: 07 Aug 2018 05:25

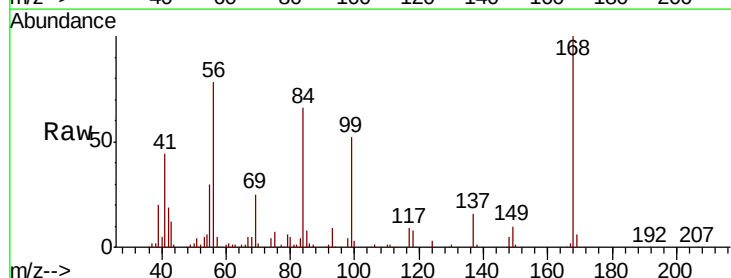
Tgt Ion: 56 Resp: 114309

Ion Ratio Lower Upper

56 100

69 32.5 26.8 40.2

84 84.4 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

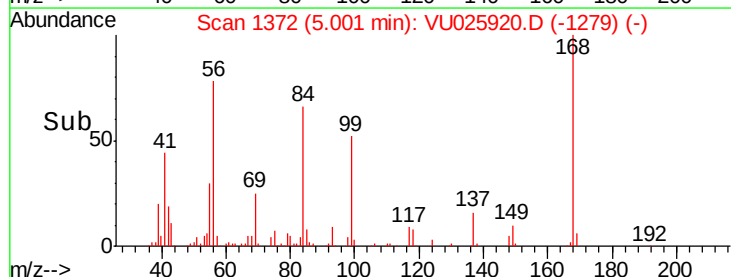
60000

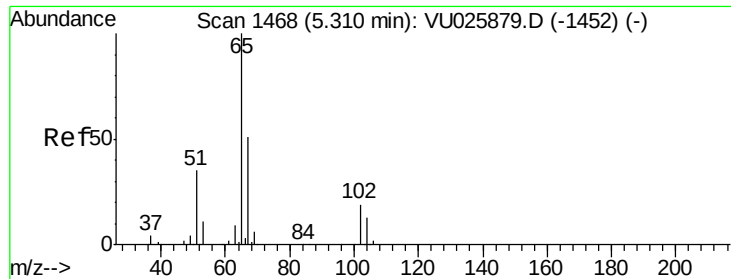
40000

20000

0

Time-->

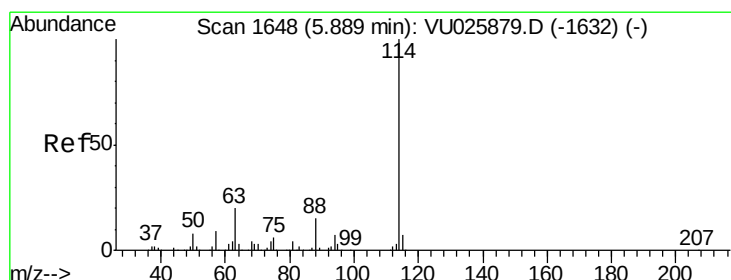
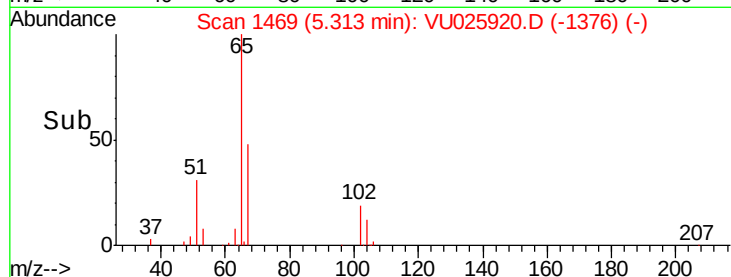
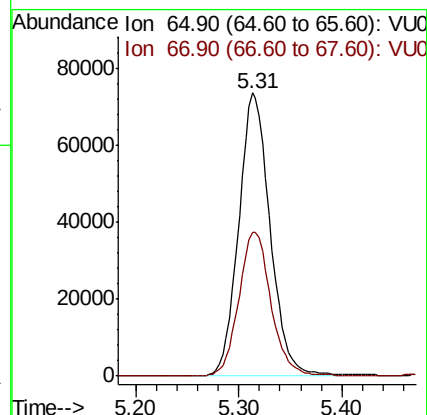
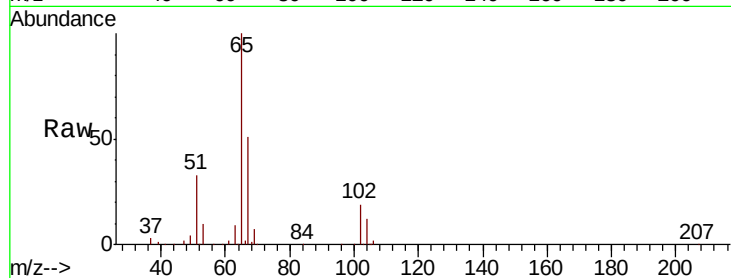




#33
 1,2-Dichloroethane-d4
 Concen: 49.66 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025920.D
 Acq: 07 Aug 2018 05:25

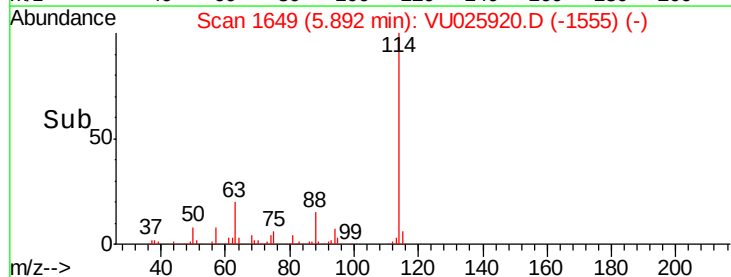
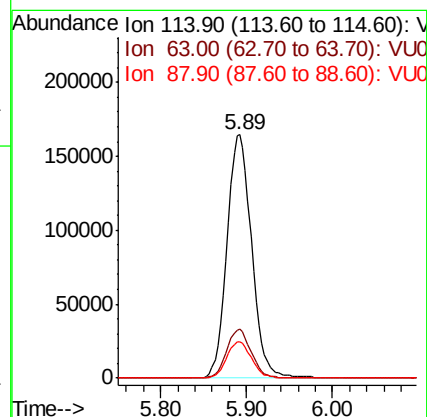
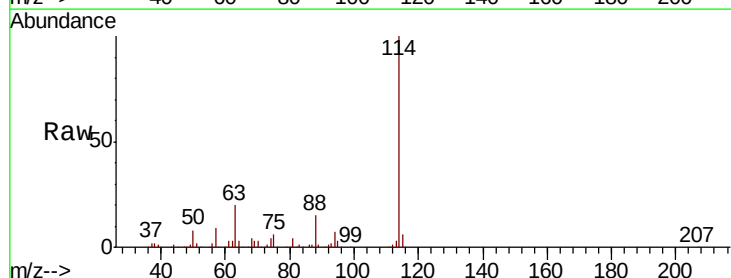
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0528

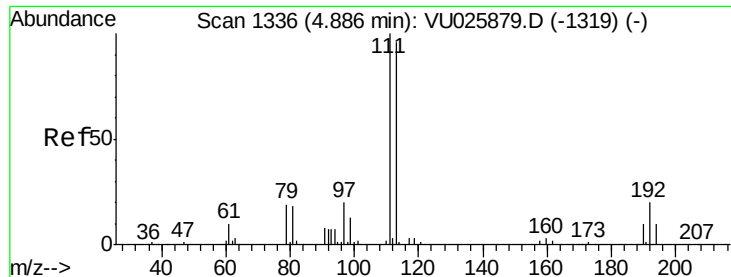
Tot Ion: 65 Resp: 155989
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025920.D
 Acq: 07 Aug 2018 05:25

Tgt Ion: 114 Resp: 327810
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 14.8 0.0 32.4

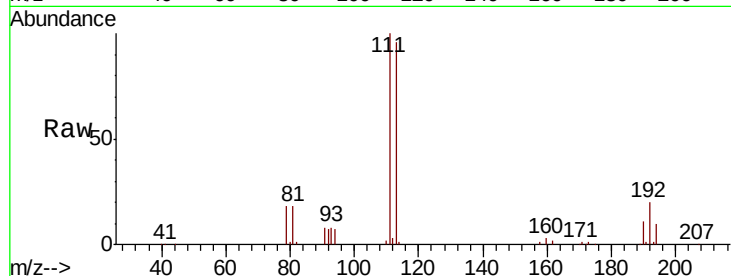




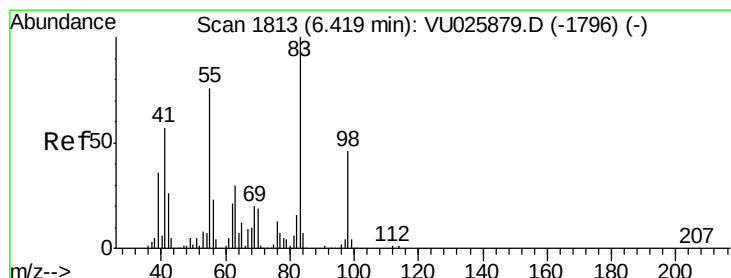
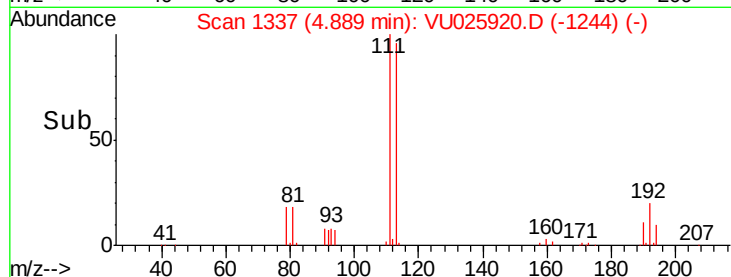
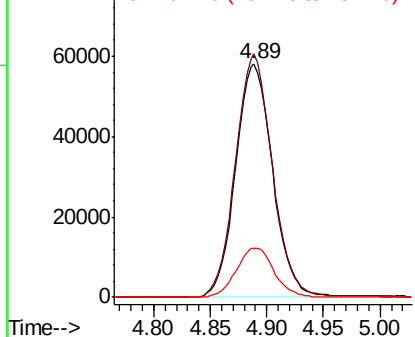
#35
 Dibromofluoromethane
 Concen: 46.48 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025920.D
 Acq: 07 Aug 2018 05:25

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0528

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.7	122.5
192	21.7	17.1	25.7

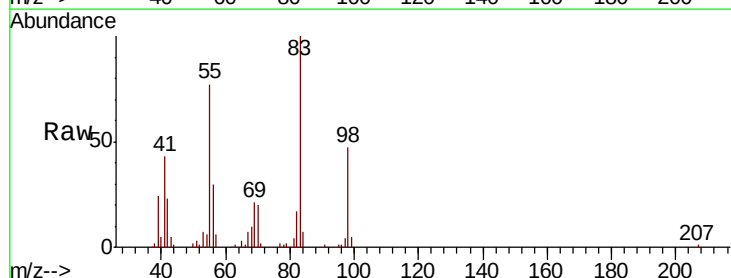


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

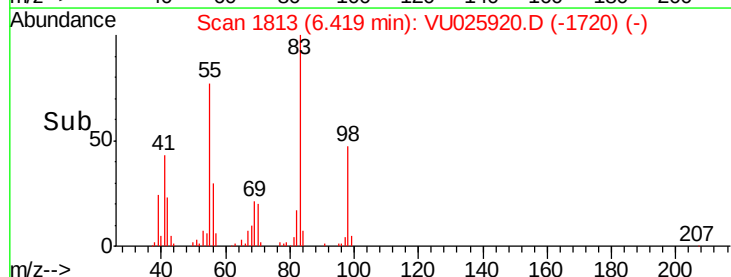
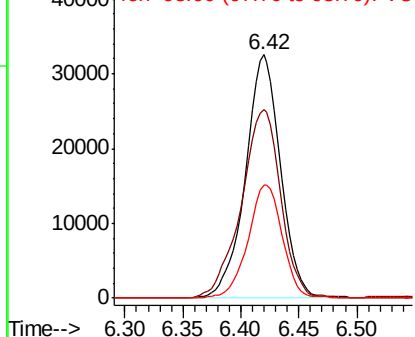


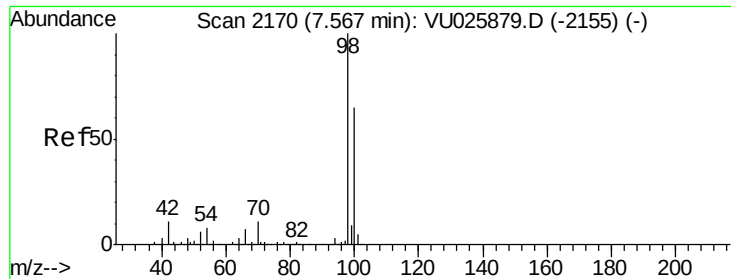
#39
 Methylcyclohexane
 Concen: 15.66 ug/l
 RT: 6.42 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VU025920.D
 Acq: 07 Aug 2018 05:25

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.4	60.0	90.0
98	46.7	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

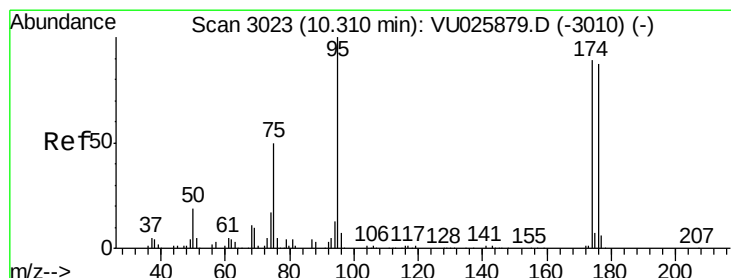
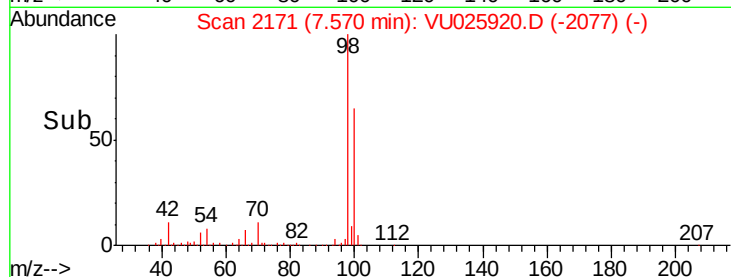
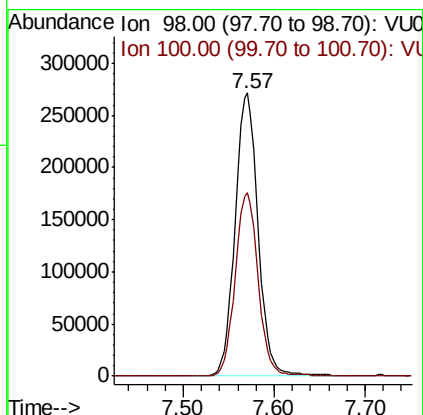
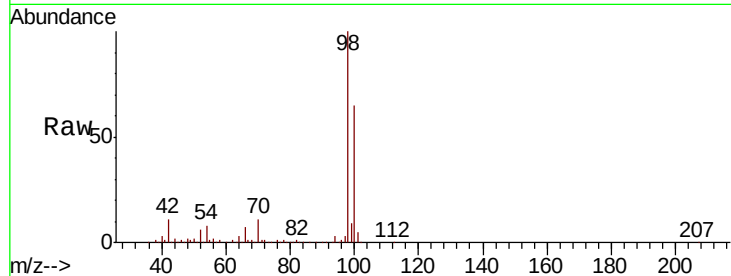




#50
Toluene-d8
Concen: 47.78 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025920.D
Acq: 07 Aug 2018 05:25

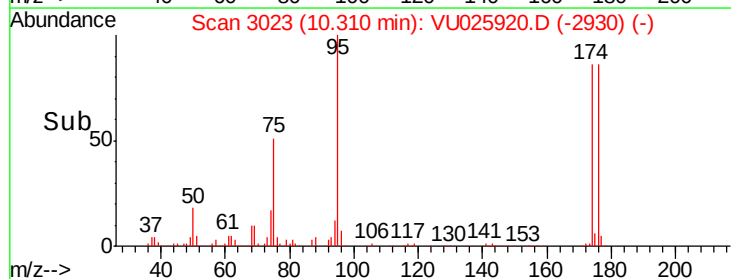
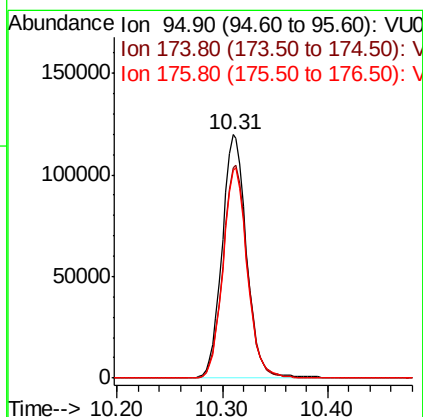
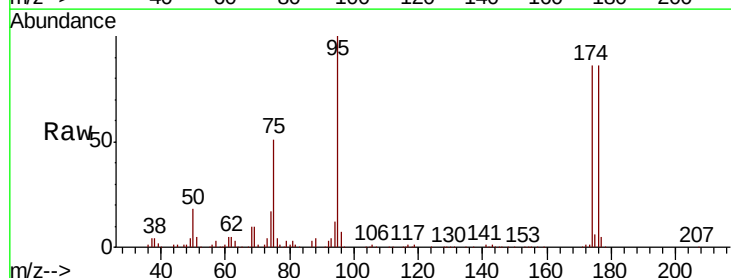
Instrument :
MSVOA_U
ClientSampleId :
FL-0528

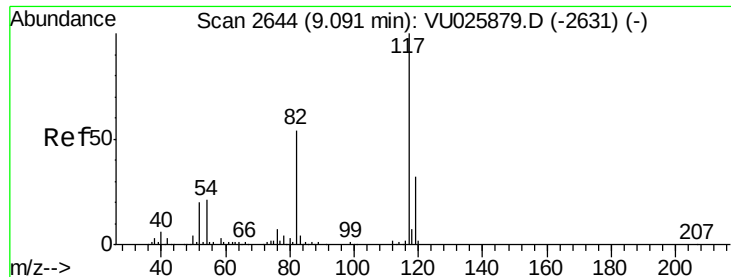
Tot Ion: 98 Resp: 476692
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 49.68 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025920.D
Acq: 07 Aug 2018 05:25

Tgt Ion: 95 Resp: 192392
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.2
176 85.2 0.0 162.6

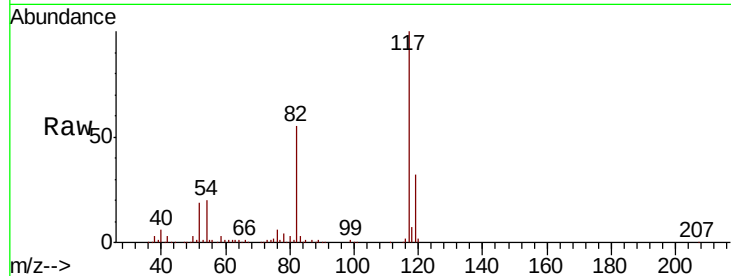




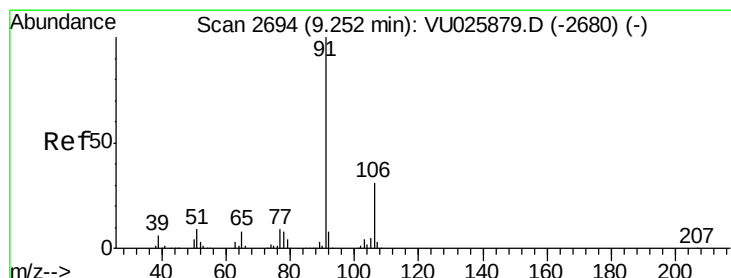
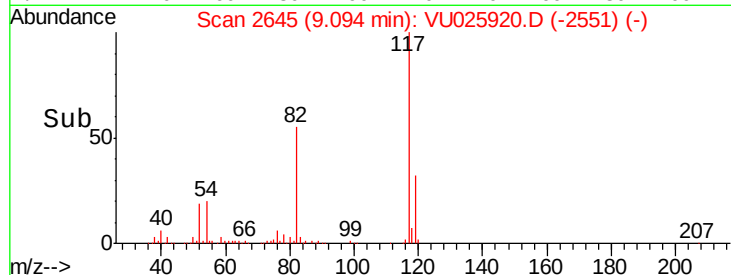
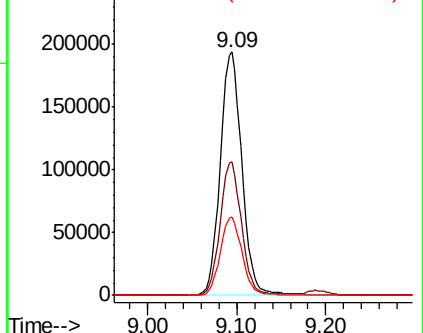
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025920.D
Acq: 07 Aug 2018 05:25

Instrument :
MSVOA_U
ClientSampleId :
FL-0528

Tot Ion:117 Resp: 326851
Ion Ratio Lower Upper
117 100
82 54.6 46.0 69.0
119 32.4 26.0 39.0

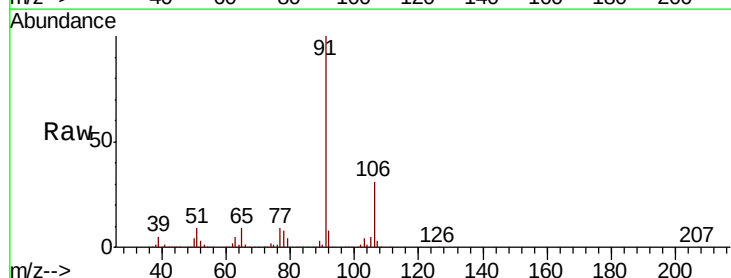


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

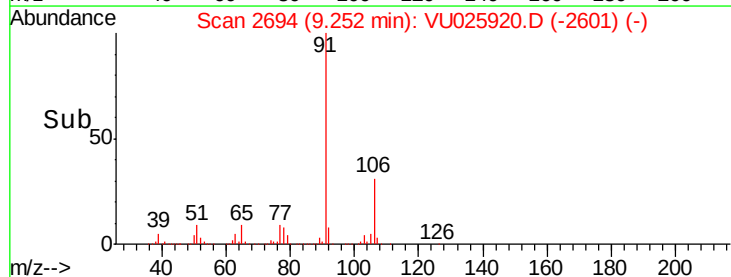
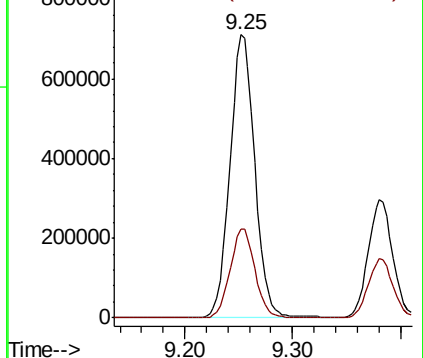


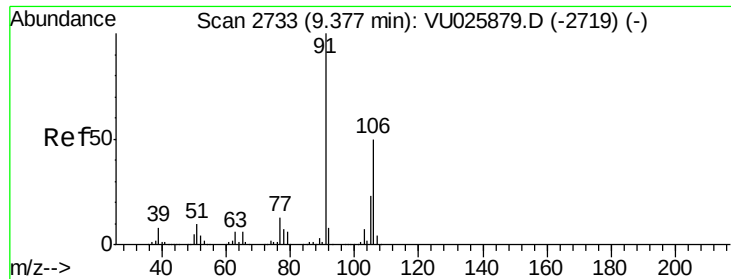
#67
Ethyl Benzene
Concen: 81.80 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025920.D
Acq: 07 Aug 2018 05:25

Tgt Ion: 91 Resp: 1141842
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



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

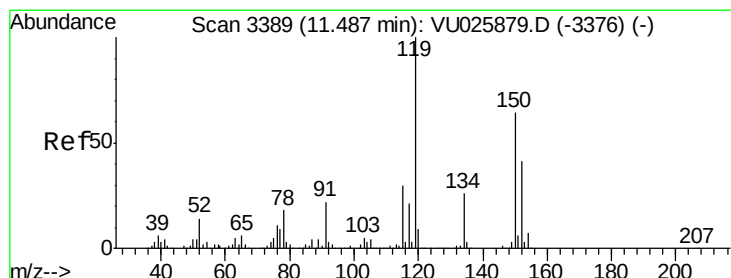
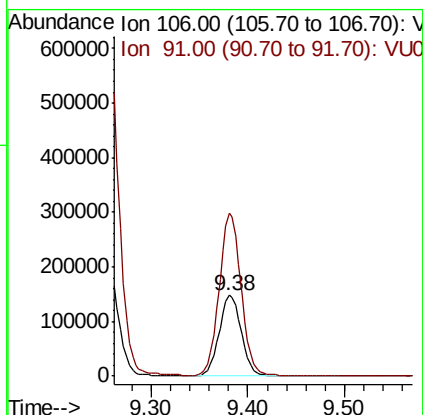
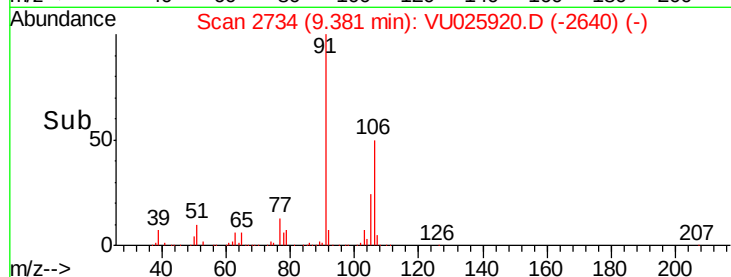
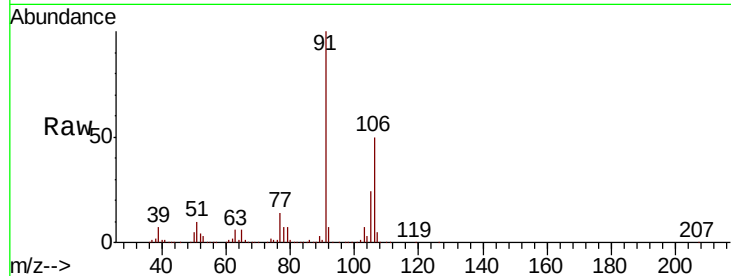




#68
m/p-Xvlenes
Concen: 44.19 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025920.D
Acq: 07 Aug 2018 05:25

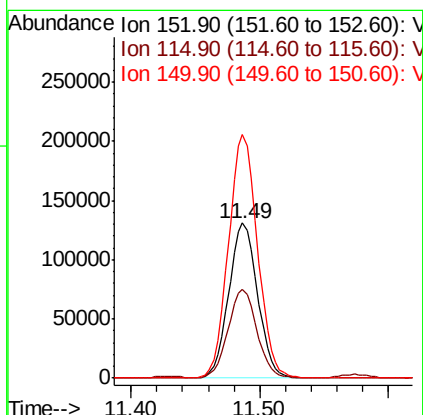
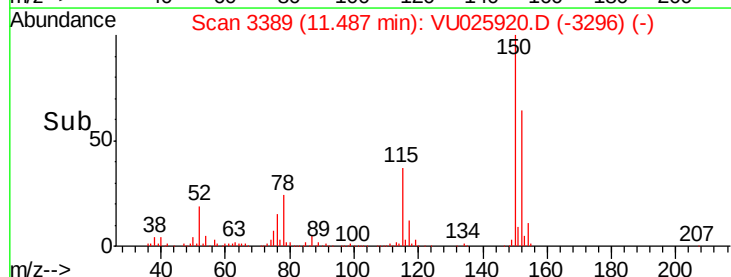
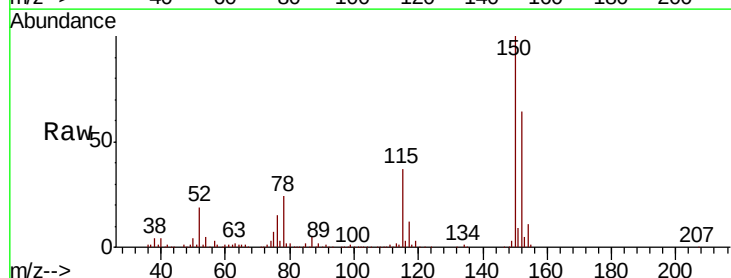
Instrument :
MSVOA_U
ClientSampleId :
FL-0528

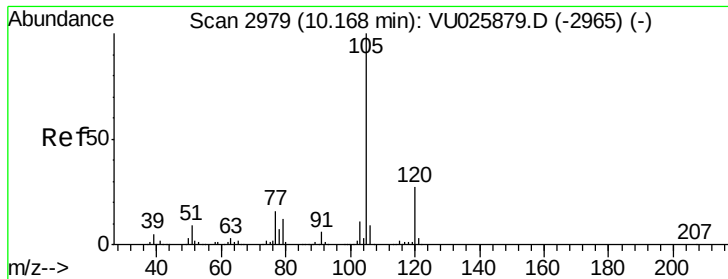
Tot Ion:106 Resp: 236817
Ion Ratio Lower Upper
106 100
91 198.4 162.3 243.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025920.D
Acq: 07 Aug 2018 05:25

Tgt Ion:152 Resp: 203481
Ion Ratio Lower Upper
152 100
115 57.5 40.1 120.3
150 157.9 0.0 351.4





#73

Isopropylbenzene

Concen: 5.76 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025920.D

Acq: 07 Aug 2018 05:25

Instrument :

MSVOA_U

ClientSampleId :

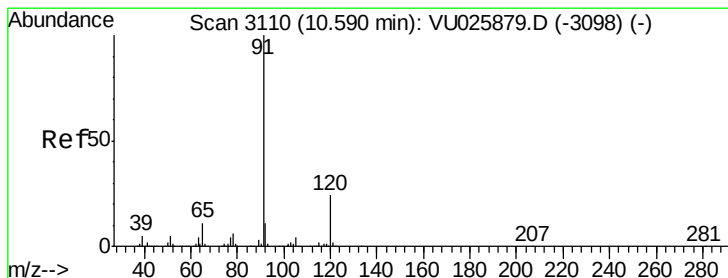
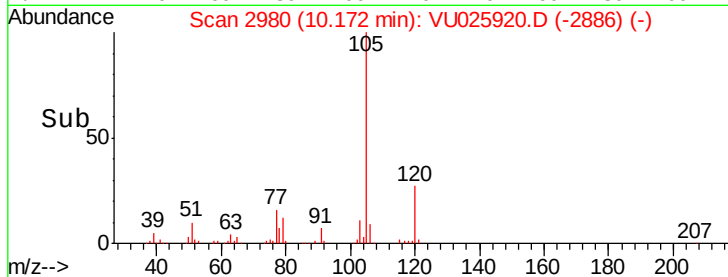
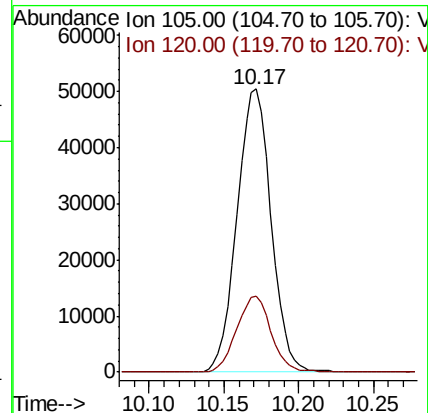
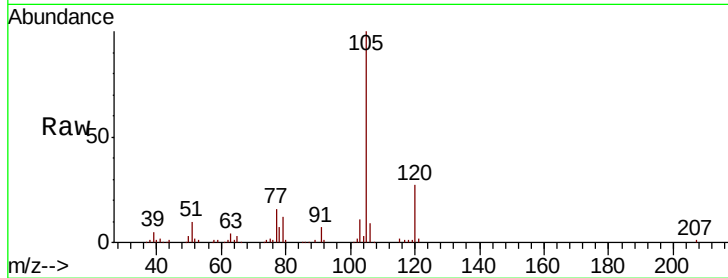
FL-0528

Tot Ion:105 Resp: 79985

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#78

n-propylbenzene

Concen: 8.25 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025920.D

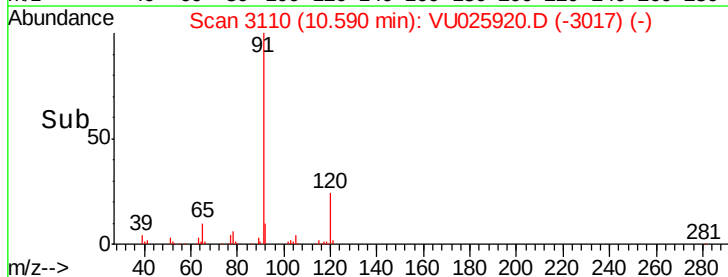
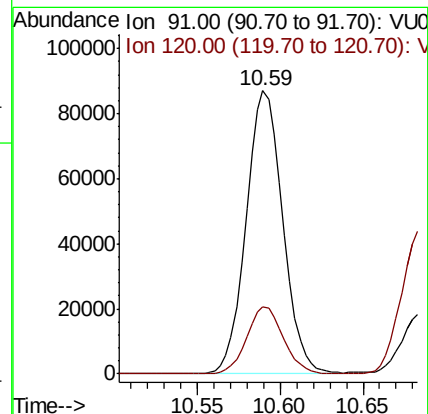
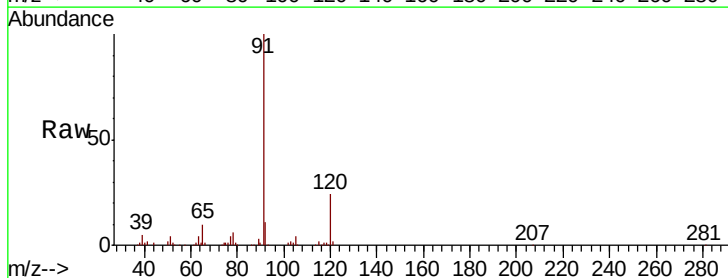
Acq: 07 Aug 2018 05:25

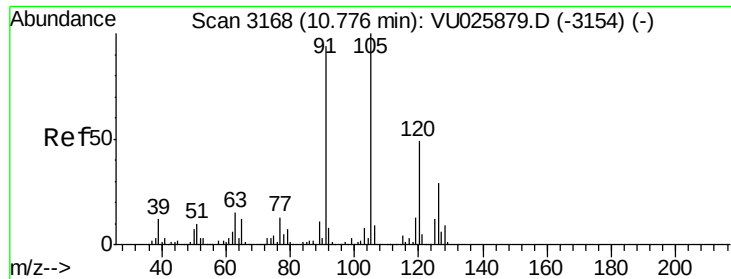
Tgt Ion: 91 Resp: 133774

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3





#80

1,3,5-Trimethylbenzene

Concen: 9.60 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025920.D

Acq: 07 Aug 2018 05:25

Instrument :

MSVOA_U

ClientSampleId :

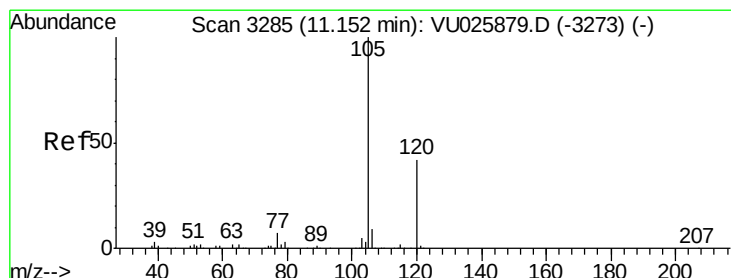
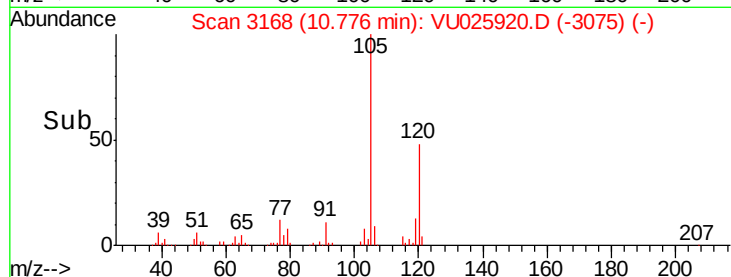
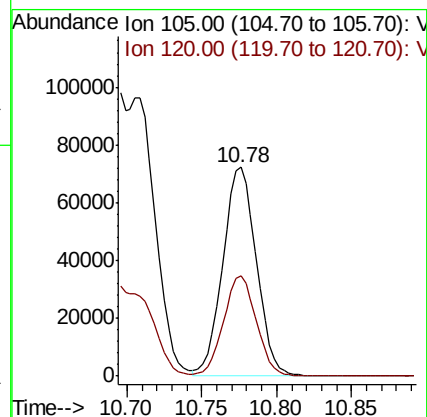
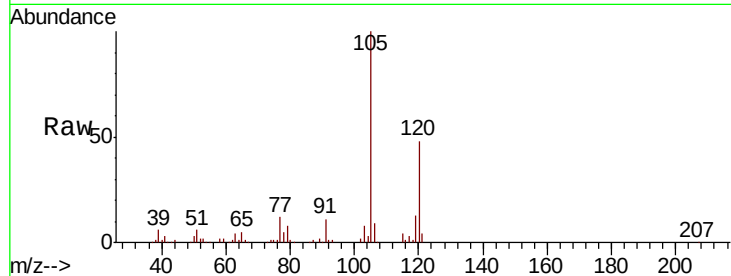
FL-0528

Tot Ion:105 Resp: 113236

Ion Ratio Lower Upper

105 100

120 46.9 24.1 72.2



#84

1,2,4-Trimethylbenzene

Concen: 34.83 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025920.D

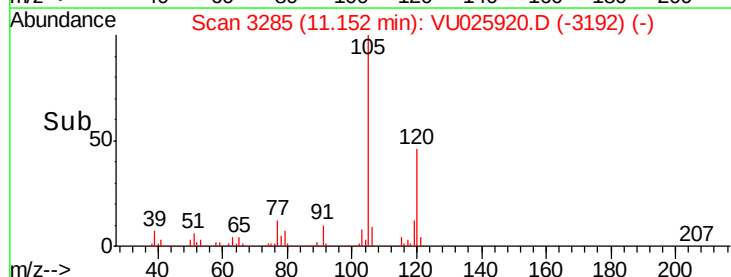
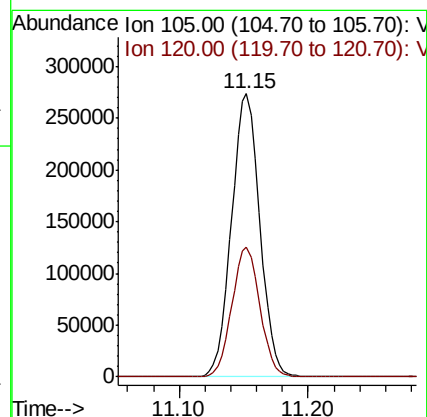
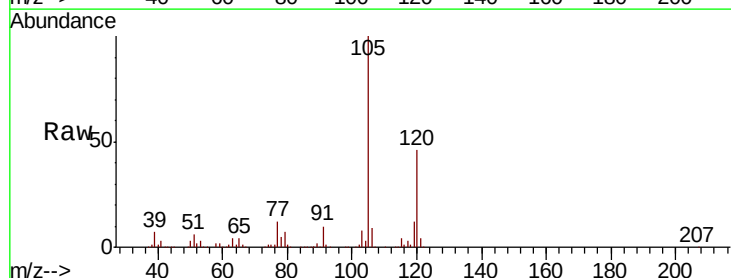
Acq: 07 Aug 2018 05:25

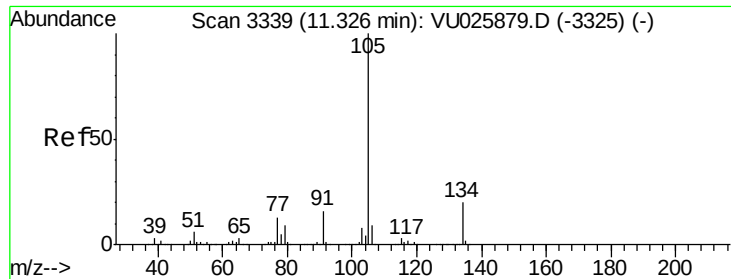
Tgt Ion:105 Resp: 416330

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.8

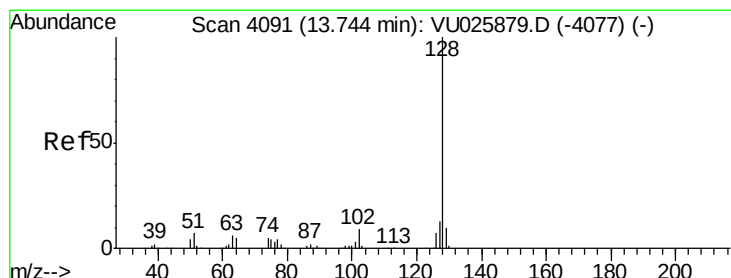
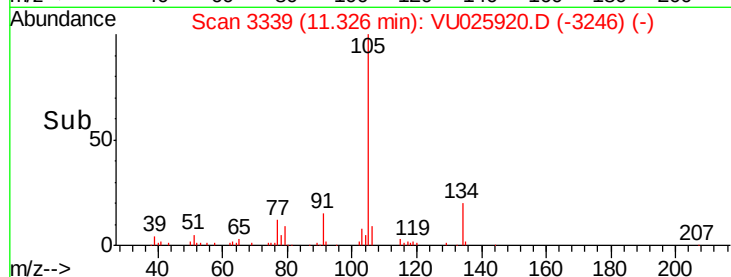
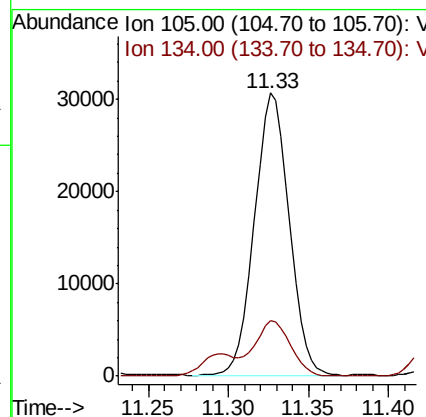
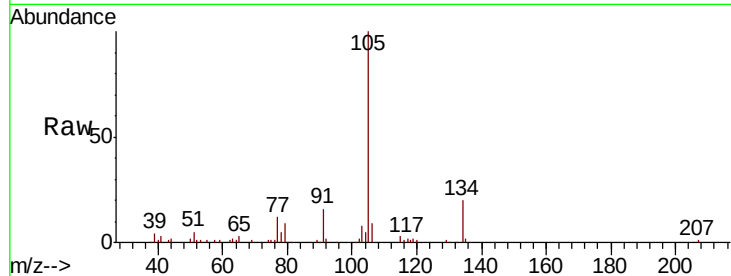




#85
 sec-Butylbenzene
 Concen: 3.20 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025920.D
 Acq: 07 Aug 2018 05:25

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0528

Tot Ion:105 Resp: 45841
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8



#95
 Naphthalene
 Concen: 10.88 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025920.D
 Acq: 07 Aug 2018 05:25

Tgt Ion:128 Resp: 149168
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.5 15.7
 129 11.8 8.3 12.5

