

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100618\
 Data File : VU027473.D
 Acq On : 05 Oct 2018 23:02
 Operator : MD/SY
 Sample : J5268-07 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NW-3

Quant Time: Oct 06 02:20:27 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

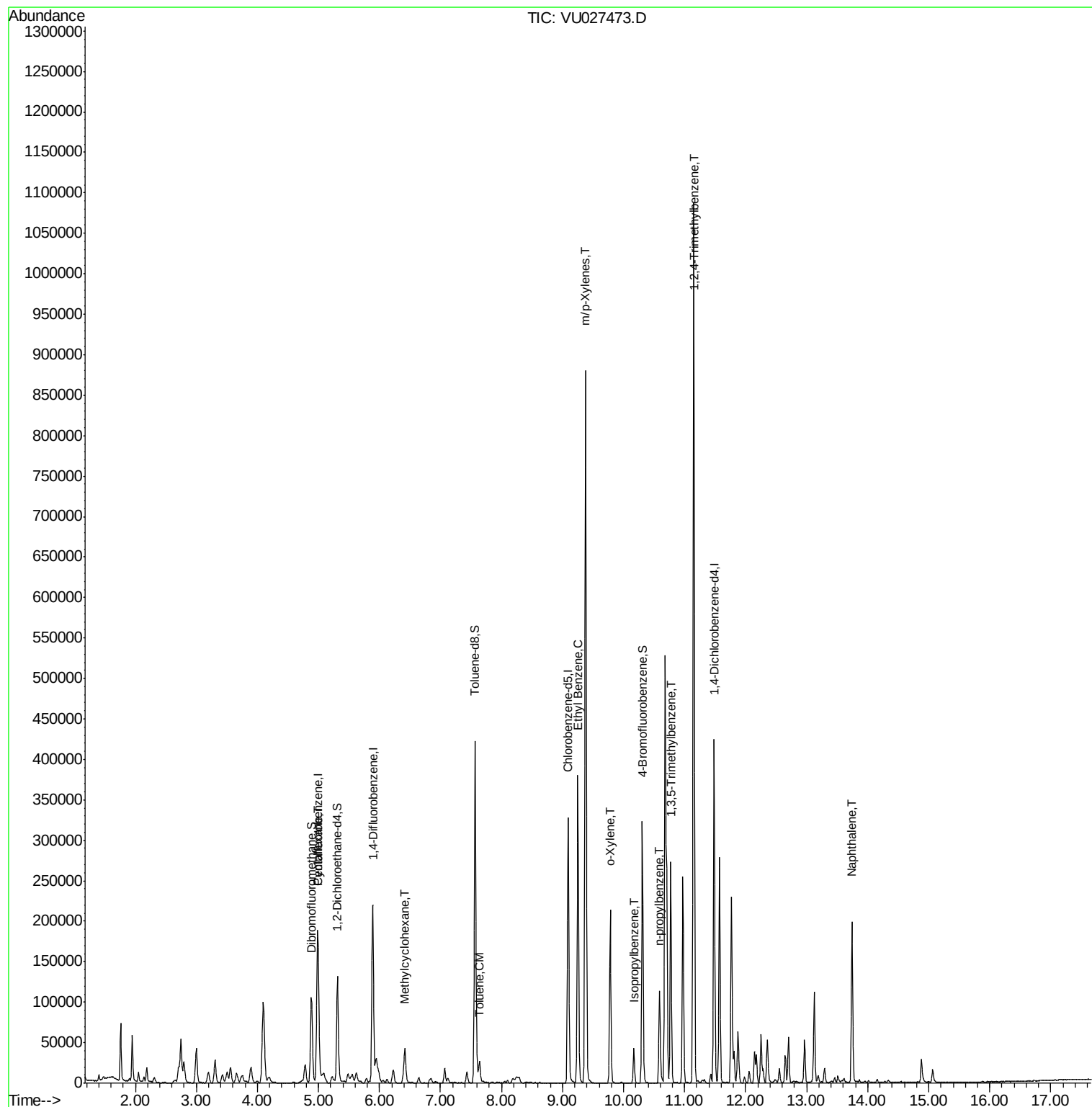
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	104094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	184822	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	176352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	101158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	100766	57.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.94%	
35) Dibromofluoromethane	4.89	113	71763	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
50) Toluene-d8	7.57	98	284025	59.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.82%	
62) 4-Bromofluorobenzene	10.31	95	106769	60.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.20%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.00	56	35006	12.378	ug/l	97
39) Methylcyclohexane	6.42	83	15058	6.419	ug/l	93
52) Toluene	7.64	92	10847	3.135	ug/l	97
67) Ethyl Benzene	9.25	91	265737	40.405	ug/l	99
68) m/p-Xylenes	9.38	106	238780	99.257	ug/l	99
69) o-Xylene	9.78	106	54260	23.735	ug/l	98
73) Isopropylbenzene	10.17	105	27522	3.746	ug/l	100
78) n-propylbenzene	10.59	91	87551	9.917	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	144306	24.125	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	573387	93.842	ug/l	99
95) Naphthalene	13.74	128	147492	20.305	ug/l	100

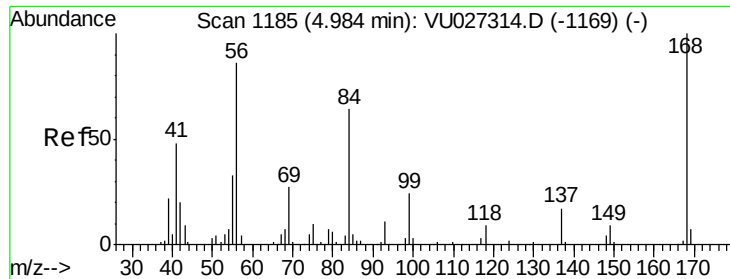
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

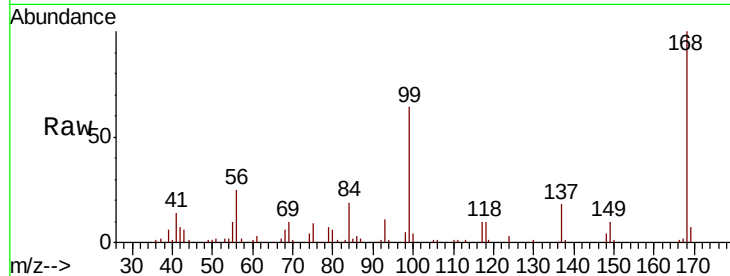
NW-3

Tot Ion:168 Resp: 104094

Ion Ratio Lower Upper

168 100

99 63.9 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

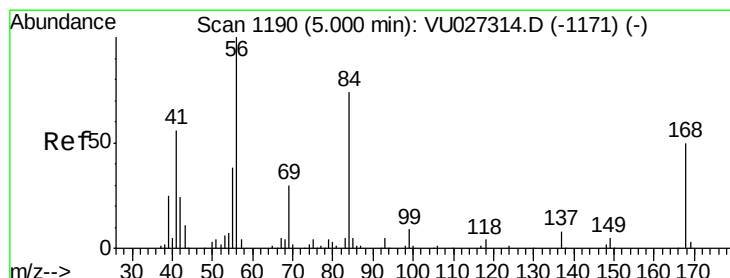
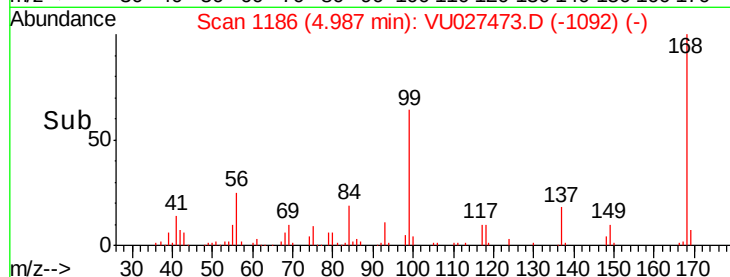
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#31

Cyclohexane

Concen: 12.378 ug/l

RT: 5.00 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

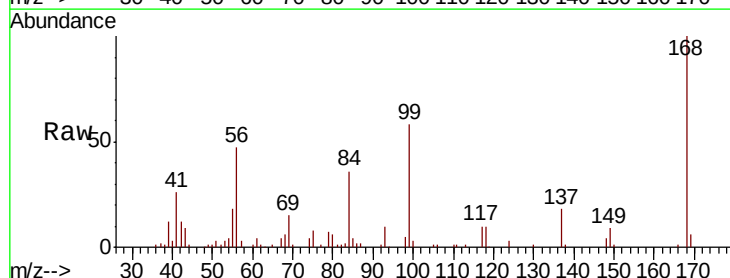
Tgt Ion: 56 Resp: 35006

Ion Ratio Lower Upper

56 100

69 31.4 24.1 36.1

84 76.6 59.1 88.7



Abundance Ion 56.00 (55.70 to 56.70): VU027314.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU027314.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU027314.D (-1171) (-)

5.00

15000

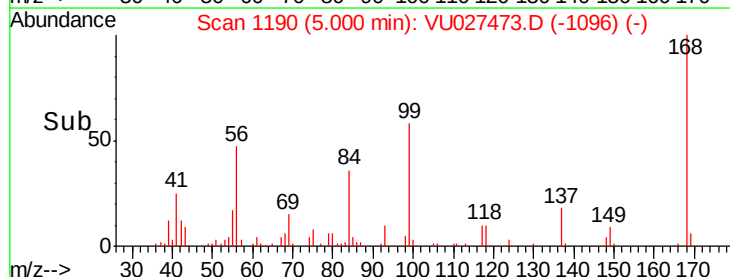
10000

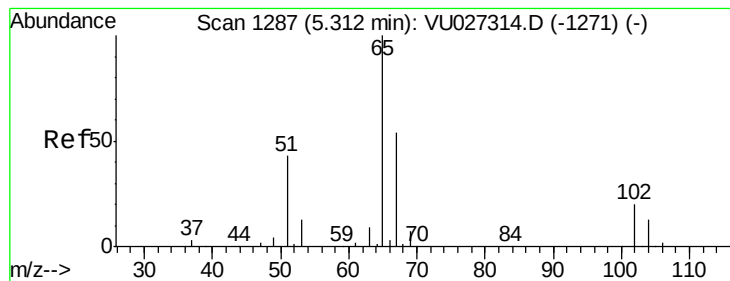
5000

0

4.90 4.95 5.00 5.05

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.972 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampled :

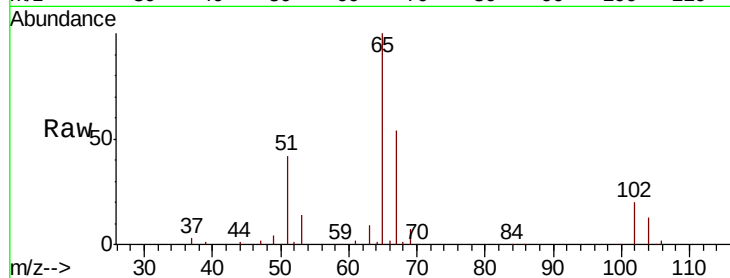
NW-3

Tot Ion: 65 Resp: 100766

Ion Ratio Lower Upper

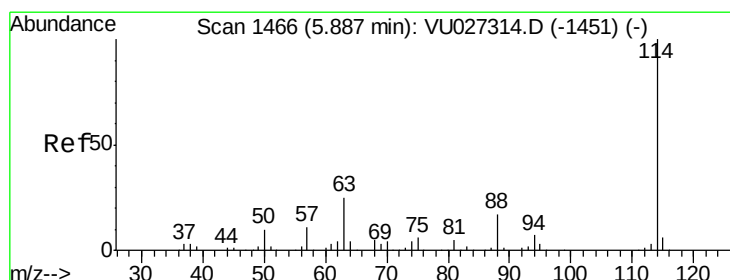
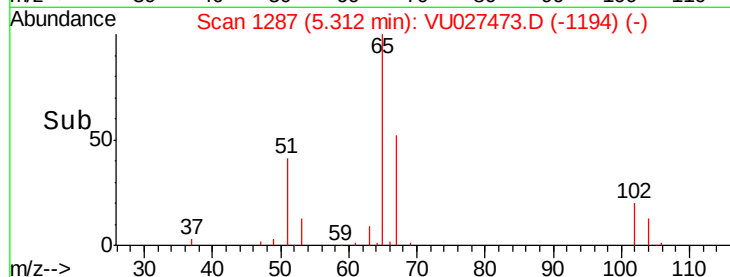
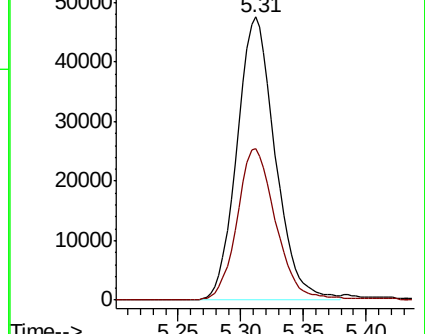
65 100

67 55.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

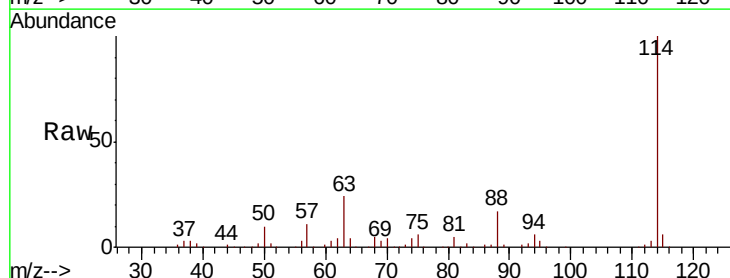
Tgt Ion: 114 Resp: 184822

Ion Ratio Lower Upper

114 100

63 24.2 0.0 50.2

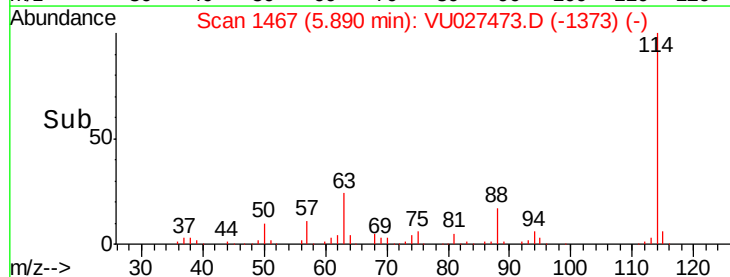
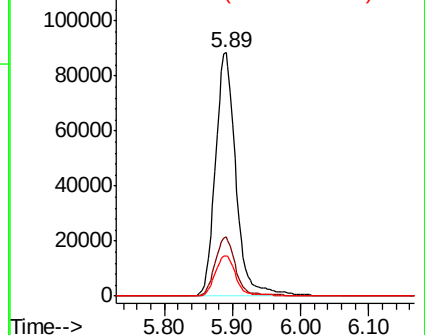
88 16.7 0.0 33.8

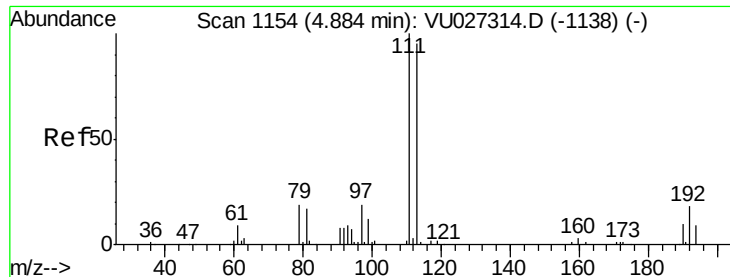


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

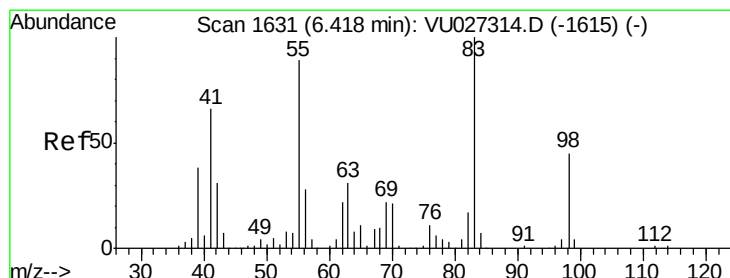
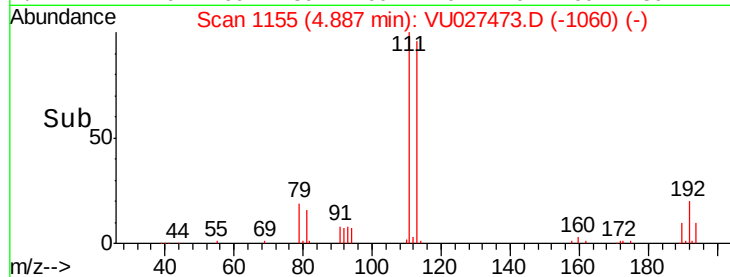
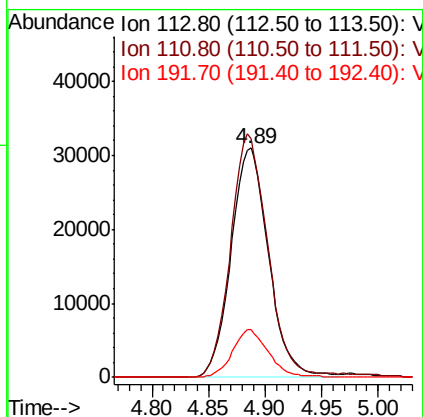
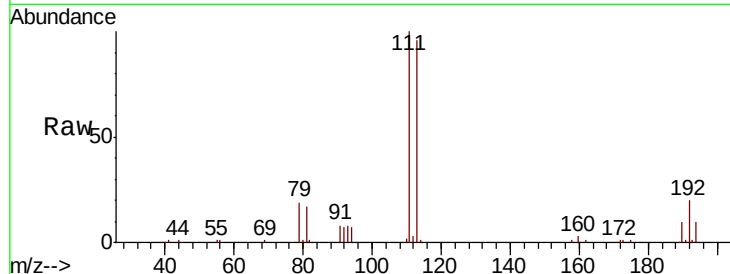




#35
 Dibromofluoromethane
 Concen: 56.656 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

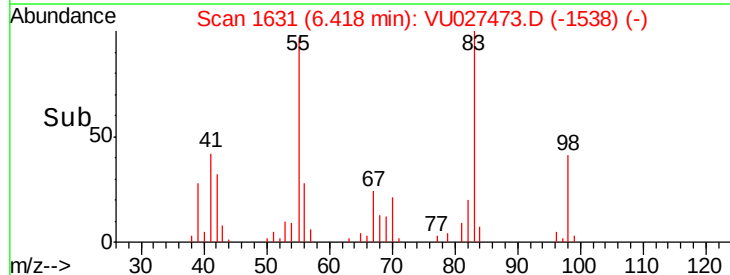
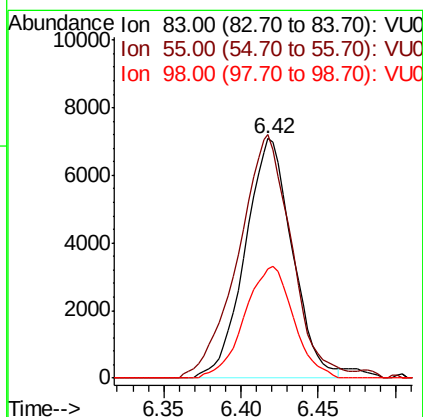
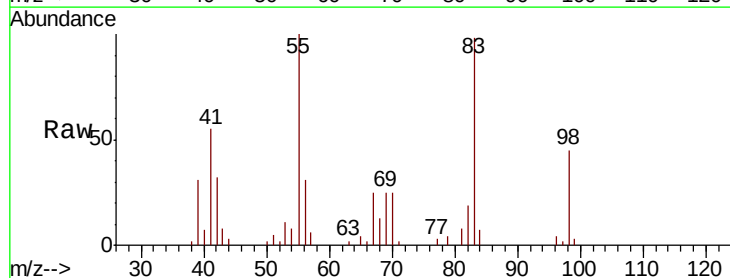
Instrument :
 MSVOA_U
 ClientSampleId :
 NW-3

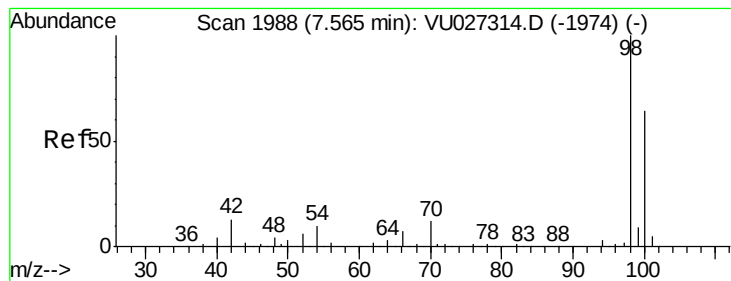
Tot Ion:113 Resp: 71763
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.1 124.7
 192 19.8 15.4 23.0



#39
 Methylcyclohexane
 Concen: 6.419 ug/l
 RT: 6.42 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Tgt Ion: 83 Resp: 15058
 Ion Ratio Lower Upper
 83 100
 55 99.0 71.1 106.7
 98 45.7 36.3 54.5





#50

Toluene-d8

Concen: 59.913 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampled :

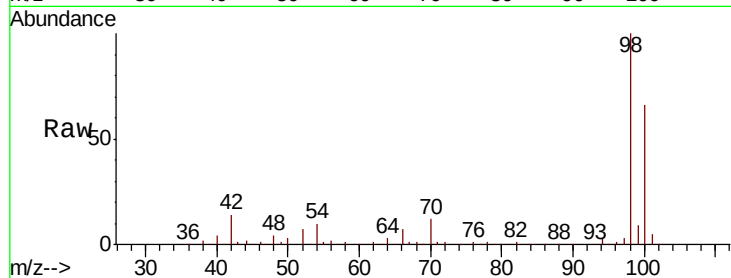
NW-3

Tot Ion: 98 Resp: 284025

Ion Ratio Lower Upper

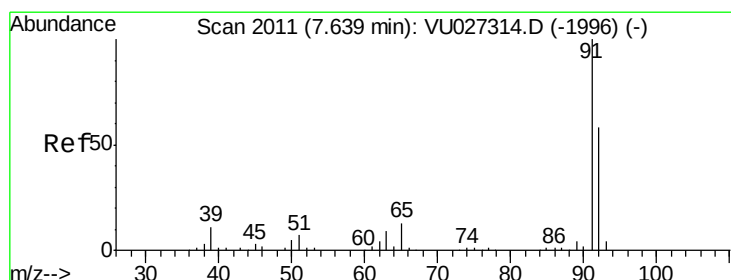
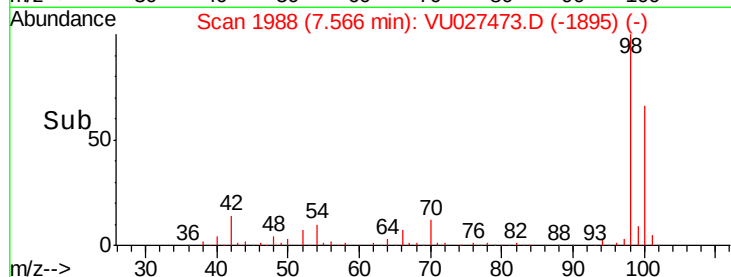
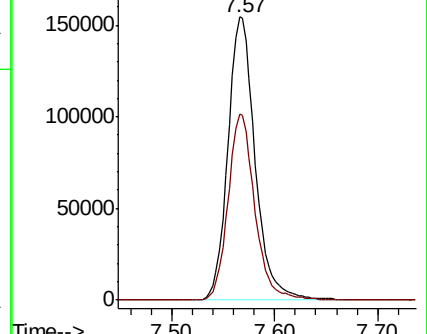
98 100

100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU



#52

Toluene

Concen: 3.135 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027473.D

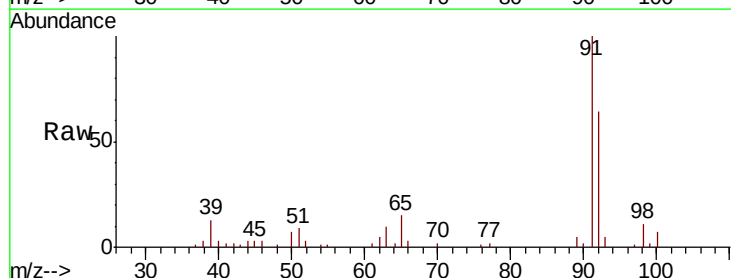
Acq: 05 Oct 2018 23:02

Tgt Ion: 92 Resp: 10847

Ion Ratio Lower Upper

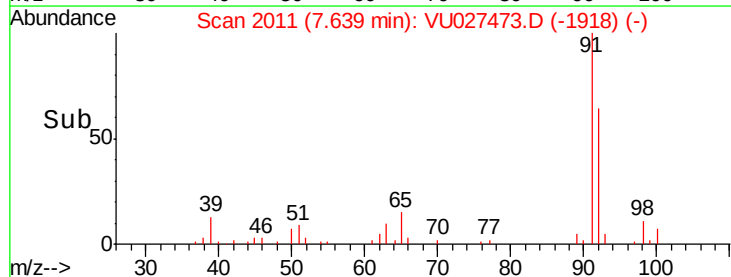
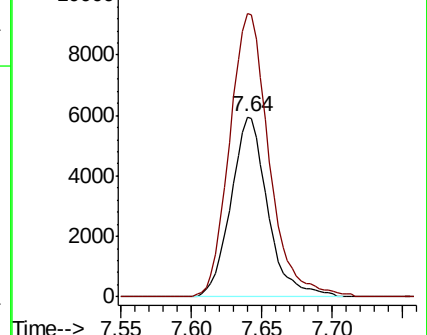
92 100

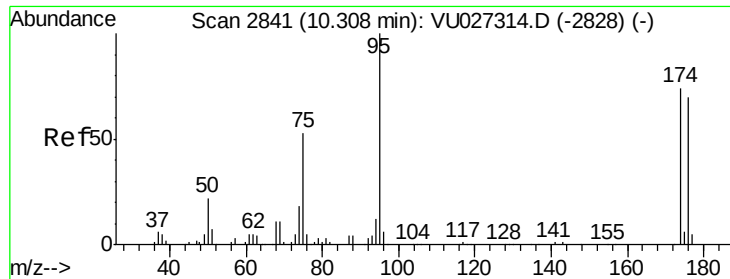
91 169.2 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

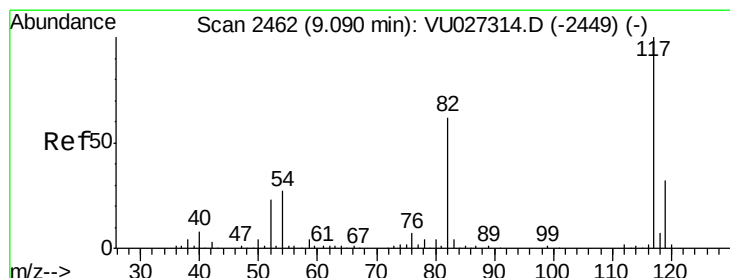
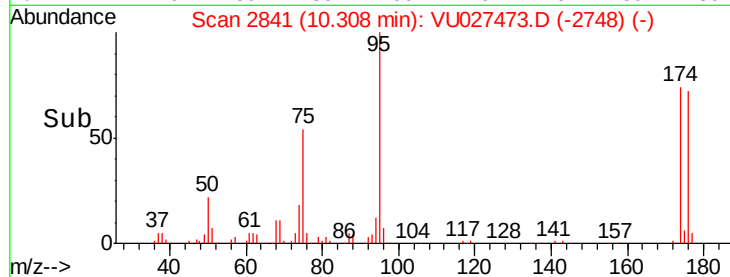
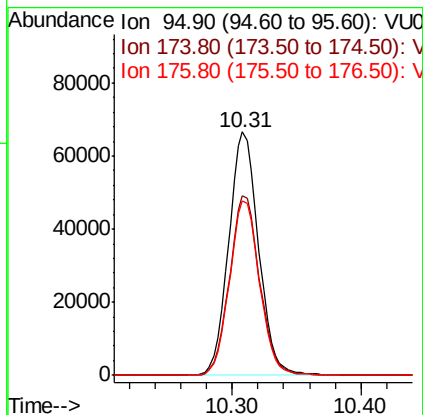
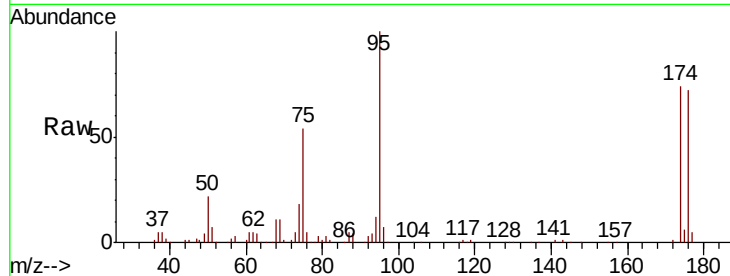




#62
 4-Bromofluorobenzene
 Concen: 60.602 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

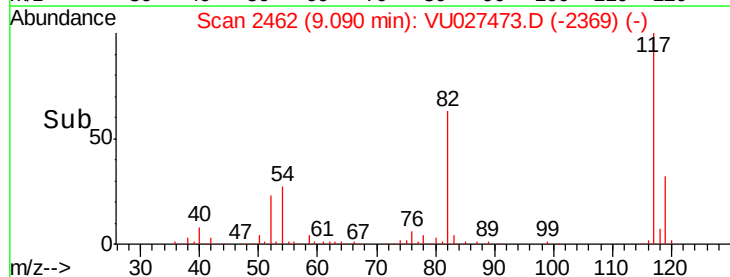
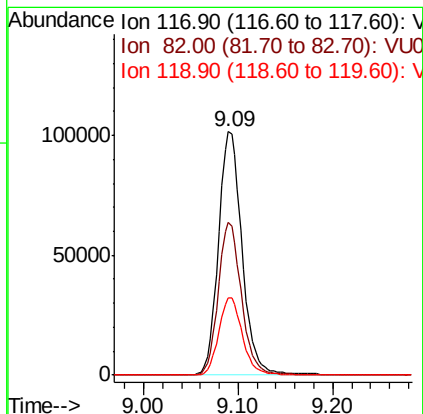
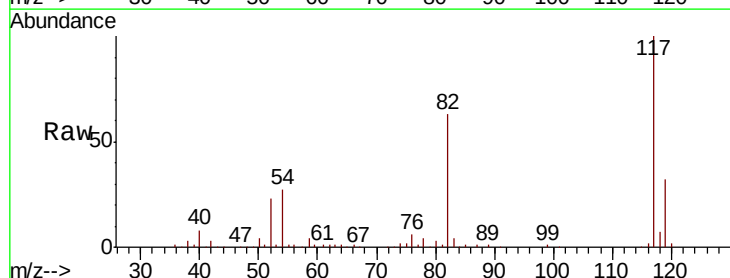
Instrument :
 MSVOA_U
 ClientSampleId :
 NW-3

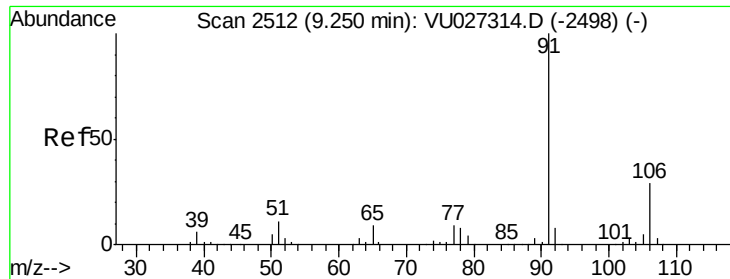
Tot Ion: 95 Resp: 106769
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 147.8
 176 72.3 0.0 140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Tgt Ion: 117 Resp: 176352
 Ion Ratio Lower Upper
 117 100
 82 62.9 49.2 73.8
 119 31.8 25.7 38.5

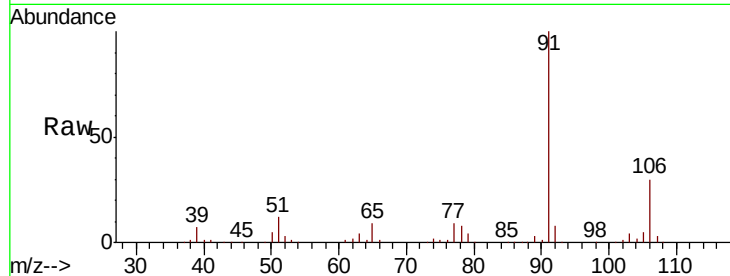




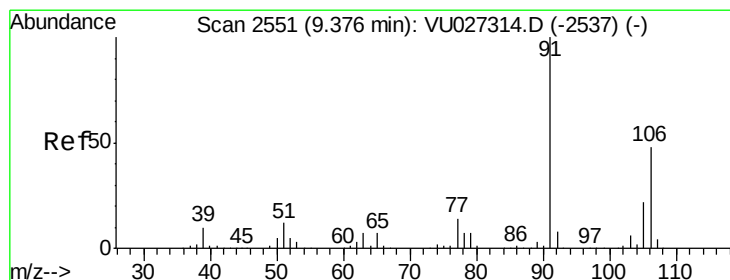
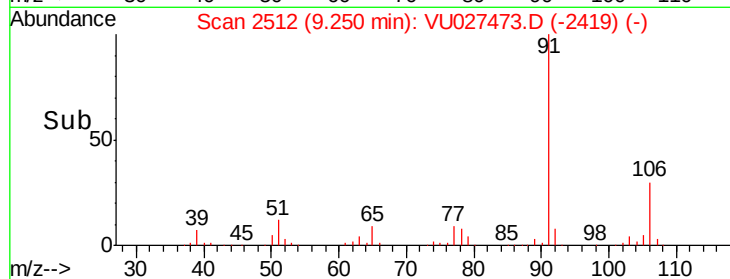
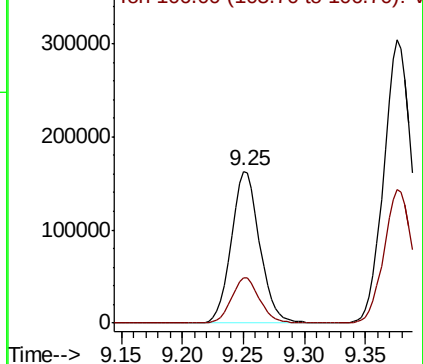
#67
Ethyl Benzene
Concen: 40.405 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampleId :
NW-3

Tot Ion: 91 Resp: 265737
Ion Ratio Lower Upper
91 100
106 29.9 23.6 35.4

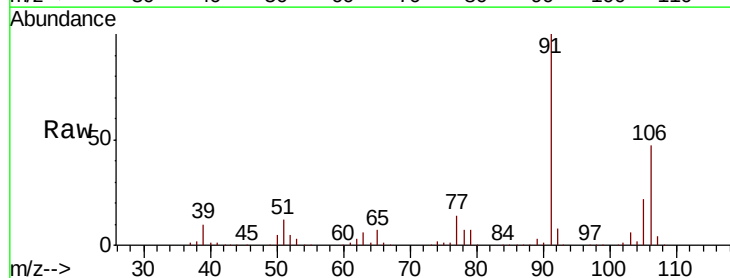


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2498) (-)
Ion 106.00 (105.70 to 106.70): VU027314.D (-2498) (-)

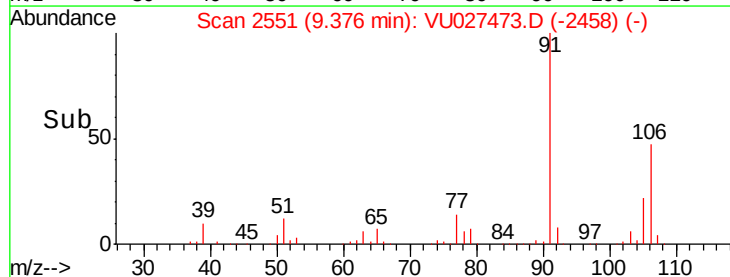
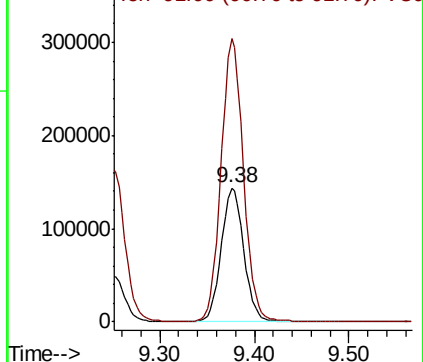


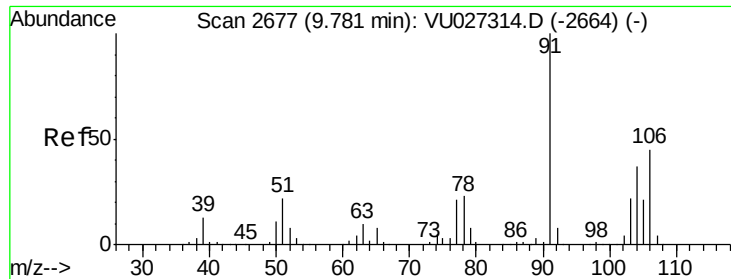
#68
m/p-Xylenes
Concen: 99.257 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion: 106 Resp: 238780
Ion Ratio Lower Upper
106 100
91 208.7 168.1 252.1



Abundance Ion 106.00 (105.70 to 106.70): VU027314.D (-2537) (-)
Ion 91.00 (90.70 to 91.70): VU027314.D (-2537) (-)

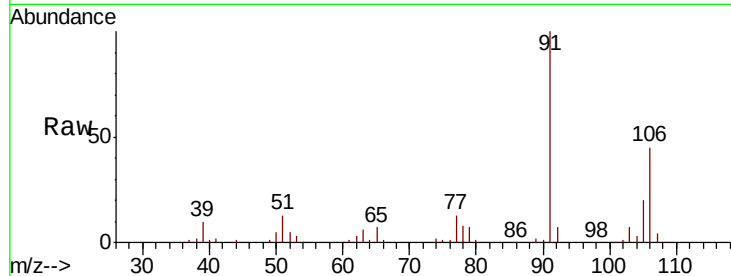




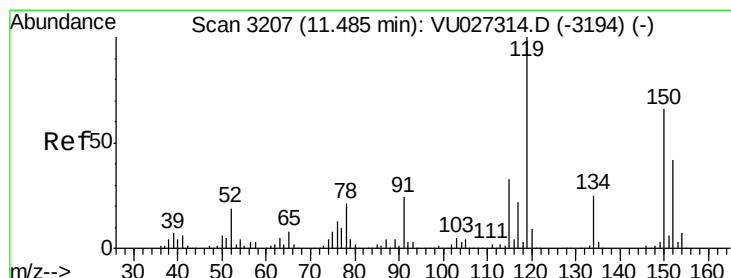
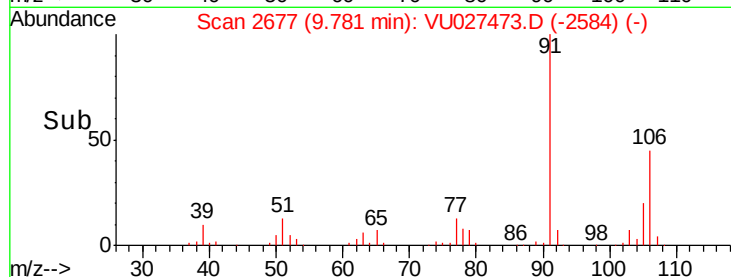
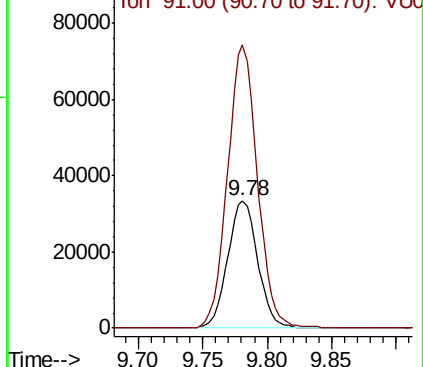
#69
o-Xylene
Concen: 23.735 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampled :
NW-3

Tot Ion:106 Resp: 54260
Ion Ratio Lower Upper
106 100
91 220.3 111.7 334.9

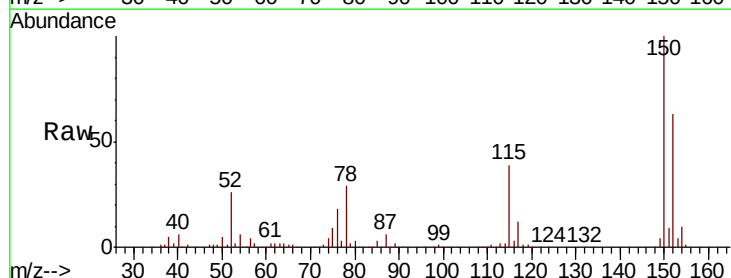


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

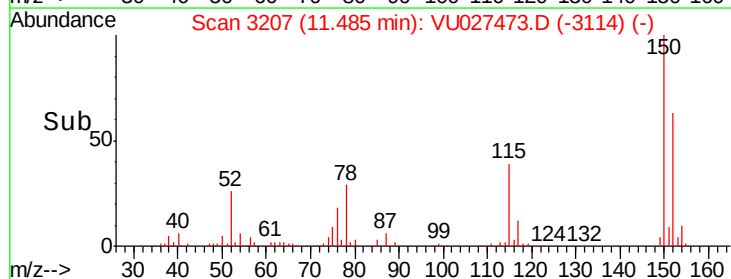
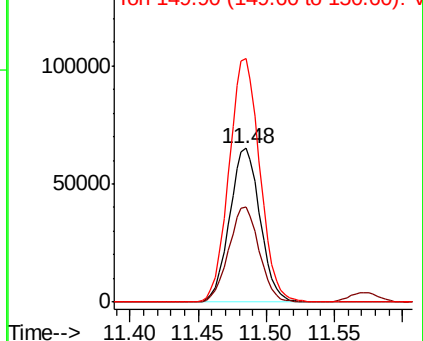


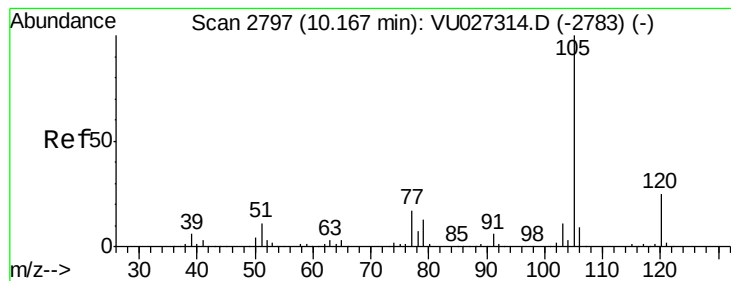
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion:152 Resp: 101158
Ion Ratio Lower Upper
152 100
115 61.9 43.4 130.2
150 160.1 0.0 349.2



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: 3.746 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampled :

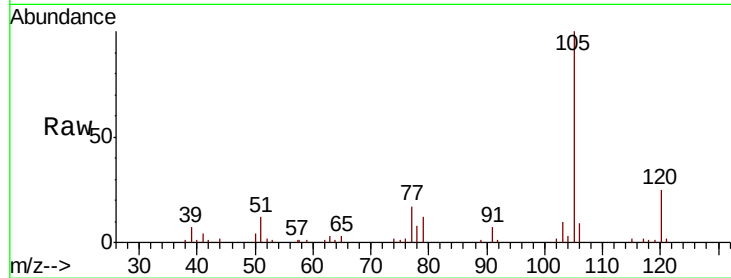
NW-3

Tot Ion:105 Resp: 27522

Ion Ratio Lower Upper

105 100

120 25.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

15000

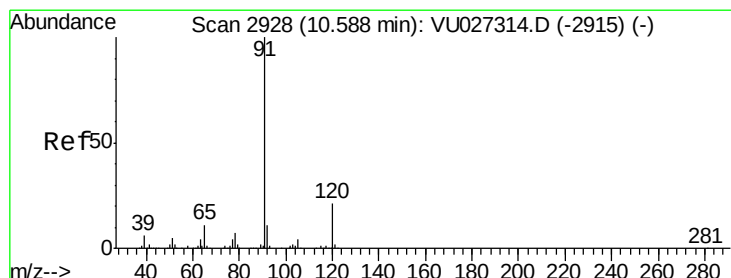
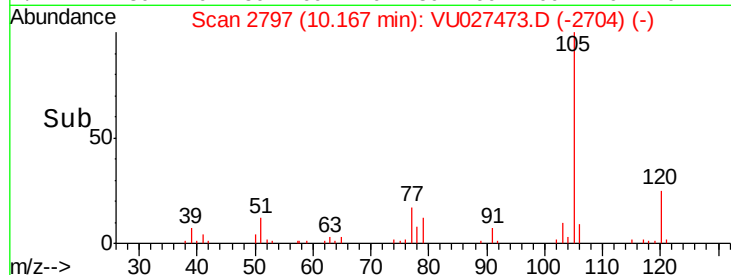
10000

5000

0

Time-->

10.10 10.15 10.20 10.25



#78

n-propylbenzene

Concen: 9.917 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027473.D

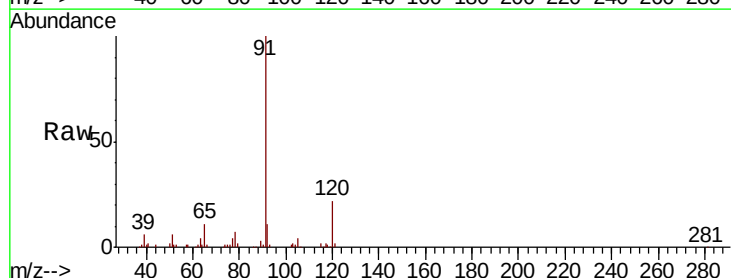
Acq: 05 Oct 2018 23:02

Tgt Ion: 91 Resp: 87551

Ion Ratio Lower Upper

91 100

120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

60000

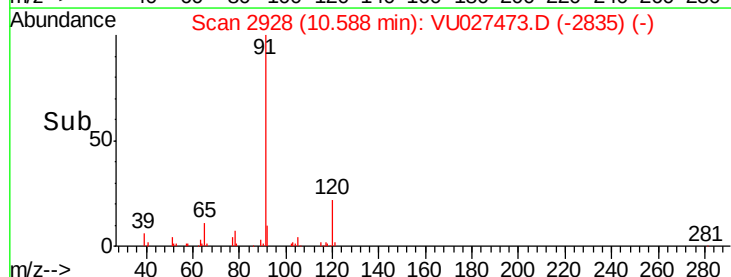
40000

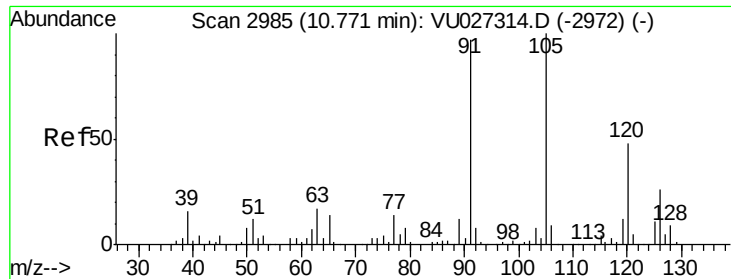
20000

0

Time-->

10.50 10.55 10.60 10.65





#80

1,3,5-Trimethylbenzene

Concen: 24.125 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

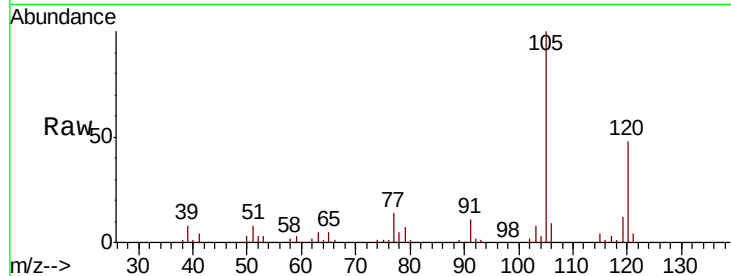
NW-3

Tot Ion:105 Resp: 144306

Ion Ratio Lower Upper

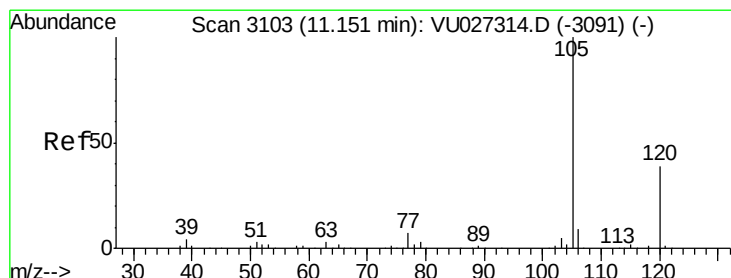
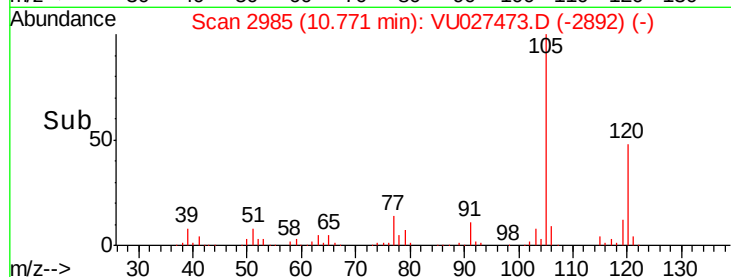
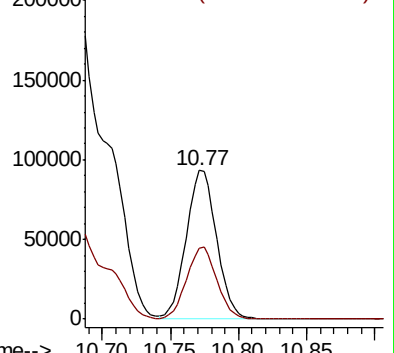
105 100

120 48.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 93.842 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027473.D

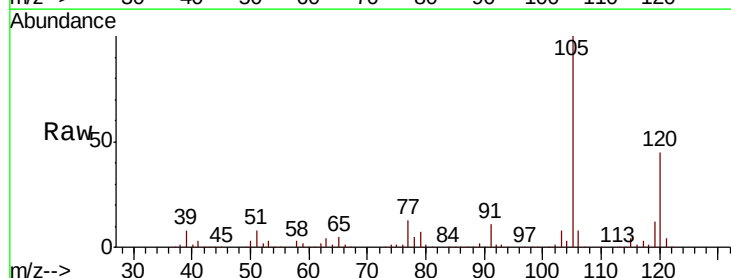
Acq: 05 Oct 2018 23:02

Tgt Ion:105 Resp: 573387

Ion Ratio Lower Upper

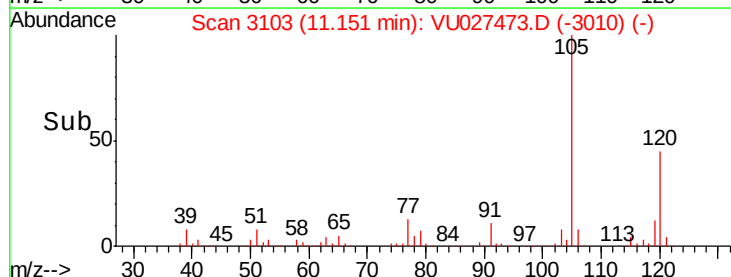
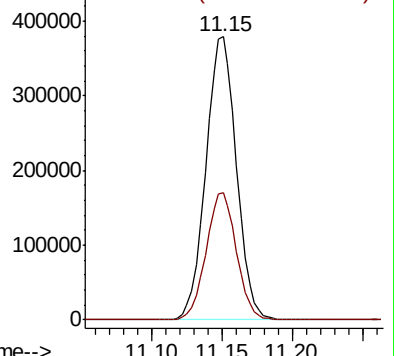
105 100

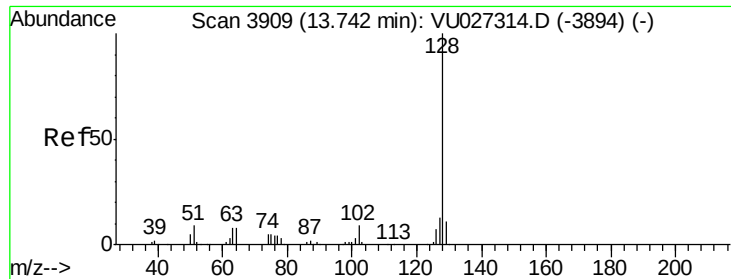
120 44.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

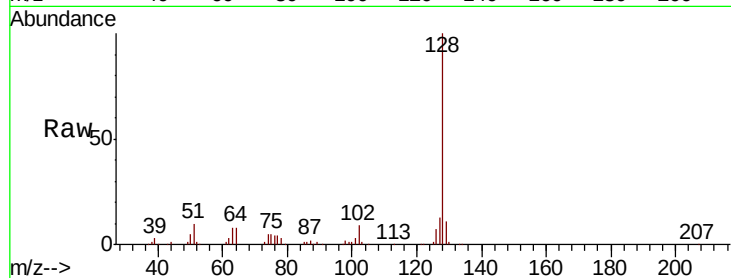




#95
 Naphthalene
 Concen: 20.305 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Instrument :
 MSVOA_U
 ClientSampleId :
 NW-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

