

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027576.D
 Acq On : 10 Oct 2018 17:33
 Operator : MD/SY
 Sample : J5326-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PIT-5

Quant Time: Oct 11 05:36:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	165411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272455	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	233611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	97658	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	112660	40.79	ug/l	0.00
Spiked Amount			Recovery	=	81.58%	
35) Dibromofluoromethane	4.88	113	86440	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
50) Toluene-d8	7.57	98	333683	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	
62) 4-Bromofluorobenzene	10.31	95	106642	41.06	ug/l	0.00
Spiked Amount			Recovery	=	82.12%	

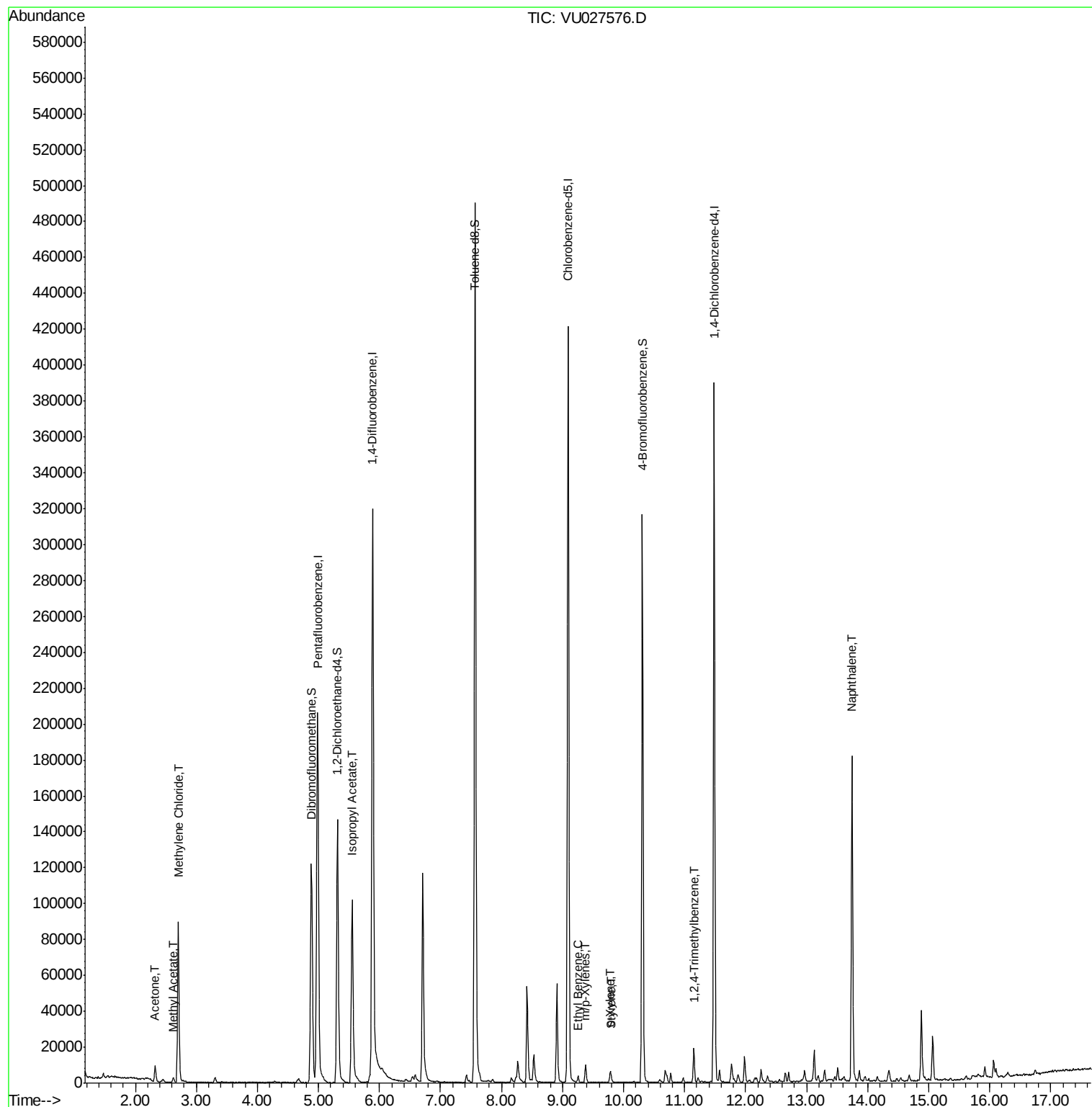
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	9945	6.095	ug/l	95
18) Methyl Acetate	2.62	43	3396	0.912	ug/l	95
20) Methylene Chloride	2.70	84	37927	16.687	ug/l	94
43) Isopropyl Acetate	5.55	43	126190	21.252	ug/l	99
67) Ethyl Benzene	9.25	91	3071	0.352	ug/l	99
68) m/p-Xylenes	9.38	106	2939	0.922	ug/l	94
69) o-Xylene	9.78	106	1369	0.452	ug/l	91
70) Styrene	9.80	104	1222	2.505	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	10591	1.795	ug/l	99
95) Naphthalene	13.74	128	140882	20.108	ug/l	100

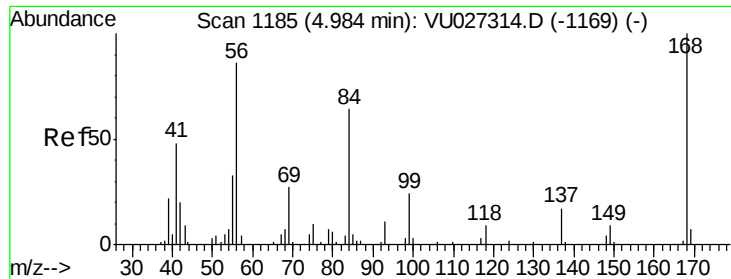
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027576.D

Acq: 10 Oct 2018 17:33

Instrument :

MSVOA_U

ClientSampleId :

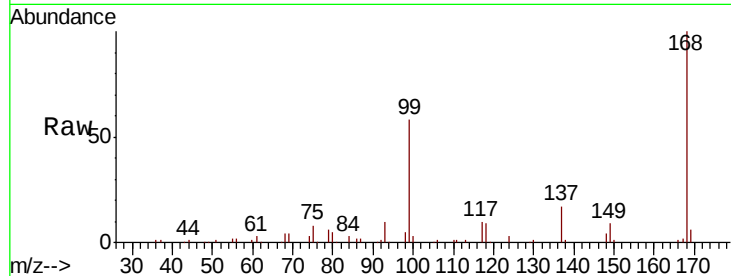
FL-PIT-5

Tot Ion:168 Resp: 165411

Ion Ratio Lower Upper

168 100

99 57.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027576.D (-1092) (-)

4.99

80000

60000

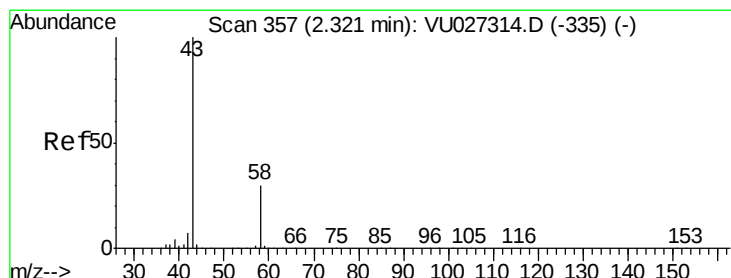
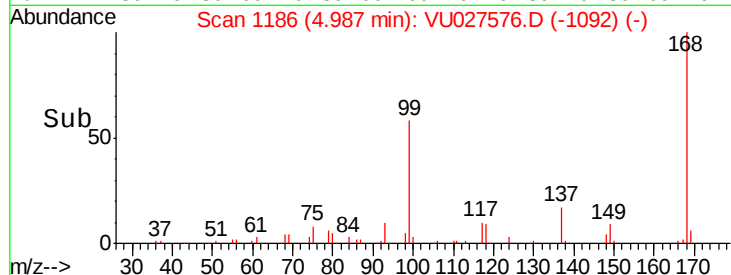
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 6.095 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027576.D

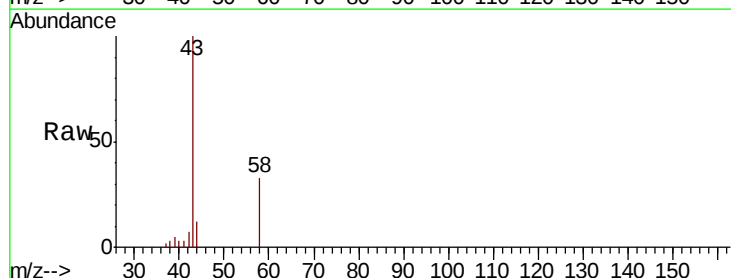
Acq: 10 Oct 2018 17:33

Tgt Ion: 43 Resp: 9945

Ion Ratio Lower Upper

43 100

58 32.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027576.D (-264) (-)

2.32

6000

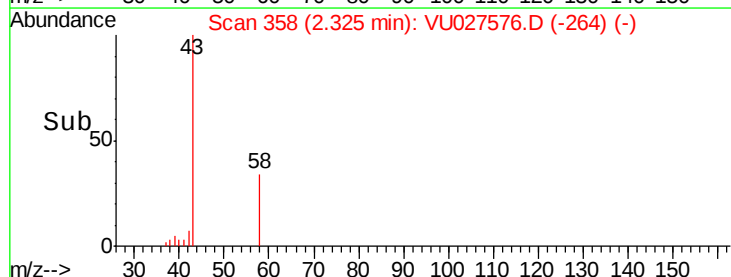
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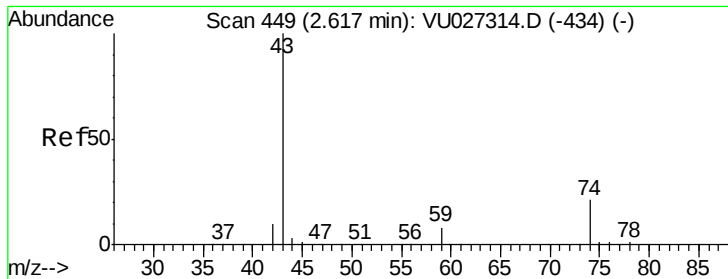
2000

0

2.25 2.30 2.35 2.40

Time-->

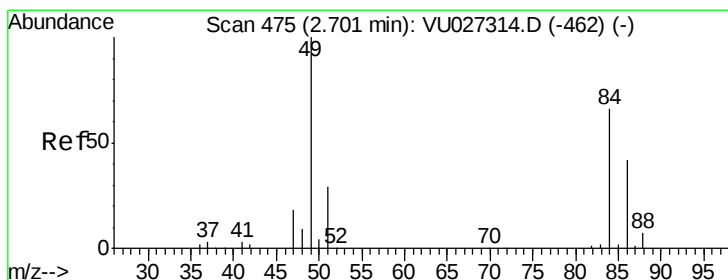
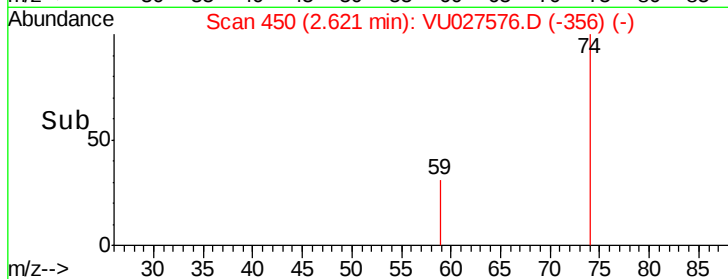
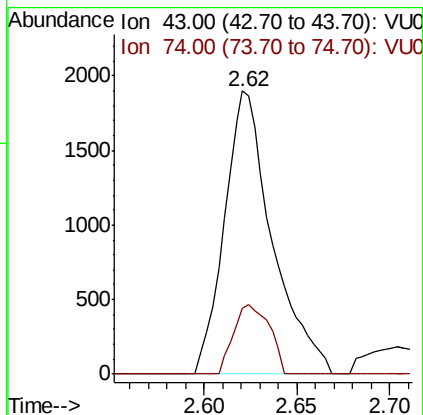
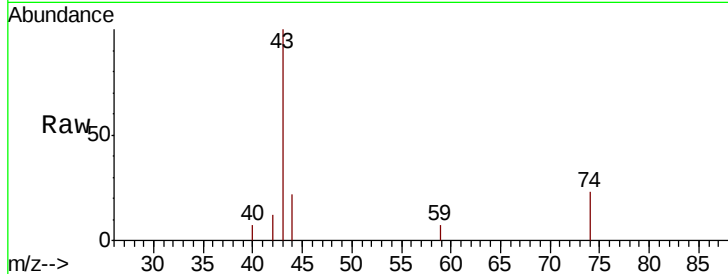




#18
Methvl Acetate
Concen: 0.912 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

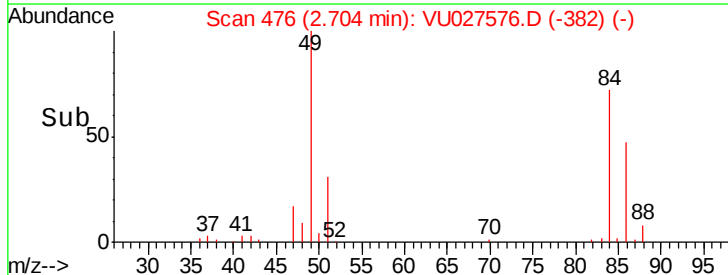
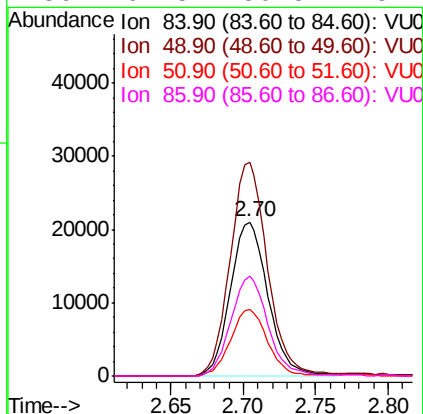
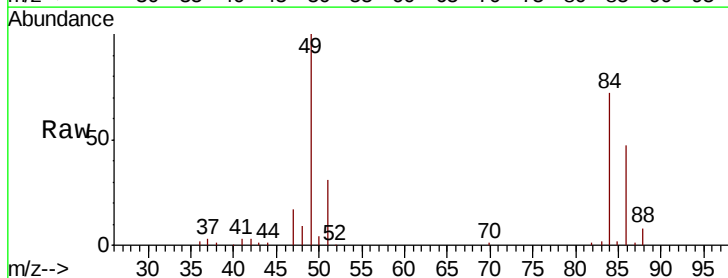
Instrument :
MSVOA_U
ClientSampleId :
FL-PIT-5

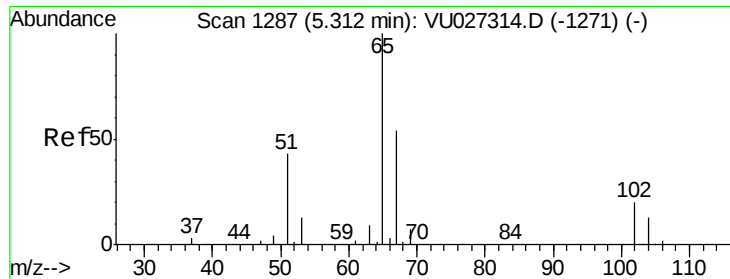
Tot Ion: 43 Resp: 3396
Ion Ratio Lower Upper
43 100
74 18.4 16.5 24.7



#20
Methylene Chloride
Concen: 16.687 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

Tgt Ion: 84 Resp: 37927
Ion Ratio Lower Upper
84 100
49 138.7 120.5 180.7
51 43.1 35.1 52.7
86 64.5 50.5 75.7

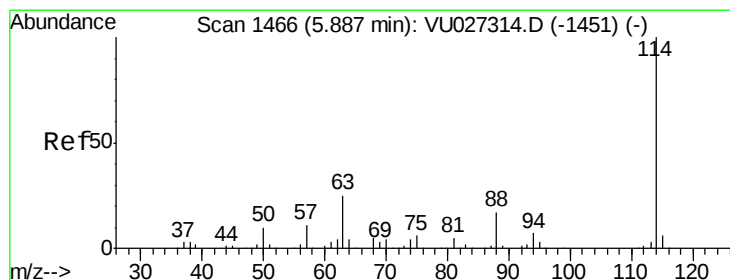
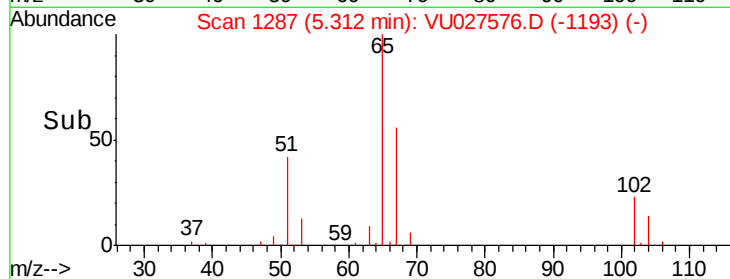
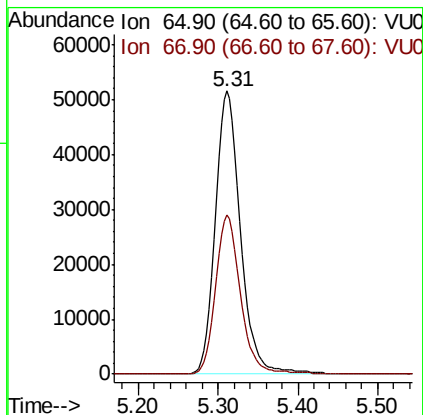
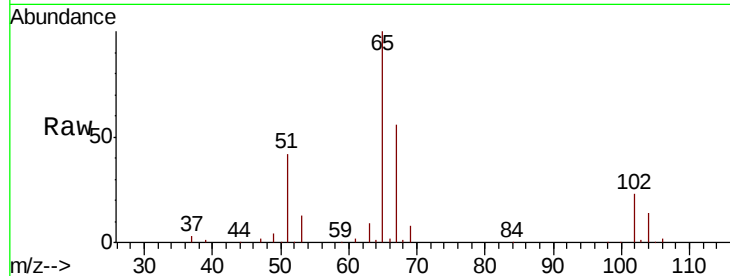




#33
 1,2-Dichloroethane-d4
 Concen: 40.788 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027576.D
 Acq: 10 Oct 2018 17:33

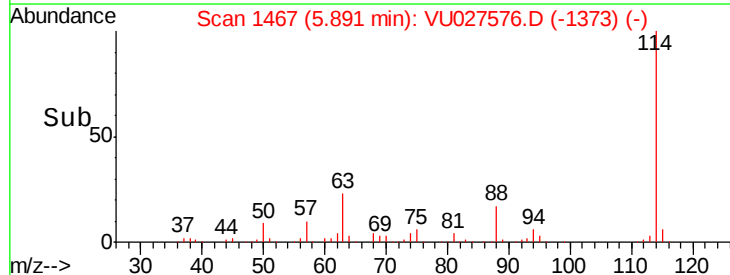
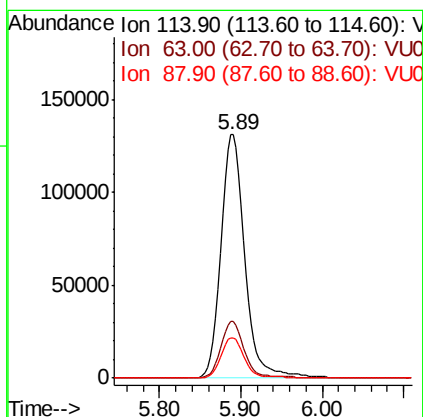
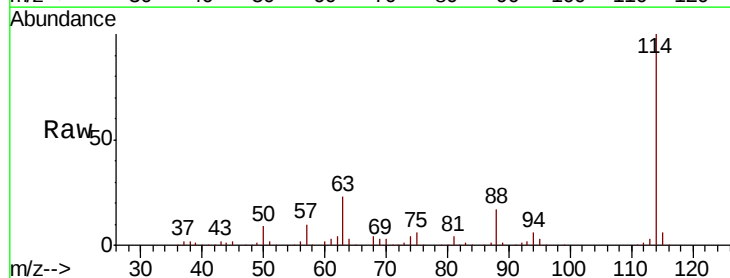
Instrument :
 MSVOA_U
 ClientSampled :
 FL-PIT-5

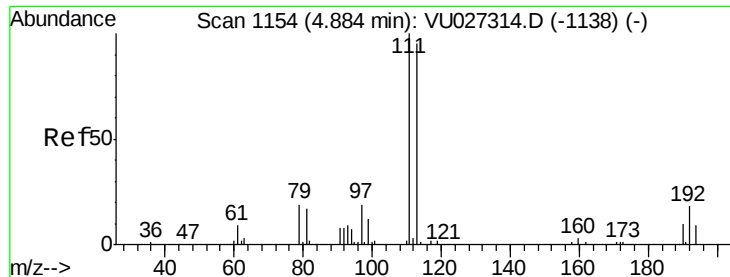
Tot Ion: 65 Resp: 112660
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027576.D
 Acq: 10 Oct 2018 17:33

Tgt Ion: 114 Resp: 272455
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 50.2
 88 16.5 0.0 33.8

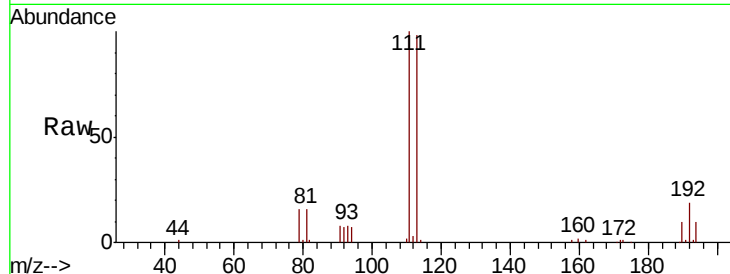




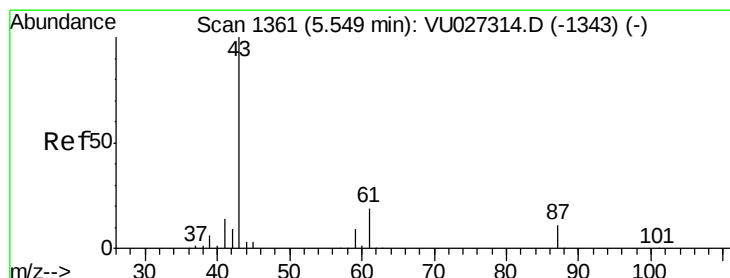
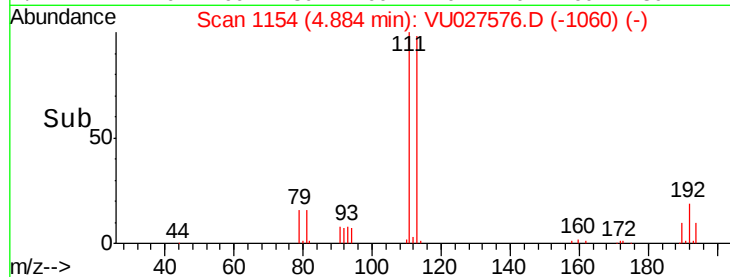
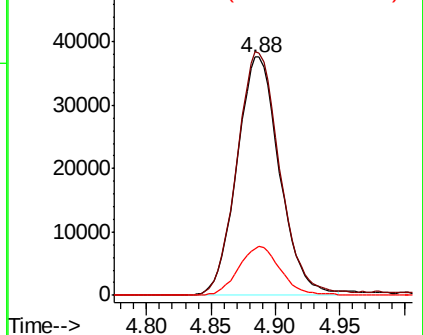
#35
 Dibromofluoromethane
 Concen: 46.293 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027576.D
 Acq: 10 Oct 2018 17:33

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PIT-5

Tot Ion:113 Resp: 86440
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.1 124.7
 192 20.2 15.4 23.0

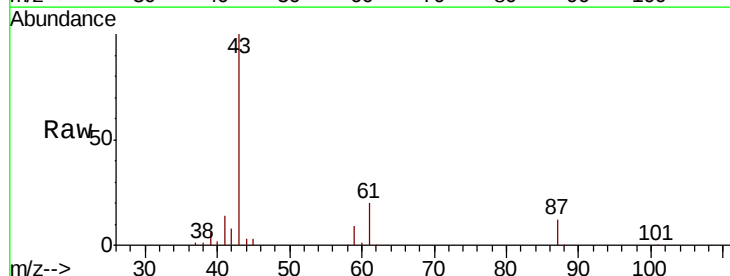


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

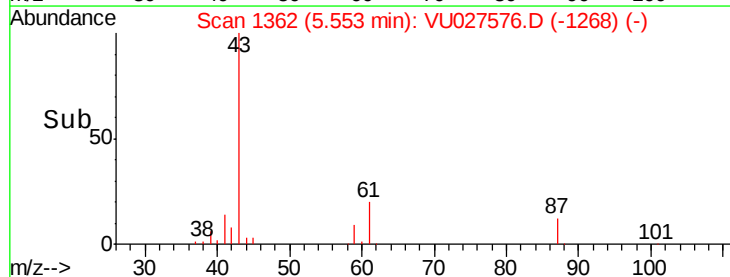
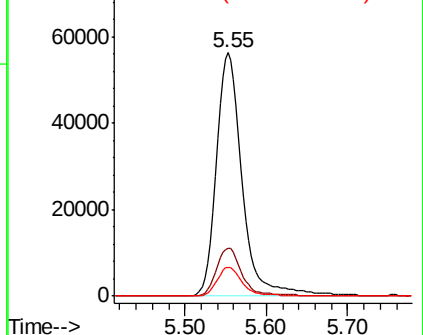


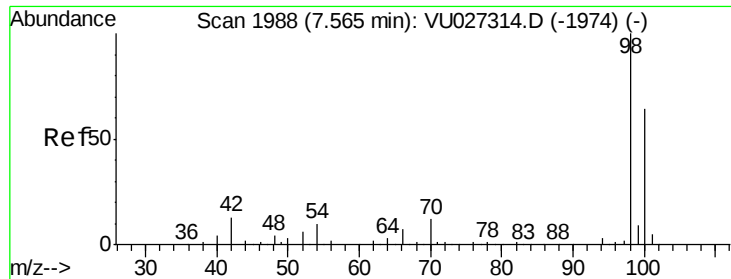
#43
 Isopropyl Acetate
 Concen: 21.252 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU027576.D
 Acq: 10 Oct 2018 17:33

Tgt Ion: 43 Resp: 126190
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.3 22.9
 87 11.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0

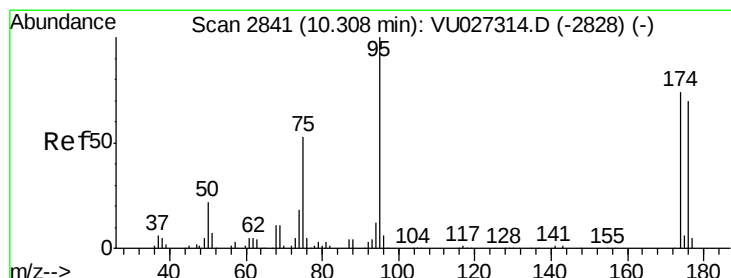
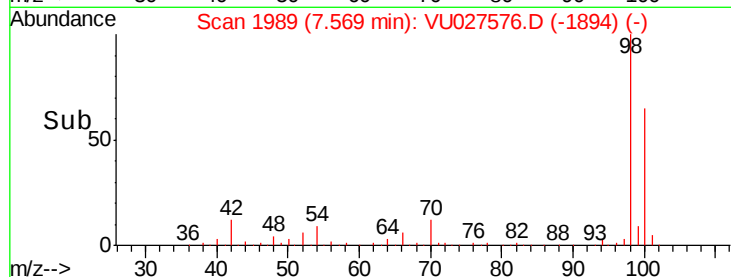
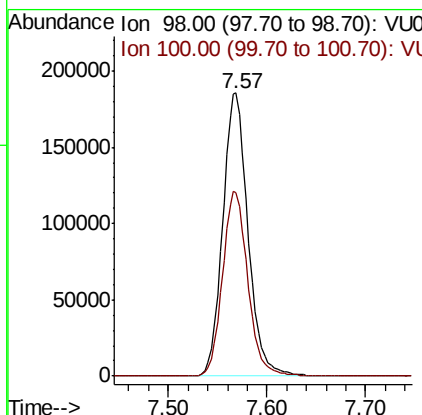
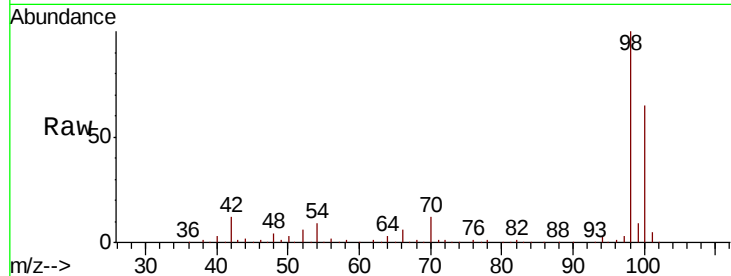




#50
Toluene-d8
Concen: 47.748 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

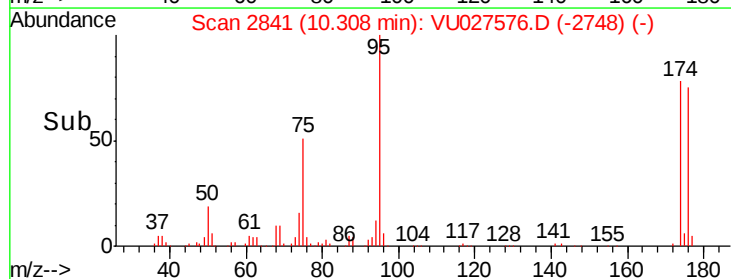
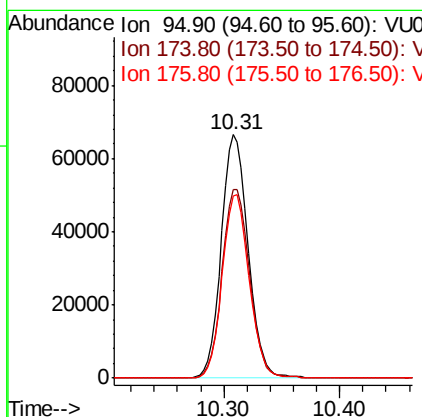
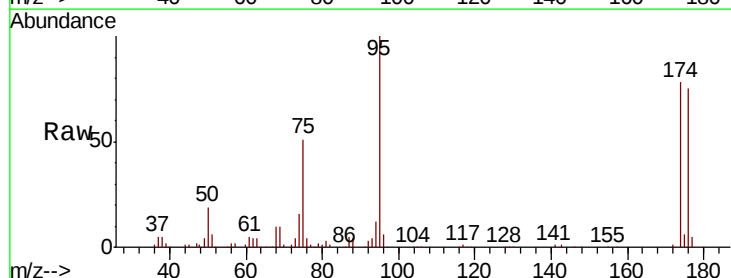
Instrument :
MSVOA_U
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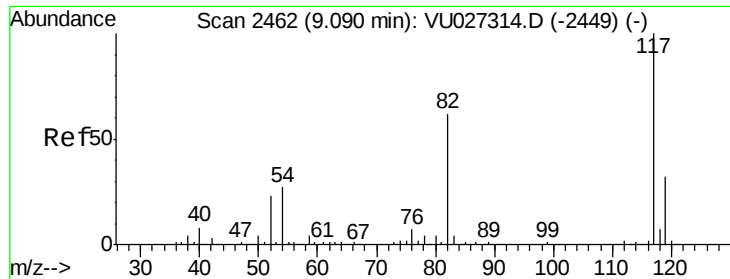
Tot Ion: 98 Resp: 333683
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.061 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

Tgt Ion: 95 Resp: 106642
Ion Ratio Lower Upper
95 100
174 79.3 0.0 147.8
176 75.8 0.0 140.8

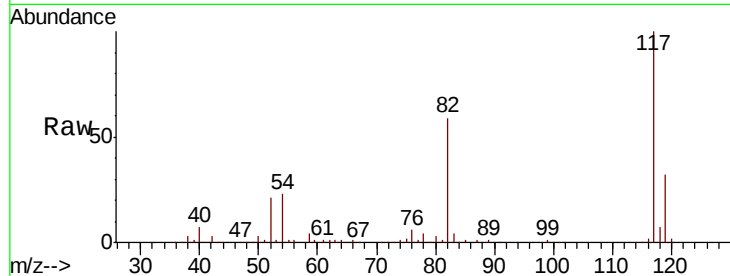




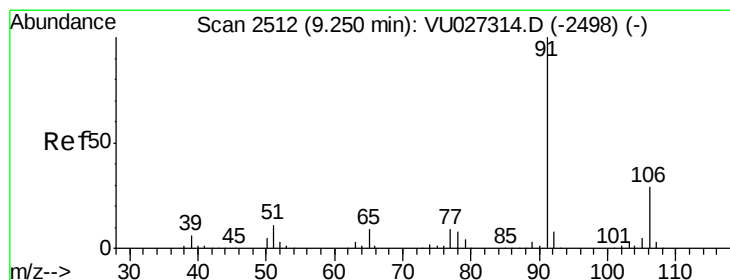
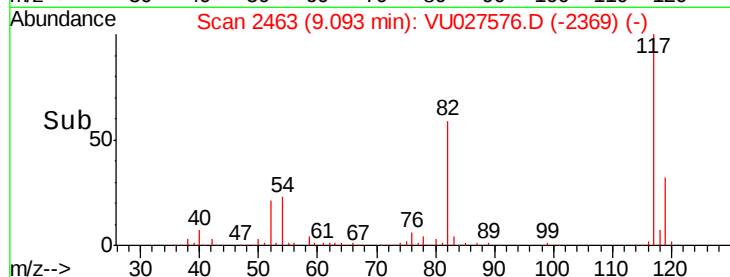
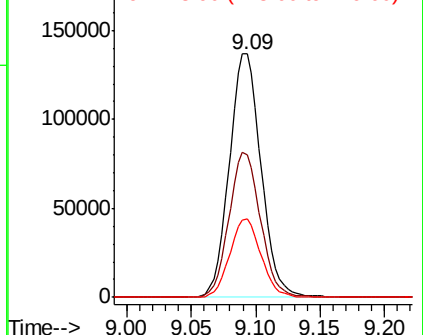
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

Instrument :
MSVOA_U
ClientSampleId :
FL-PIT-5

Tot Ion:117 Resp: 233611
Ion Ratio Lower Upper
117 100
82 58.7 49.2 73.8
119 32.1 25.7 38.5

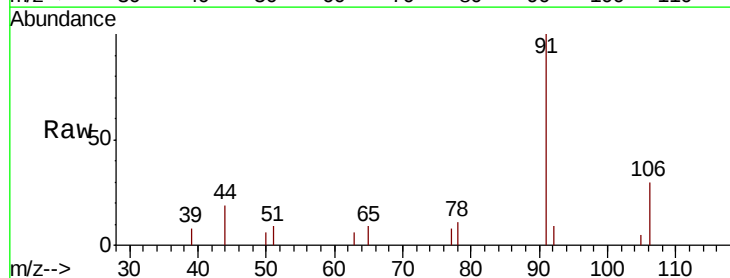


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

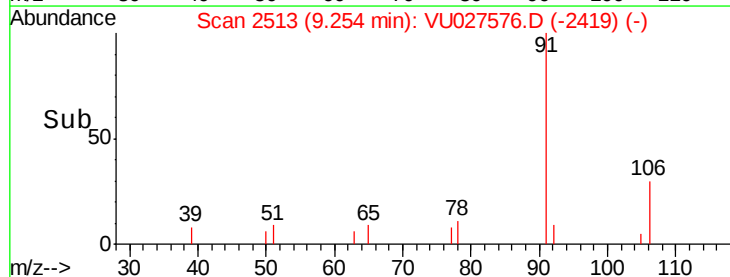
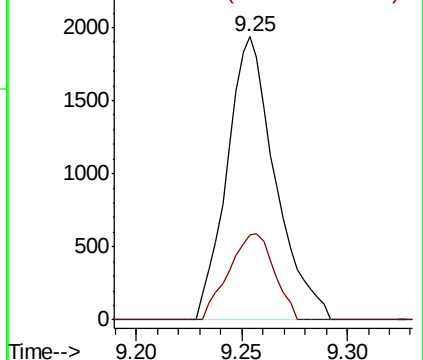


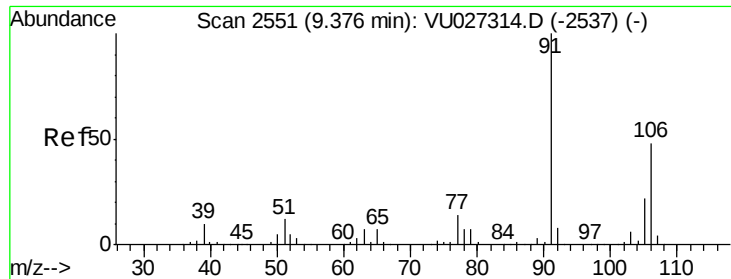
#67
Ethyl Benzene
Concen: 0.352 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

Tgt Ion: 91 Resp: 3071
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4



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

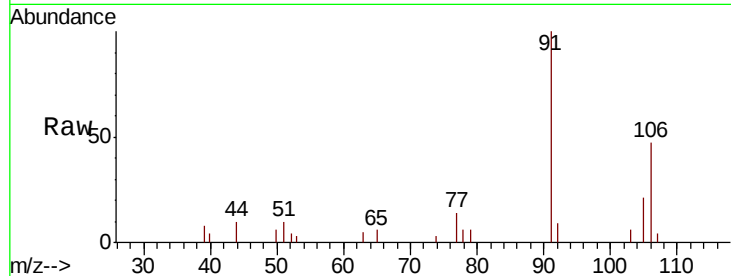




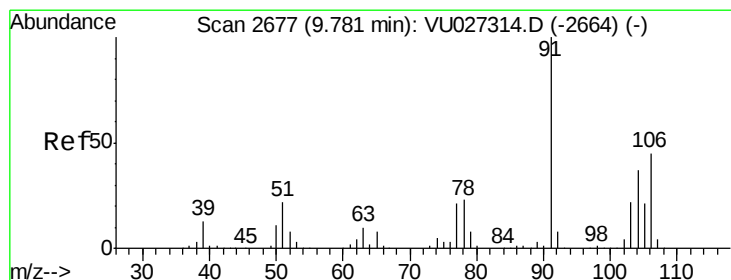
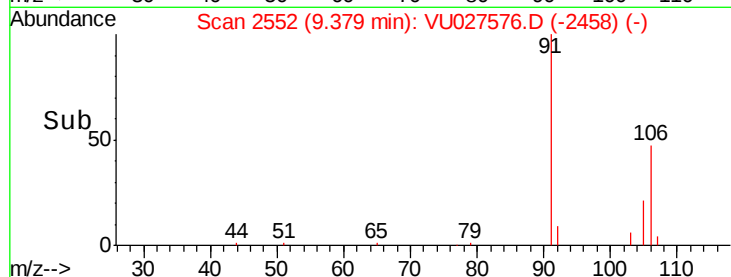
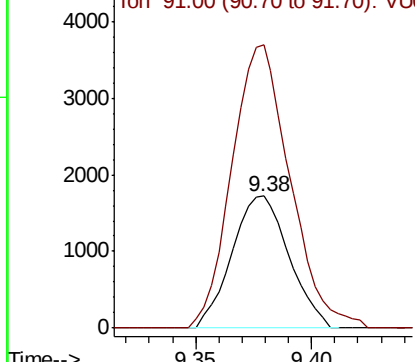
#68
m/p-Xylenes
Concen: 0.922 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

Instrument :
MSVOA_U
ClientSampleId :
FL-PIT-5

Tot Ion:106 Resp: 2939
Ion Ratio Lower Upper
106 100
91 219.4 168.1 252.1

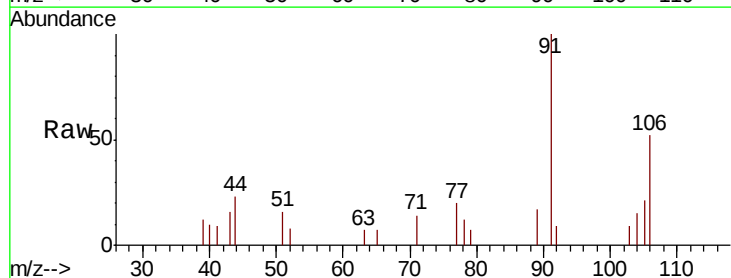


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

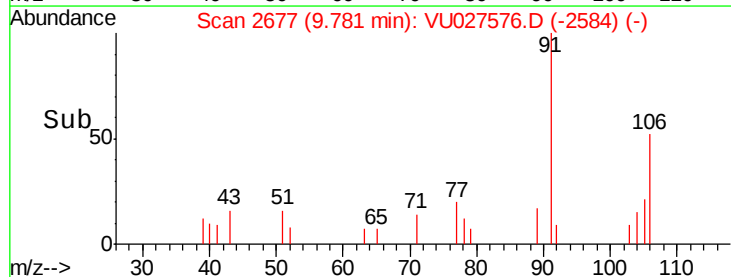
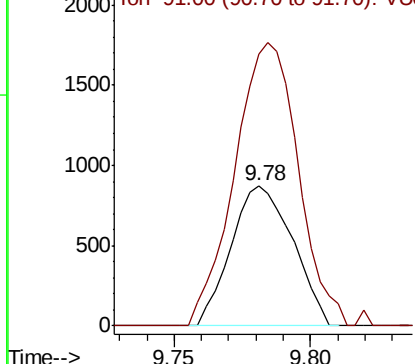


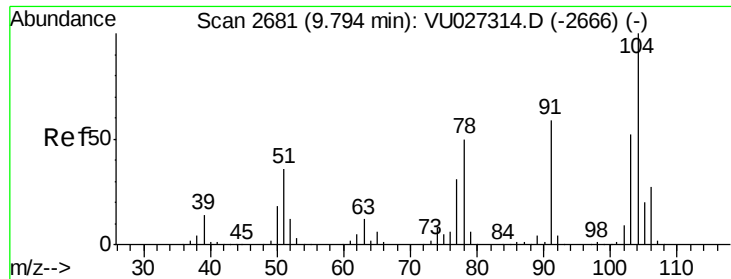
#69
o-Xylene
Concen: 0.452 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

Tgt Ion:106 Resp: 1369
Ion Ratio Lower Upper
106 100
91 208.3 111.7 334.9



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

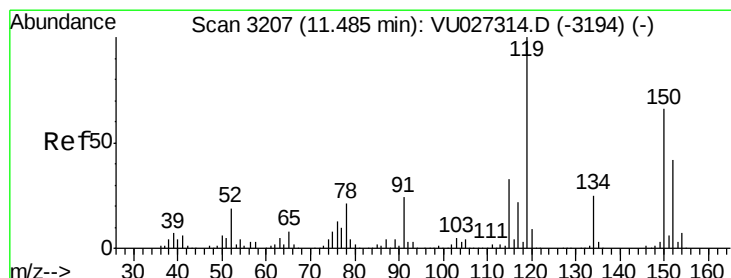
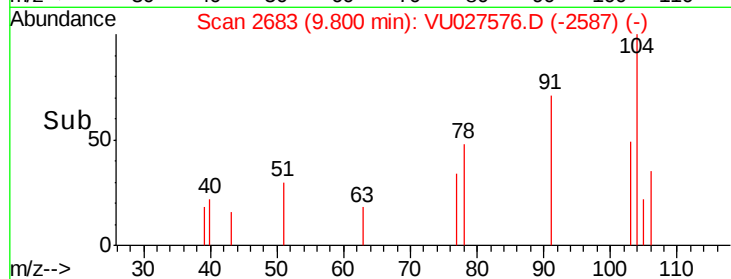
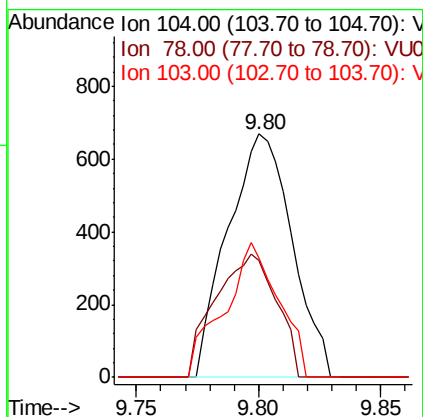
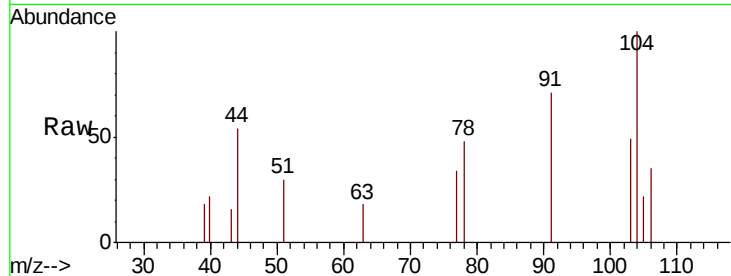




#70
Stvrene
Concen: 2.505 ug/l
RT: 9.80 min Scan# 2683
Delta R.T. 0.01 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

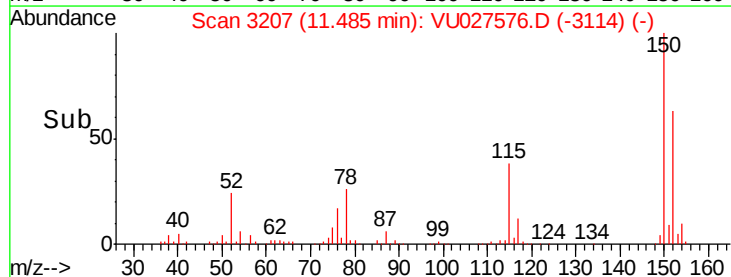
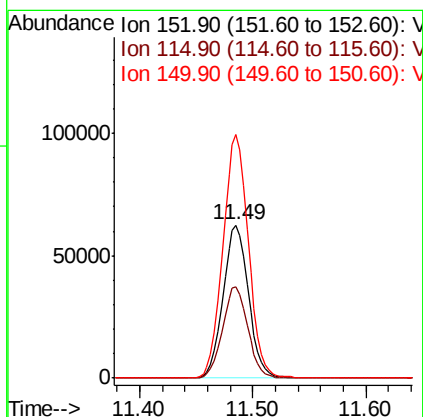
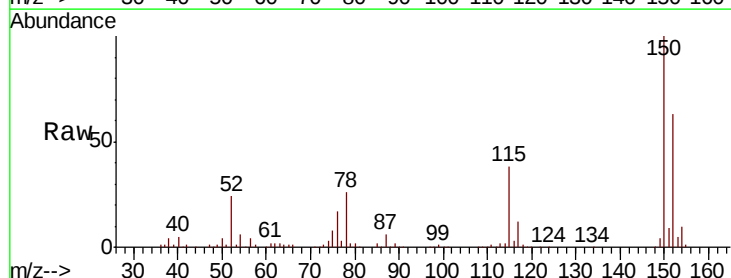
Instrument :
MSVOA_U
ClientSampleId :
FL-PIT-5

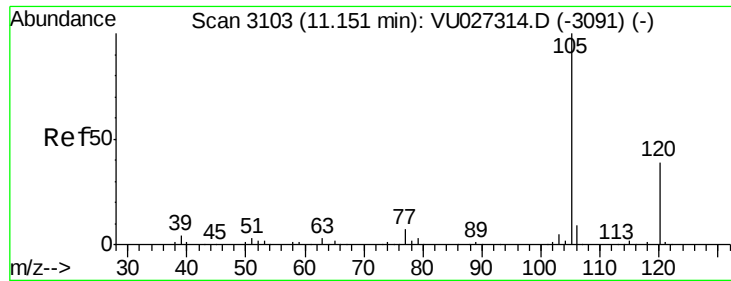
Tot Ion:104 Resp: 1222
Ion Ratio Lower Upper
104 100
78 48.3 42.9 64.3
103 46.9 43.9 65.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027576.D
Acq: 10 Oct 2018 17:33

Tgt Ion:152 Resp: 97658
Ion Ratio Lower Upper
152 100
115 59.3 43.4 130.2
150 159.5 0.0 349.2

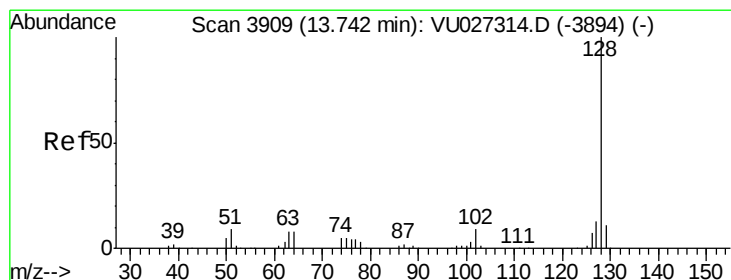
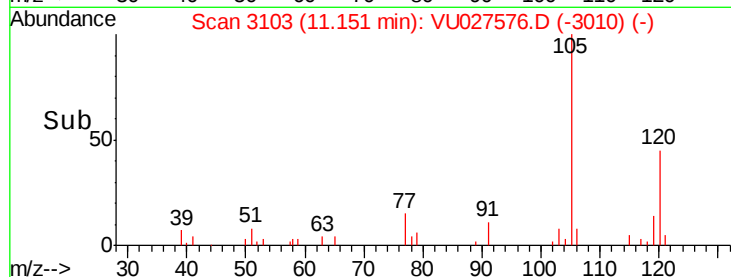
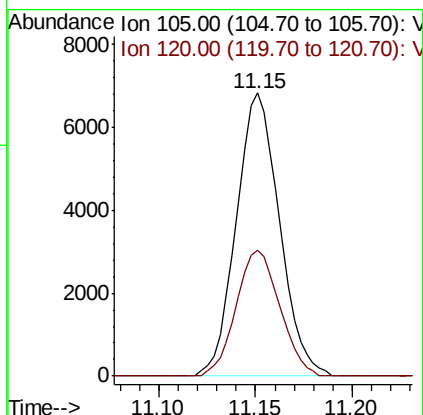
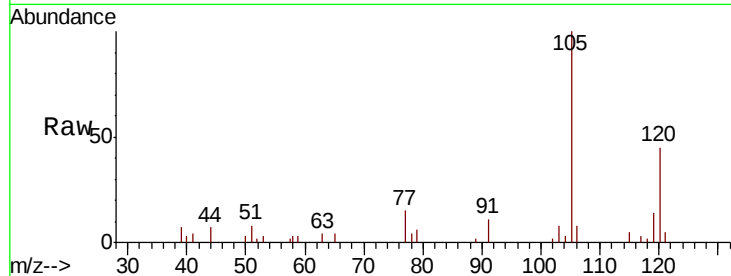




#84
 1,2,4-Trimethylbenzene
 Concen: 1.795 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027576.D
 Acq: 10 Oct 2018 17:33

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-PIT-5

Tot Ion:105 Resp: 10591
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5



#95
 Naphthalene
 Concen: 20.108 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU027576.D
 Acq: 10 Oct 2018 17:33

Tgt Ion:128 Resp: 140882
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.5 15.7
 129 10.7 8.6 12.8

