

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027481.D
 Acq On : 06 Oct 2018 02:08
 Operator : MD/SY
 Sample : J5268-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NW-4

Quant Time: Oct 06 04:13:13 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	109326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	187786	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	102666	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	102885	56.36	ug/l	0.00
Spiked Amount			Recovery	=	112.72%	
35) Dibromofluoromethane	4.89	113	72905	56.65	ug/l	0.00
Spiked Amount			Recovery	=	113.30%	
50) Toluene-d8	7.57	98	291492	60.52	ug/l	0.00
Spiked Amount			Recovery	=	121.04%	
62) 4-Bromofluorobenzene	10.31	95	107302	59.94	ug/l	0.00
Spiked Amount			Recovery	=	119.88%	

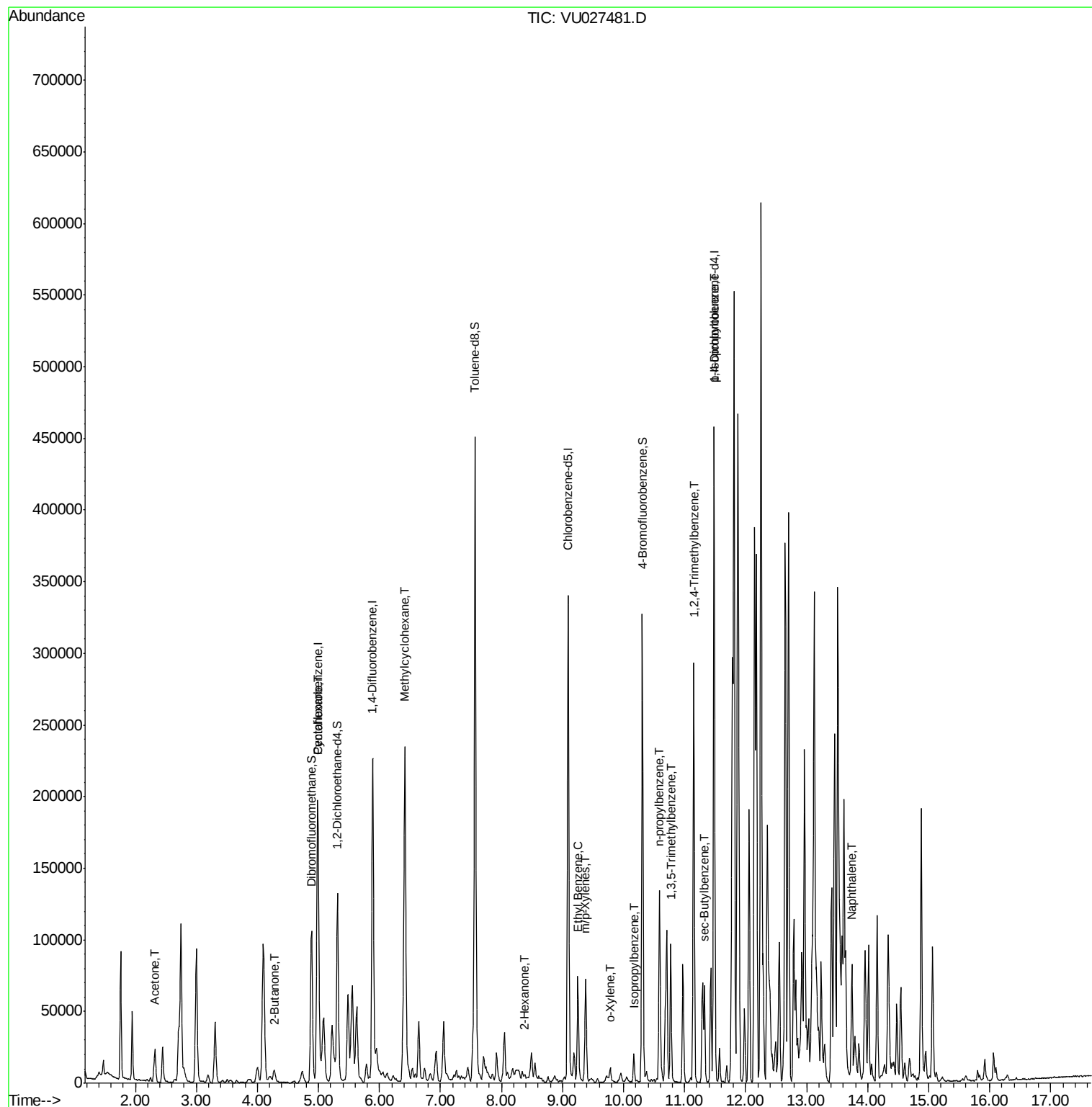
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	24954	23.138	ug/l	98
25) 2-Butanone	4.28	43	14506	9.864	ug/l	98
31) Cyclohexane	5.00	56	32215	10.816	ug/l	98
39) Methylcyclohexane	6.42	83	90505	37.973	ug/l	97
59) 2-Hexanone	8.37	43	3179	1.541	ug/l	95
67) Ethyl Benzene	9.25	91	50457	7.591	ug/l	100
68) m/p-Xylenes	9.38	106	17929	7.375	ug/l	99
69) o-Xylene	9.78	106	2548	1.103	ug/l	86
73) Isopropylbenzene	10.17	105	12033	1.614	ug/l	100
78) n-propylbenzene	10.59	91	99884	11.148	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	50631	8.340	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	155300	25.044	ug/l	100
85) sec-Butylbenzene	11.32	105	43275	5.852	ug/l	97
86) p-Isopropyltoluene	11.48	119	17603	2.780	ug/l	95
95) Naphthalene	13.74	128	55446	8.566	ug/l #	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100618\
Data File : VU027481.D
Acq On : 06 Oct 2018 02:08
Operator : MD/SY
Sample : J5268-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
NW-4

Quant Time: Oct 06 04:13:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
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: VU027481.D

Acq: 06 Oct 2018 02:08

Instrument :

MSVOA_U

ClientSampled :

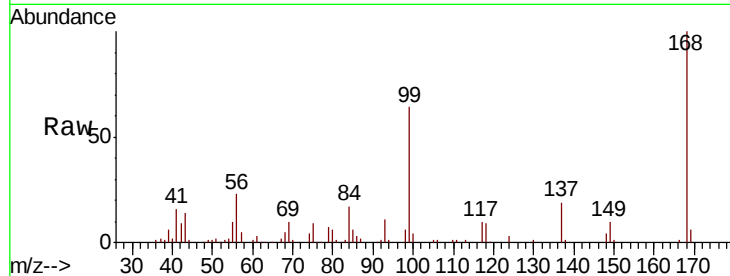
NW-4

Tot Ion:168 Resp: 109326

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): VU027481.D (-1092) (-)

4.99

50000

40000

30000

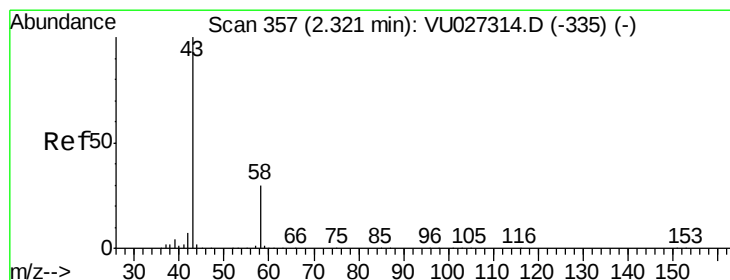
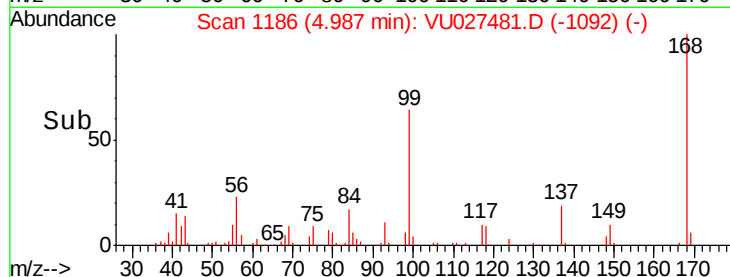
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 23.138 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027481.D

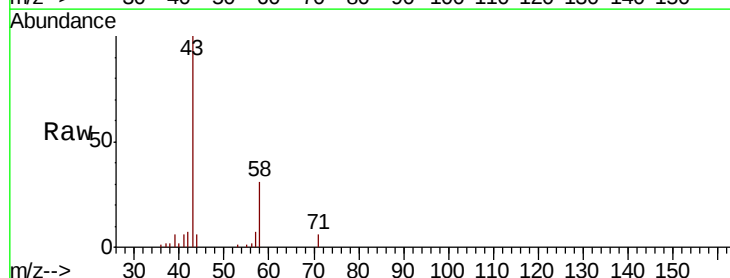
Acq: 06 Oct 2018 02:08

Tgt Ion: 43 Resp: 24954

Ion Ratio Lower Upper

43 100

58 31.5 24.2 36.4



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

Ion 58.00 (57.70 to 58.70): VU027481.D (-264) (-)

2.32

15000

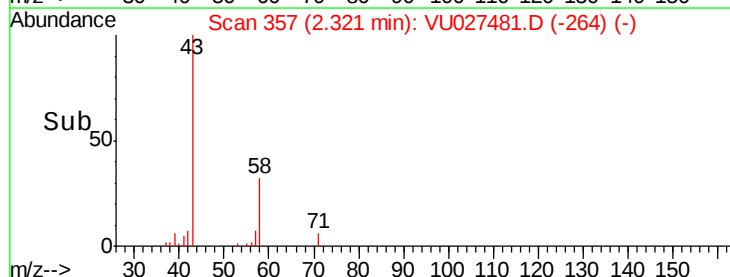
10000

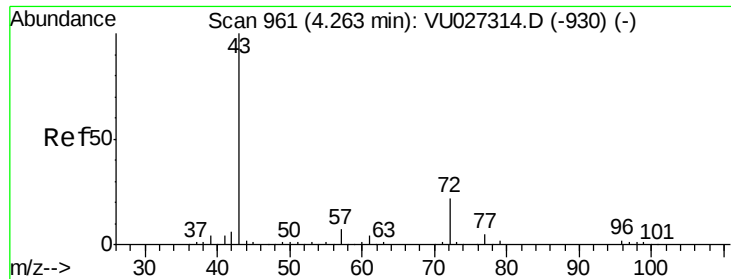
5000

0

2.25 2.30 2.35 2.40

Time-->





#25

2-Butanone

Concen: 9.864 ug/l

RT: 4.28 min Scan# 965

Delta R.T. 0.01 min

Lab File: VU027481.D

Acq: 06 Oct 2018 02:08

Instrument :

MSVOA_U

ClientSampled :

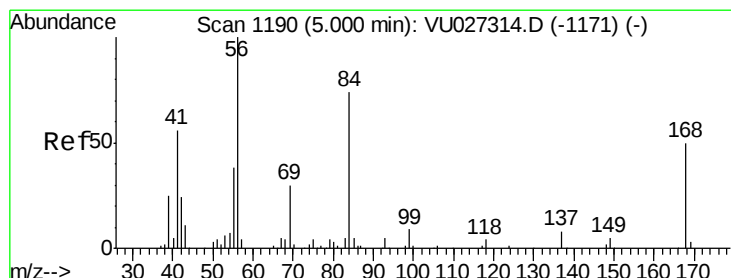
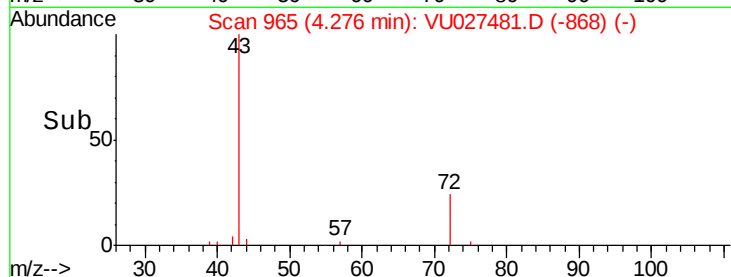
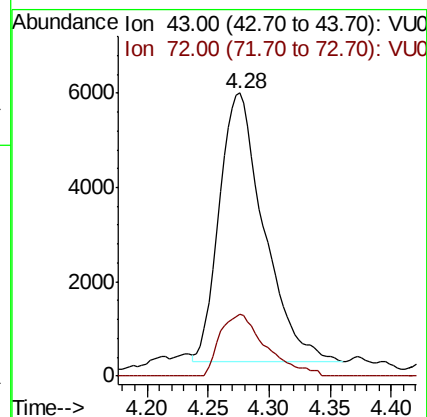
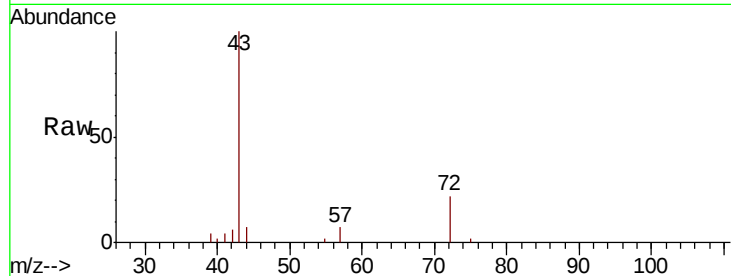
NW-4

Tot Ion: 43 Resp: 14506

Ion Ratio Lower Upper

43 100

72 23.2 17.8 26.6



#31

Cyclohexane

Concen: 10.816 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VU027481.D

Acq: 06 Oct 2018 02:08

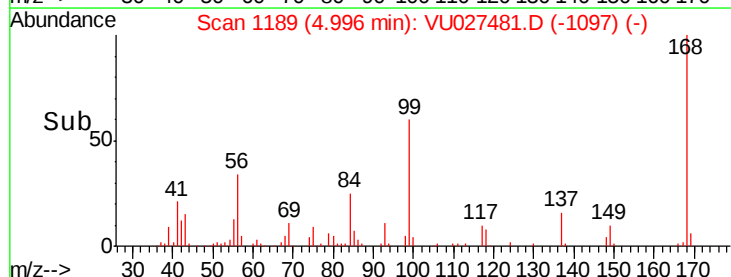
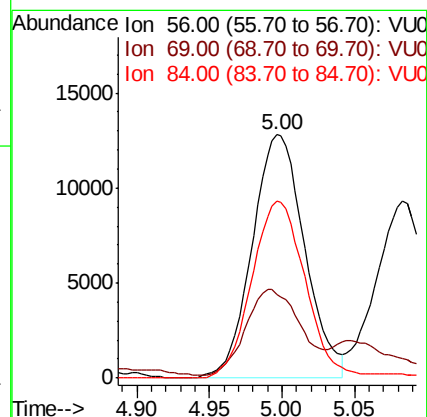
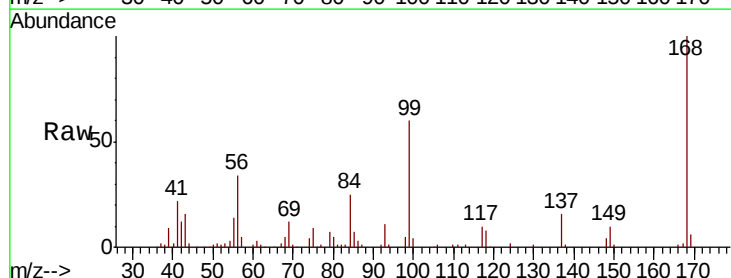
Tgt Ion: 56 Resp: 32215

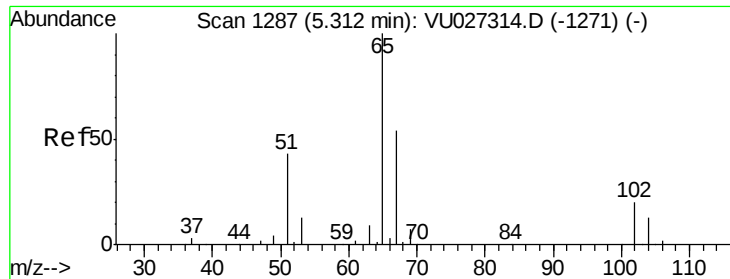
Ion Ratio Lower Upper

56 100

69 33.1 24.1 36.1

84 72.9 59.1 88.7

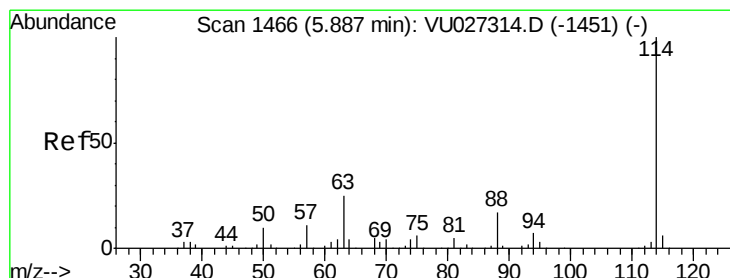
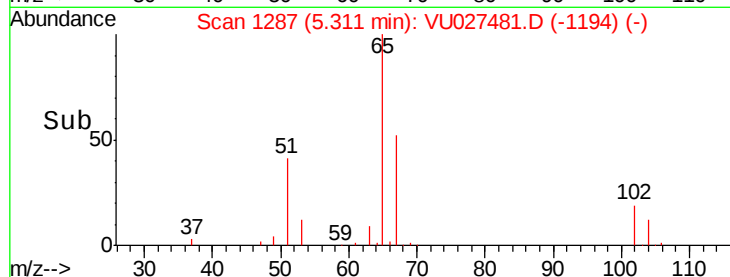
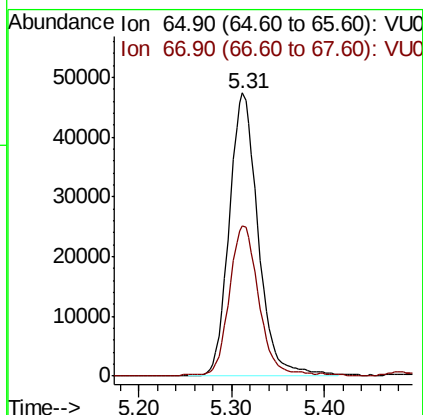
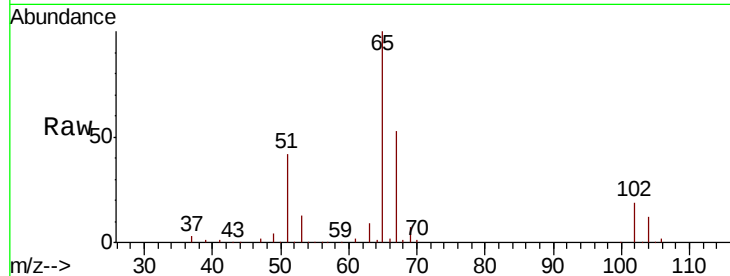




#33
 1,2-Dichloroethane-d4
 Concen: 56.358 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027481.D
 Acq: 06 Oct 2018 02:08

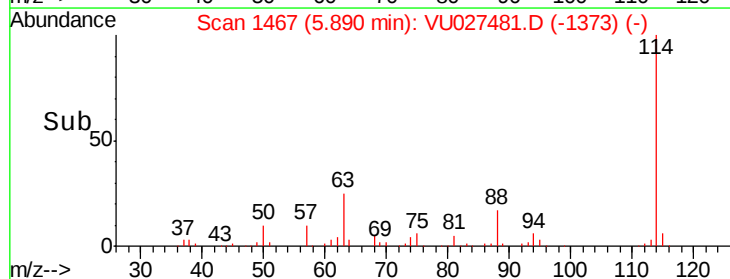
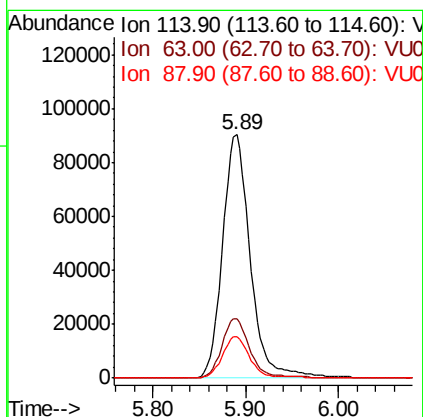
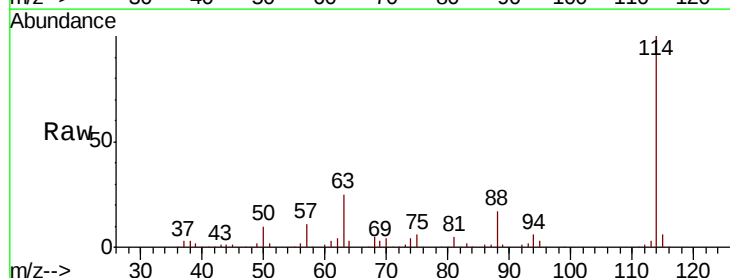
Instrument :
 MSVOA_U
 ClientSampled :
 NW-4

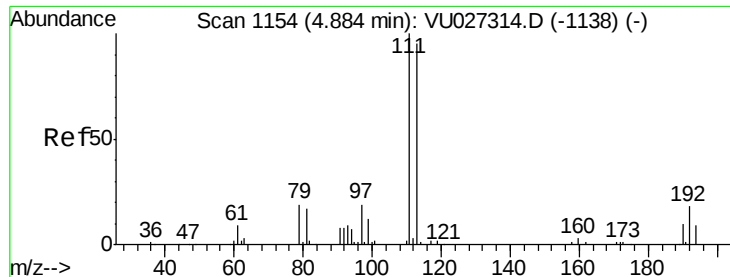
Tot Ion: 65 Resp: 102885
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027481.D
 Acq: 06 Oct 2018 02:08

Tgt Ion: 114 Resp: 187786
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.2
 88 16.9 0.0 33.8

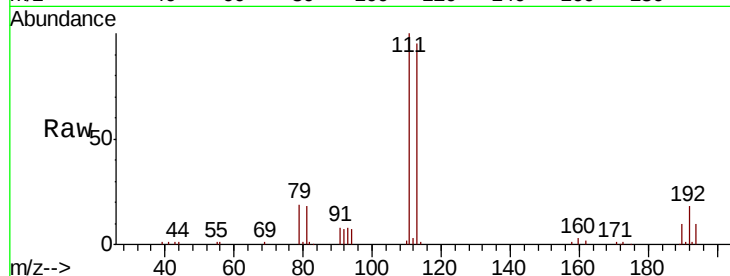




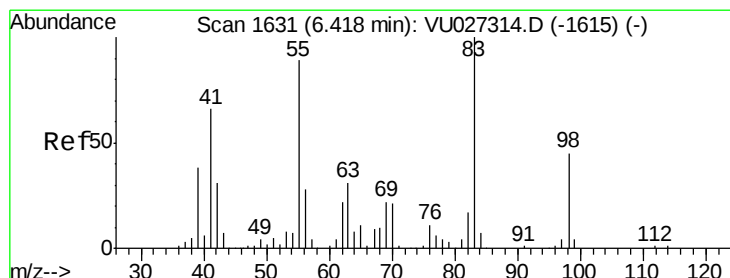
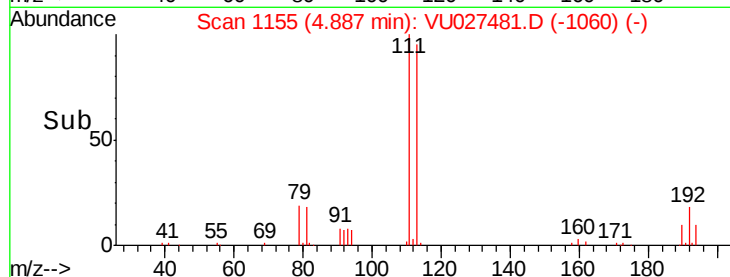
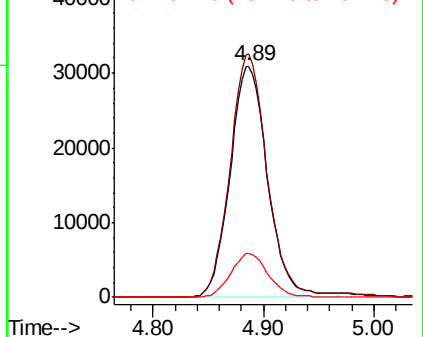
#35
Dibromofluoromethane
Concen: 56.649 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027481.D
Acq: 06 Oct 2018 02:08

Instrument :
MSVOA_U
ClientSampleId :
NW-4

Tot Ion:113 Resp: 72905
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 18.9 15.4 23.0

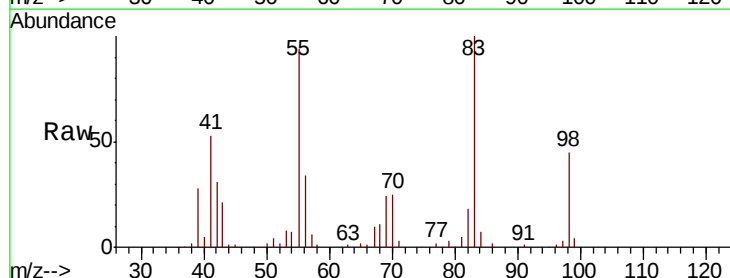


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

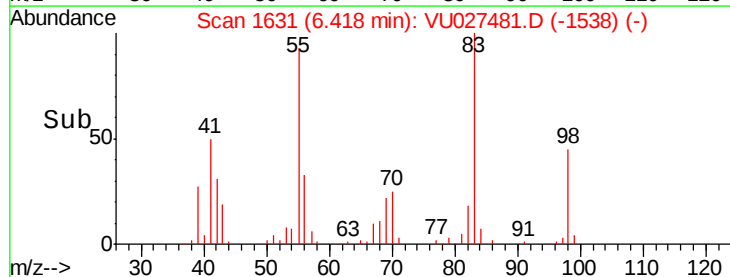
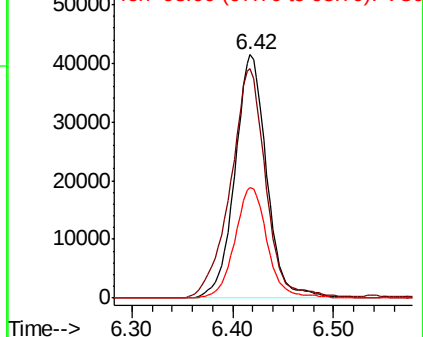


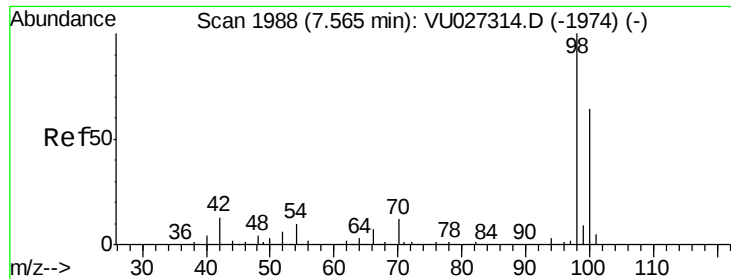
#39
Methylcyclohexane
Concen: 37.973 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027481.D
Acq: 06 Oct 2018 02:08

Tgt Ion: 83 Resp: 90505
Ion Ratio Lower Upper
83 100
55 93.4 71.1 106.7
98 45.4 36.3 54.5



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

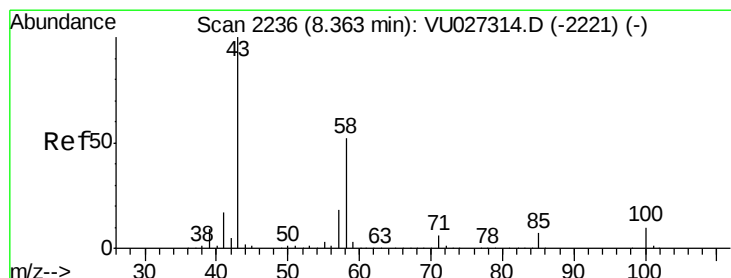
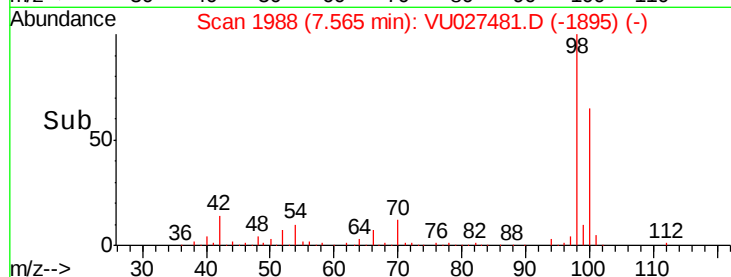
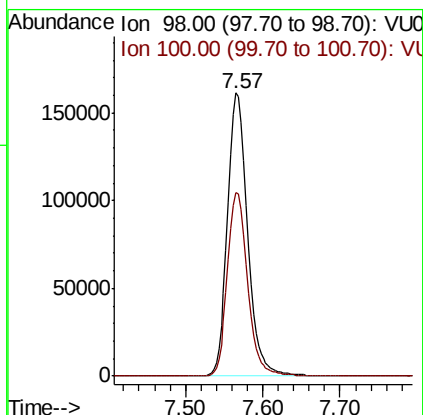
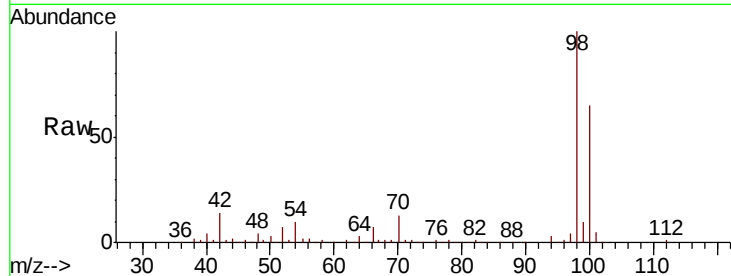




#50
Toluene-d8
Concen: 60.517 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027481.D
Acq: 06 Oct 2018 02:08

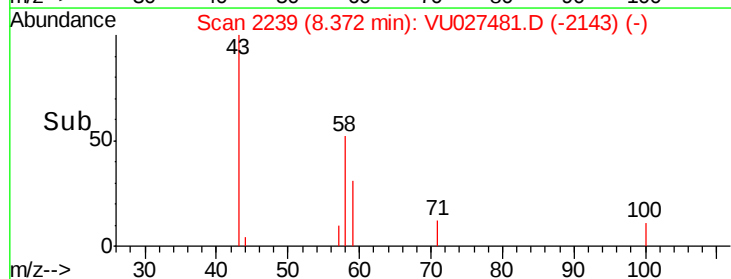
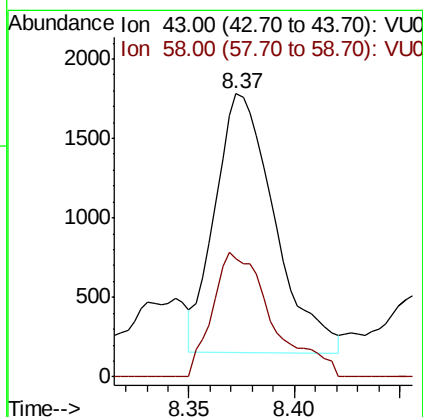
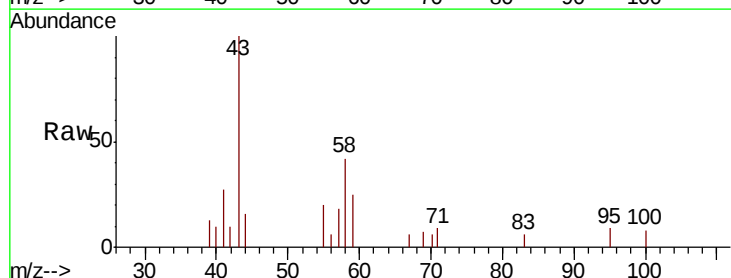
Instrument :
MSVOA_U
ClientSampled :
NW-4

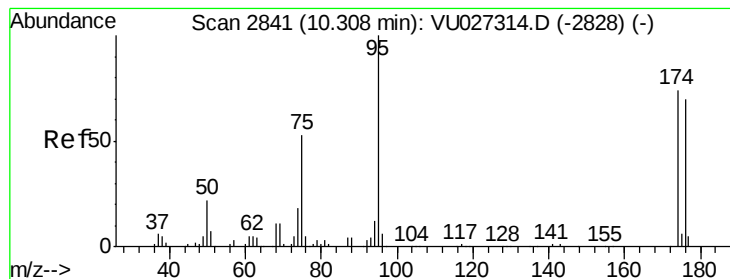
Tot Ion: 98 Resp: 291492
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#59
2-Hexanone
Concen: 1.541 ug/l
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU027481.D
Acq: 06 Oct 2018 02:08

Tgt Ion: 43 Resp: 3179
Ion Ratio Lower Upper
43 100
58 48.4 26.1 78.3





#62

4-Bromofluorobenzene

Concen: 59.943 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027481.D

Acq: 06 Oct 2018 02:08

Instrument :

MSVOA_U

ClientSampled :

NW-4

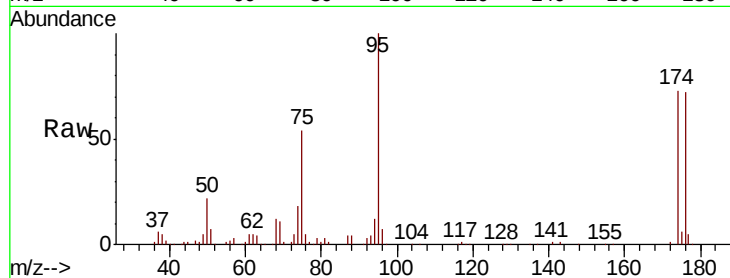
Tot Ion: 95 Resp: 107302

Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.8

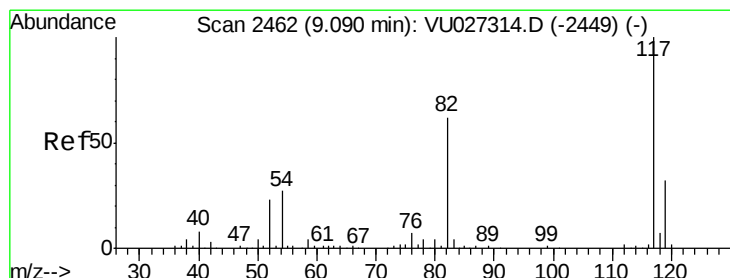
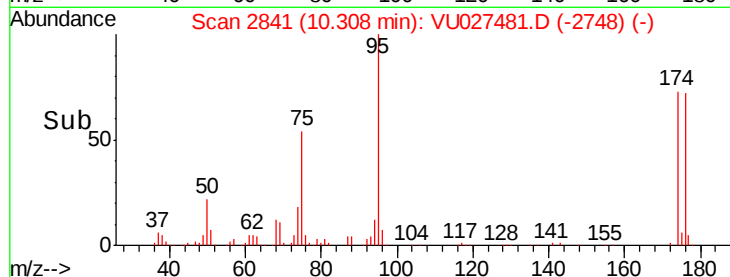
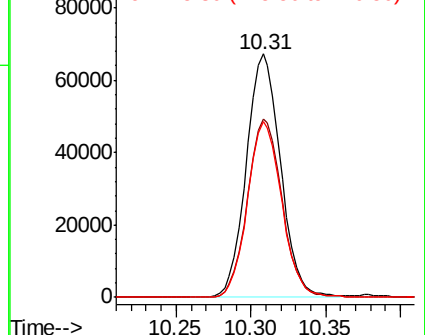
176 72.3 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027481.D

Acq: 06 Oct 2018 02:08

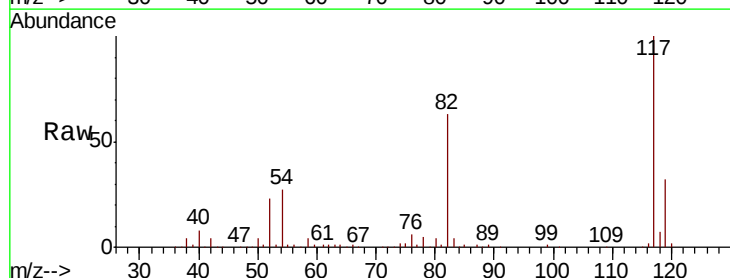
Tgt Ion: 117 Resp: 178224

Ion Ratio Lower Upper

117 100

82 63.0 49.2 73.8

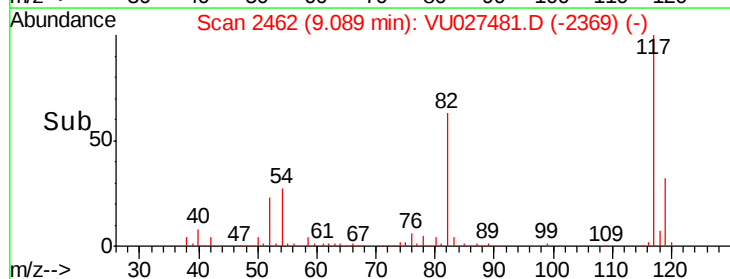
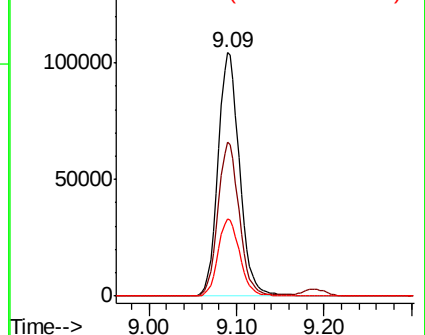
119 31.9 25.7 38.5

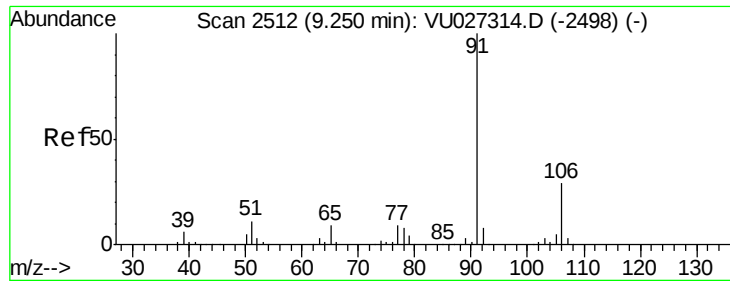


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

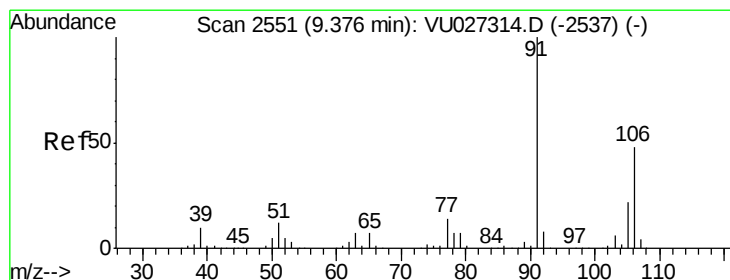
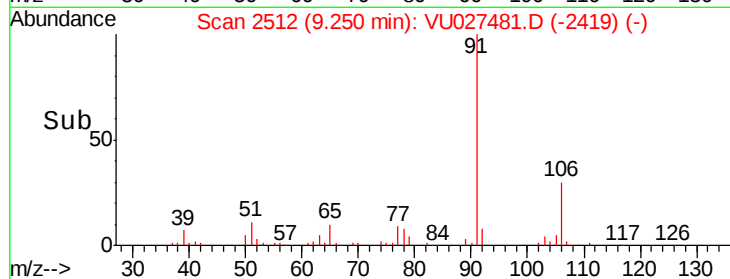
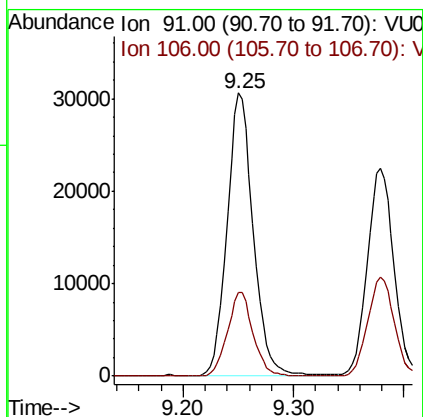
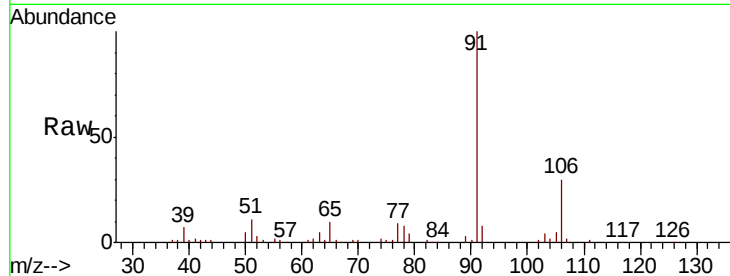




#67
Ethyl Benzene
Concen: 7.591 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027481.D
Acq: 06 Oct 2018 02:08

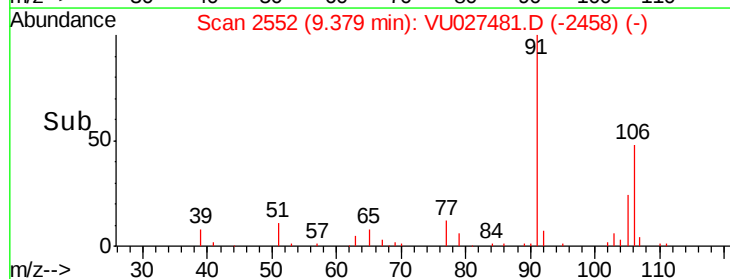
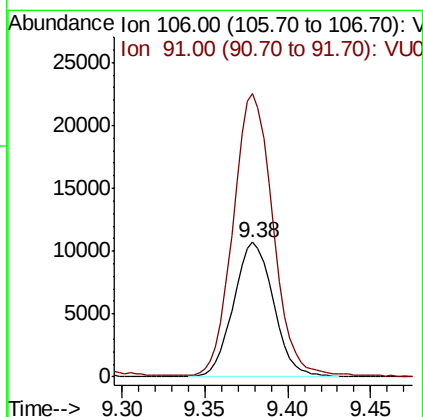
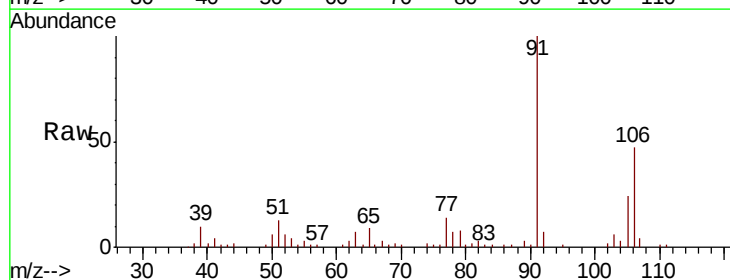
Instrument :
MSVOA_U
ClientSampled :
NW-4

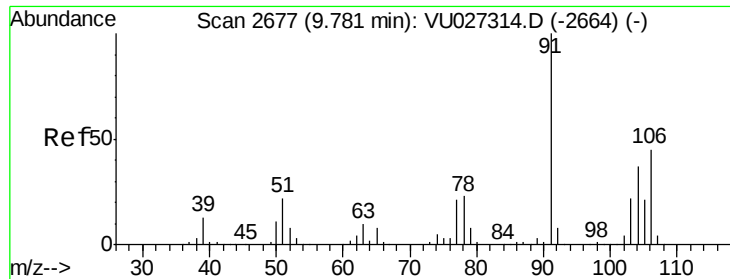
Tot Ion: 91 Resp: 50457
Ion Ratio Lower Upper
91 100
106 29.6 23.6 35.4



#68
m/p-Xylenes
Concen: 7.375 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027481.D
Acq: 06 Oct 2018 02:08

Tgt Ion: 106 Resp: 17929
Ion Ratio Lower Upper
106 100
91 212.1 168.1 252.1

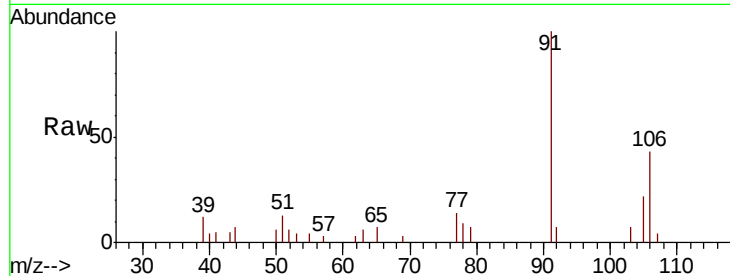




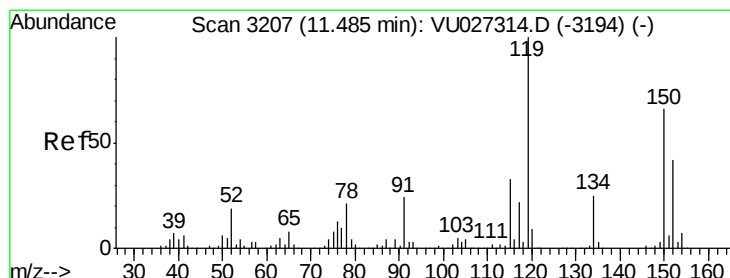
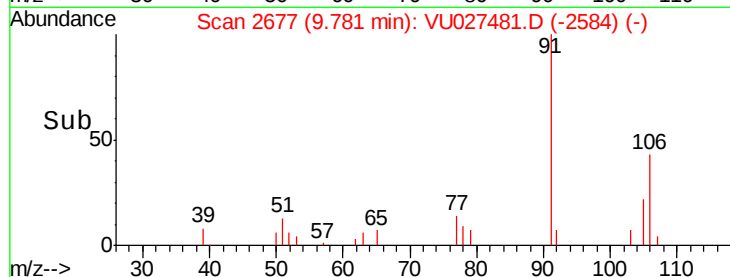
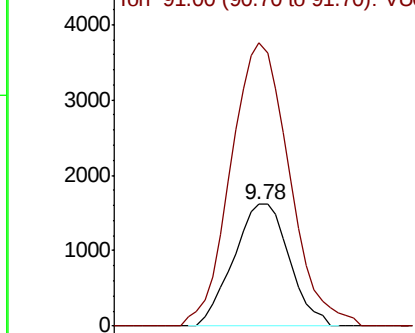
#69
o-Xylene
Concen: 1.103 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027481.D
Acq: 06 Oct 2018 02:08

Instrument :
MSVOA_U
ClientSampleId :
NW-4

Tot Ion:106 Resp: 2548
Ion Ratio Lower Upper
106 100
91 245.4 111.7 334.9

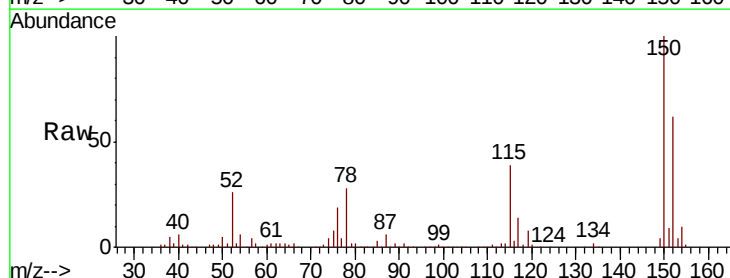


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

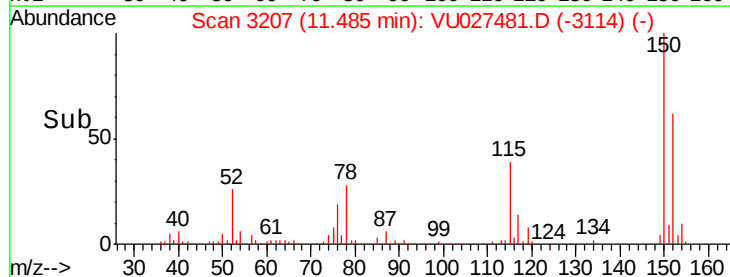
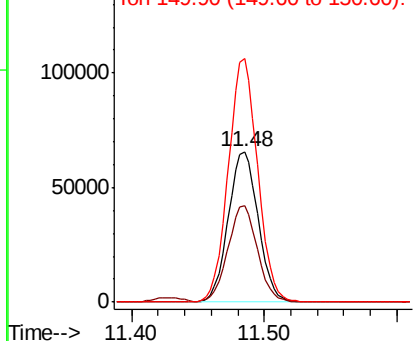


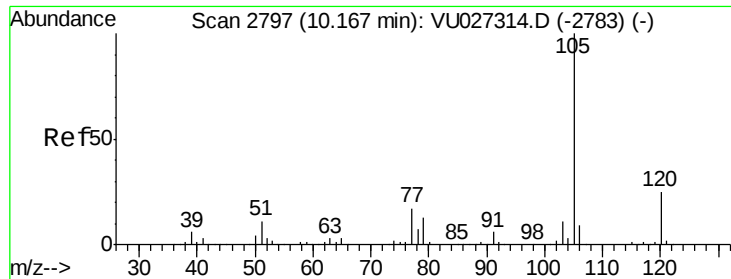
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027481.D
Acq: 06 Oct 2018 02:08

Tgt Ion:152 Resp: 102666
Ion Ratio Lower Upper
152 100
115 63.2 43.4 130.2
150 159.1 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: 1.614 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027481.D

Acq: 06 Oct 2018 02:08

Instrument :

MSVOA_U

ClientSampled :

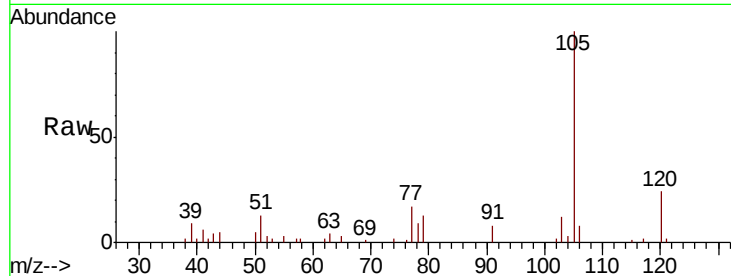
NW-4

Tot Ion:105 Resp: 12033

Ion Ratio Lower Upper

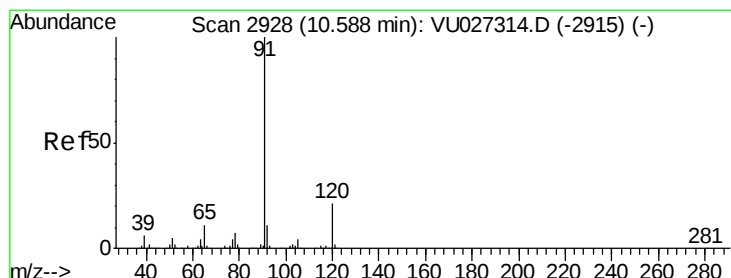
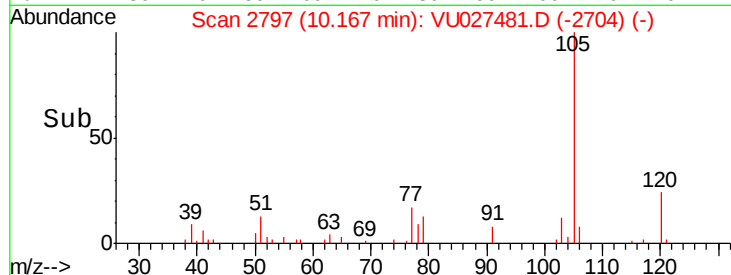
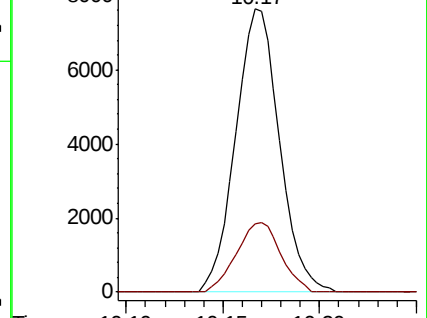
105 100

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



#78

n-propylbenzene

Concen: 11.148 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027481.D

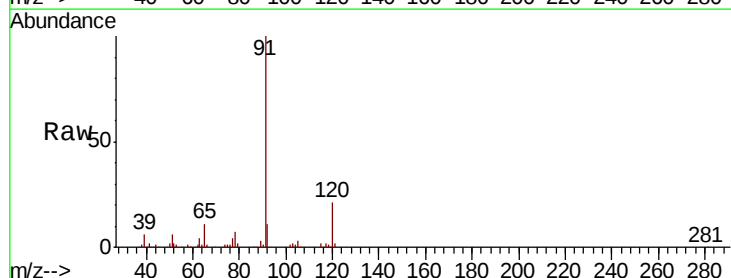
Acq: 06 Oct 2018 02:08

Tgt Ion: 91 Resp: 99884

Ion Ratio Lower Upper

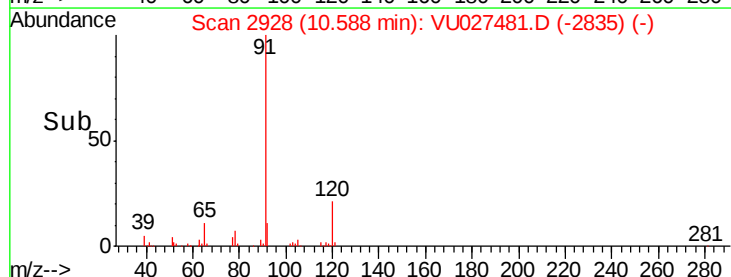
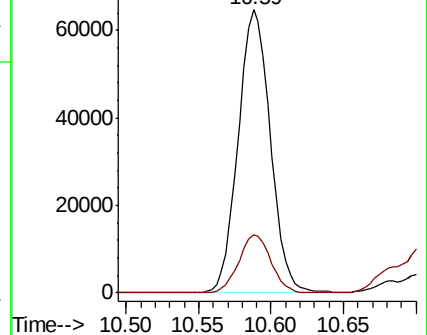
91 100

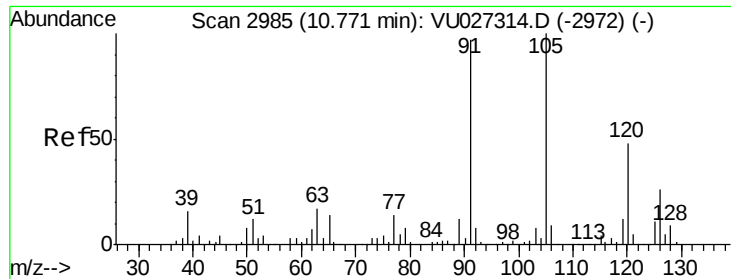
120 20.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

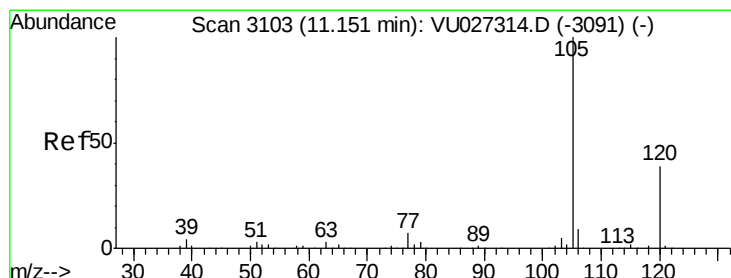
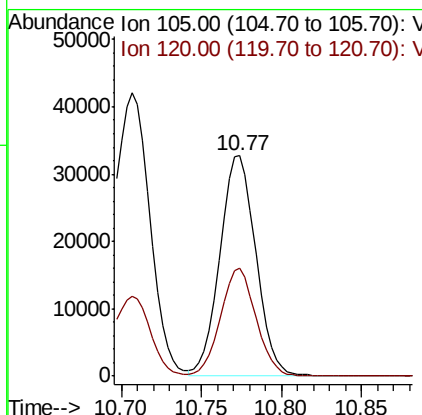
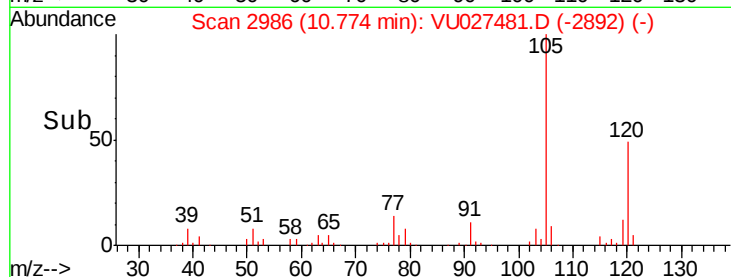
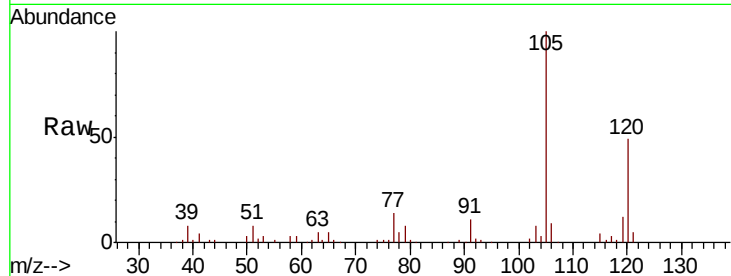




#80
 1,3,5-Trimethylbenzene
 Concen: 8.340 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027481.D
 Acq: 06 Oct 2018 02:08

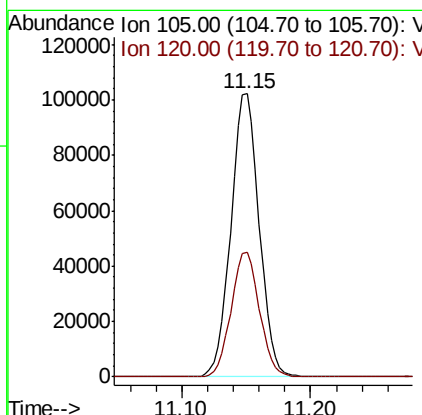
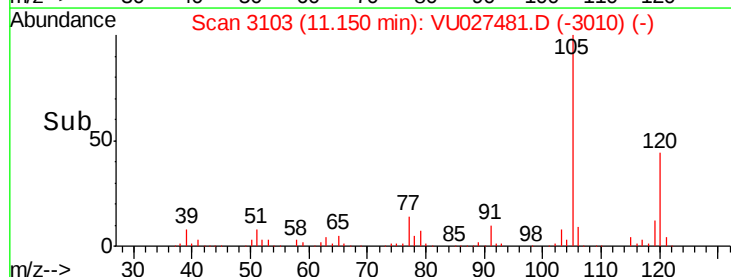
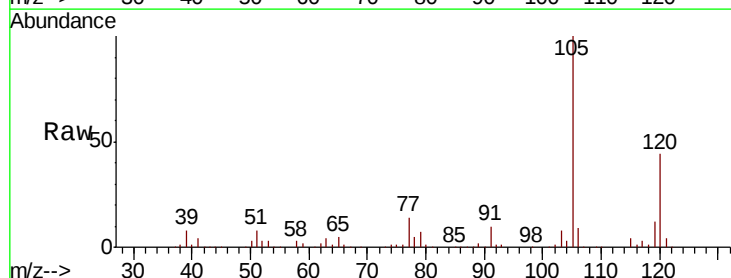
Instrument :
 MSVOA_U
 ClientSampled :
 NW-4

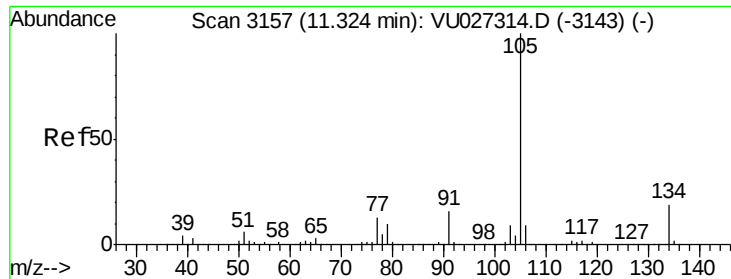
Tot Ion:105 Resp: 50631
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 25.044 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027481.D
 Acq: 06 Oct 2018 02:08

Tgt Ion:105 Resp: 155300
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5

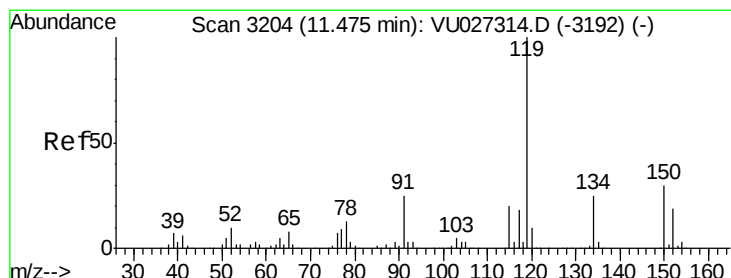
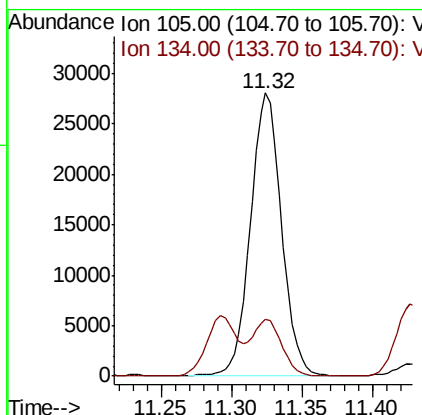
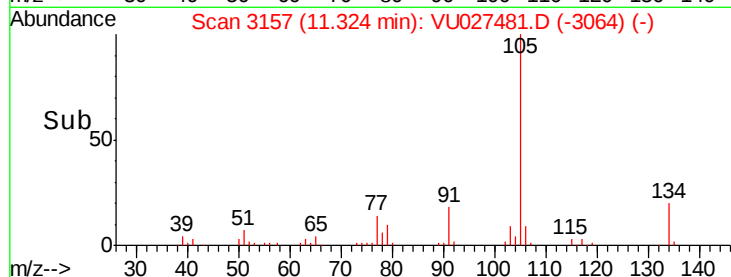
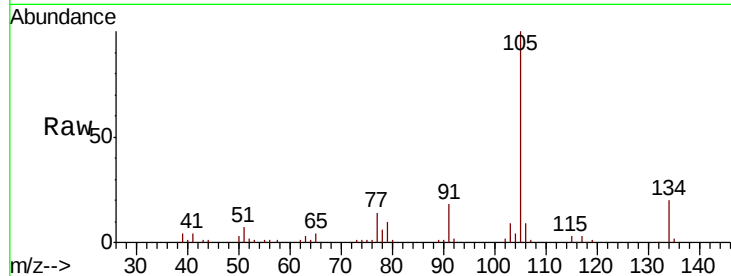




#85
 sec-Butylbenzene
 Concen: 5.852 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027481.D
 Acq: 06 Oct 2018 02:08

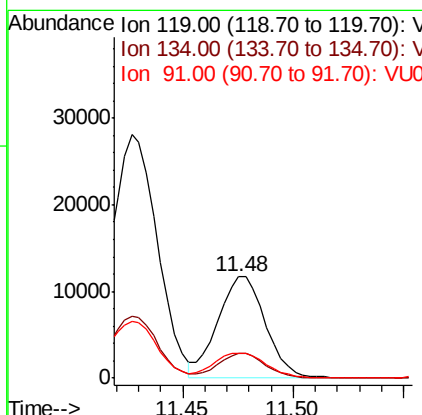
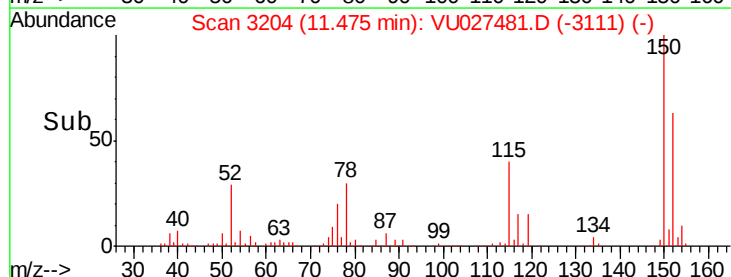
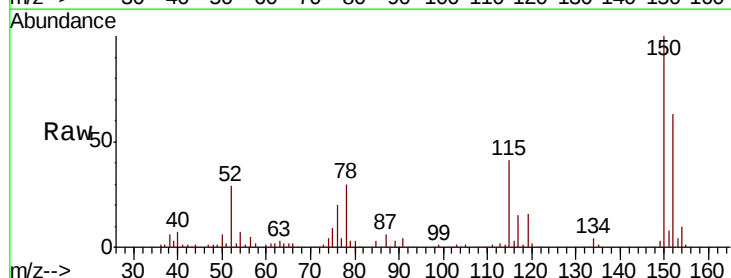
Instrument :
 MSVOA_U
 ClientSampleId :
 NW-4

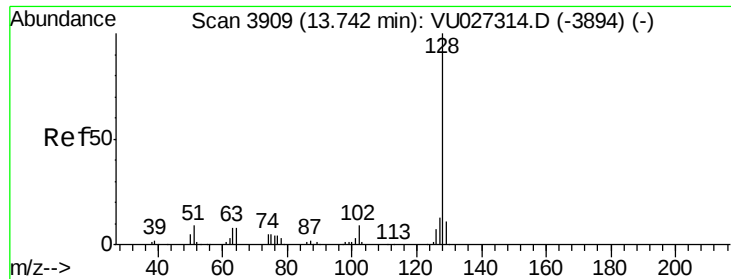
Tot Ion:105 Resp: 43275
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 2.780 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027481.D
 Acq: 06 Oct 2018 02:08

Tgt Ion:119 Resp: 17603
 Ion Ratio Lower Upper
 119 100
 134 23.5 12.7 38.1
 91 27.4 12.2 36.4





#95

Naphthalene

Concen: 8.566 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027481.D

Acq: 06 Oct 2018 02:08

Instrument :

MSVOA_U

ClientSampleId :

NW-4

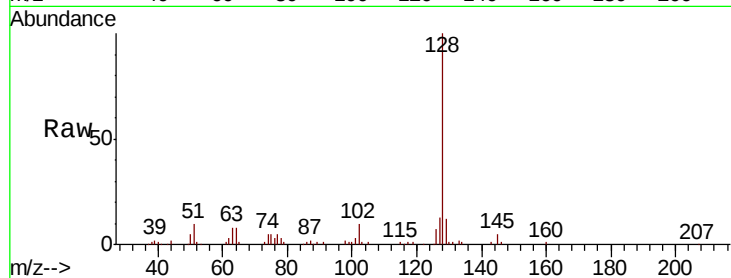
Tot Ion:128 Resp: 55446

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 12.9 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

