

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052921.D
 Acq On : 17 Dec 2018 12:31
 Operator : MD\SY
 Sample : J6437-04 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 23573

Quant Time: Dec 18 05:42:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1335473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2051029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1868702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	770184	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	669854	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	7.59	113	513528	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	
50) Toluene-d8	10.09	98	2527601	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	859552	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	

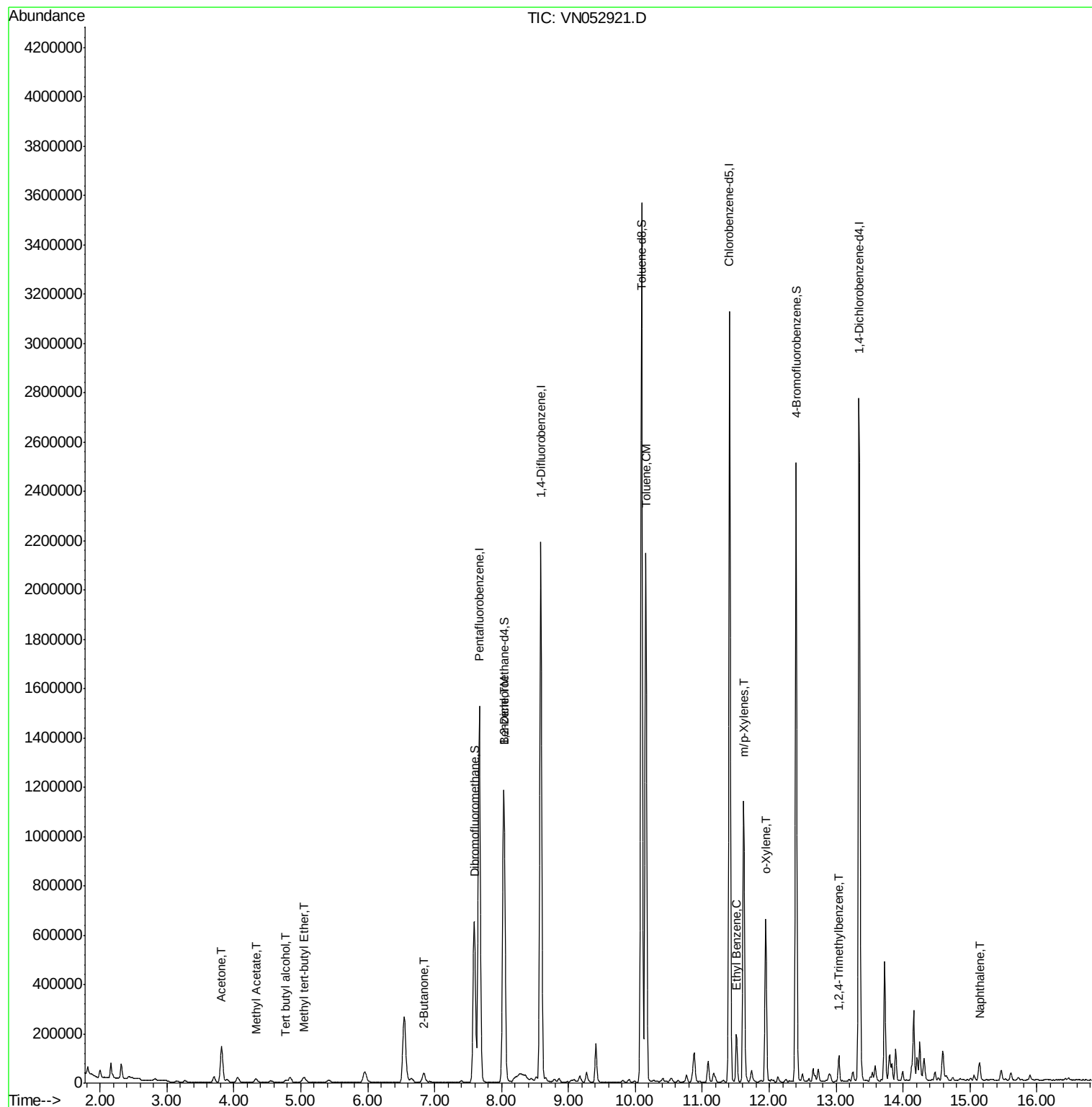
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	17034	21.469	ug/l	# 93
16) Acetone	3.82	43	243335	76.300	ug/l	94
18) Methyl Acetate	4.33	43	28022	2.394	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	36090	1.083	ug/l	92
25) 2-Butanone	6.84	43	64904	13.116	ug/l	99
40) Benzene	8.04	78	580081	10.233	ug/l	99
52) Toluene	10.16	92	962240	28.026	ug/l	100
67) Ethyl Benzene	11.51	91	144226	2.166	ug/l	99
68) m/p-Xylenes	11.62	106	369874	14.795	ug/l	99
69) o-Xylene	11.95	106	187707	7.689	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	60880	1.295	ug/l	100
95) Naphthalene	15.14	128	42601	1.513	ug/l	99

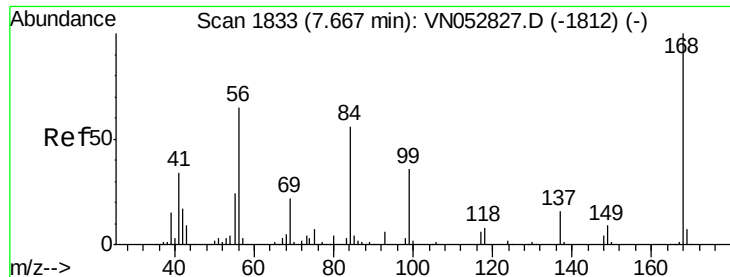
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
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Quant Time: Dec 18 05:42:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

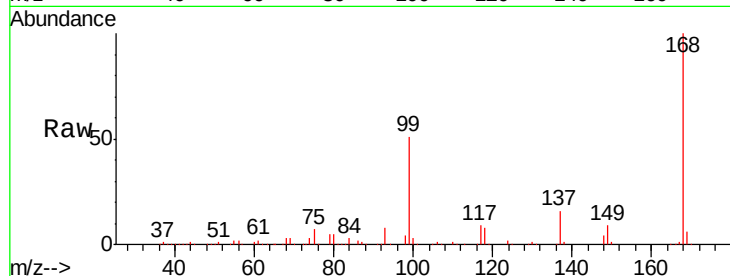
23573

Tgt Ion:168 Resp: 1335473

Ion Ratio Lower Upper

168 100

99 50.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052921.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052921.D (-1740) (-)

7.67

600000

500000

400000

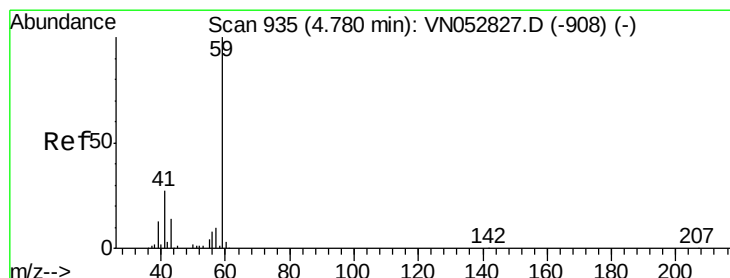
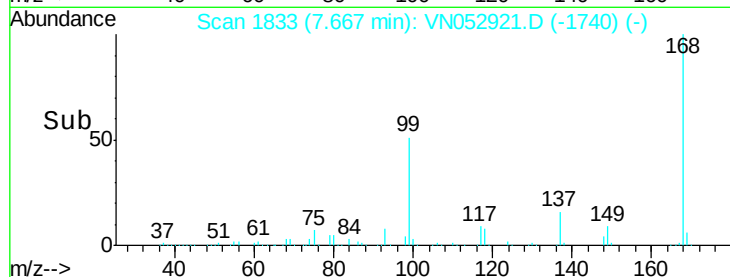
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 21.469 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN052921.D

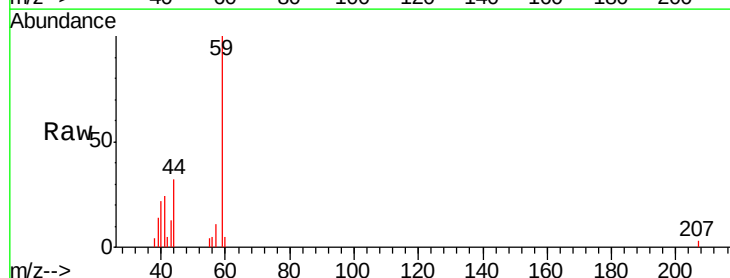
Acq: 17 Dec 2018 12:31

Tgt Ion: 59 Resp: 17034

Ion Ratio Lower Upper

59 100

57 6.9 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN052921.D (-842) (-)

Ion 57.00 (56.70 to 57.70): VN052921.D (-842) (-)

4.78

5000

4000

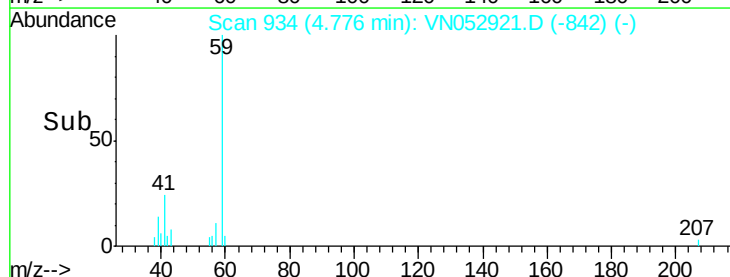
3000

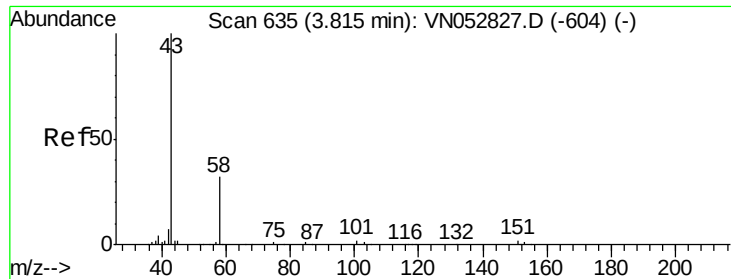
2000

1000

0

Time-->





#16

Acetone

Concen: 76.300 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

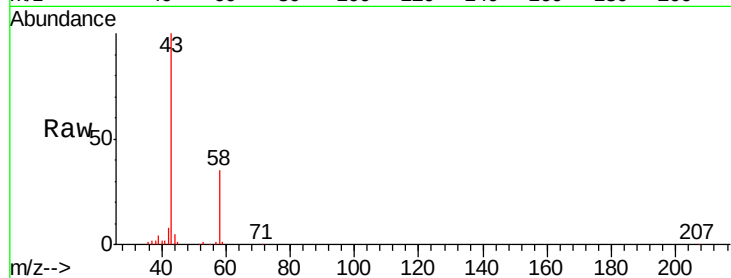
23573

Tgt Ion: 43 Resp: 243335

Ion Ratio Lower Upper

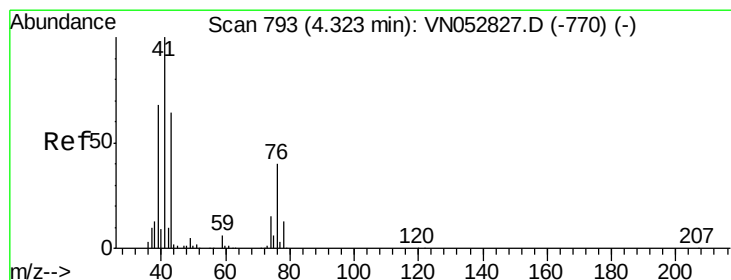
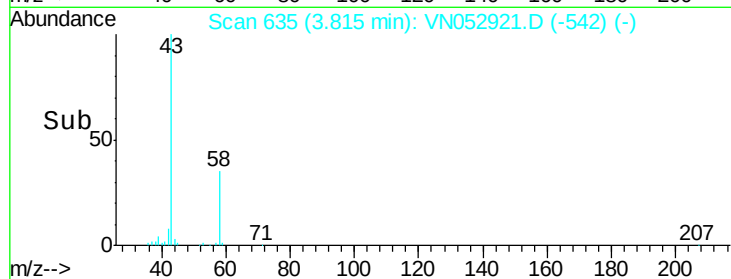
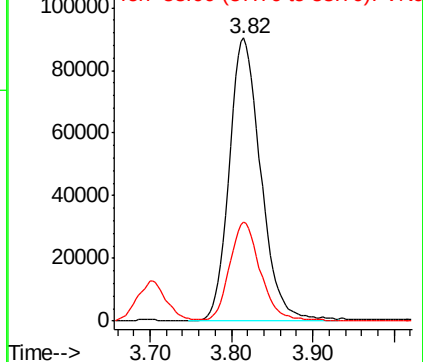
43 100

58 35.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 2.394 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN052921.D

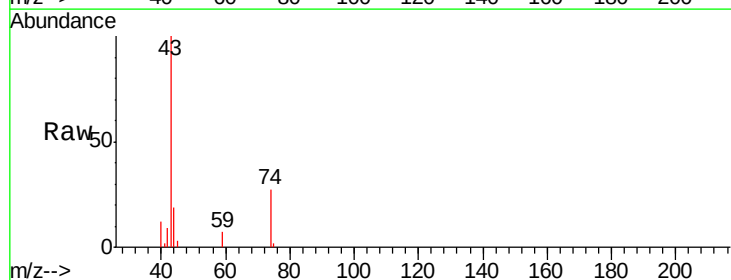
Acq: 17 Dec 2018 12:31

Tgt Ion: 43 Resp: 28022

Ion Ratio Lower Upper

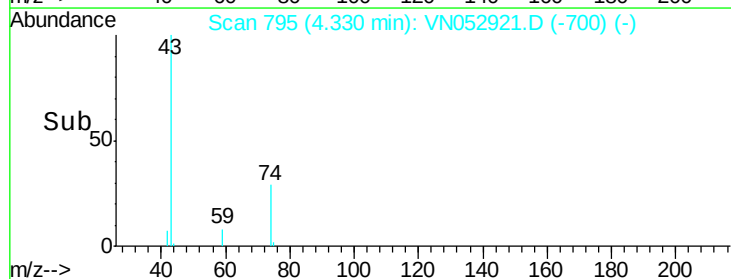
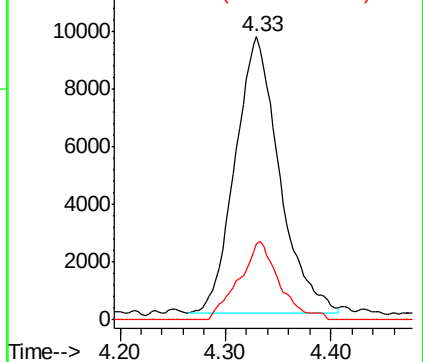
43 100

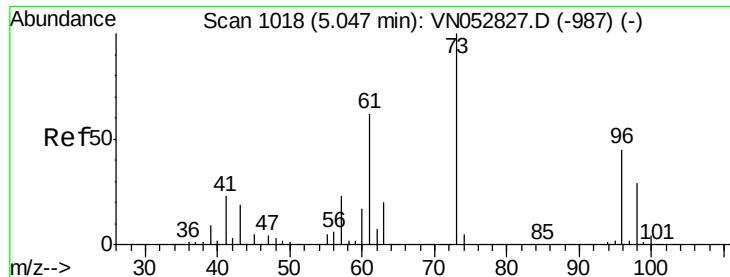
74 25.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

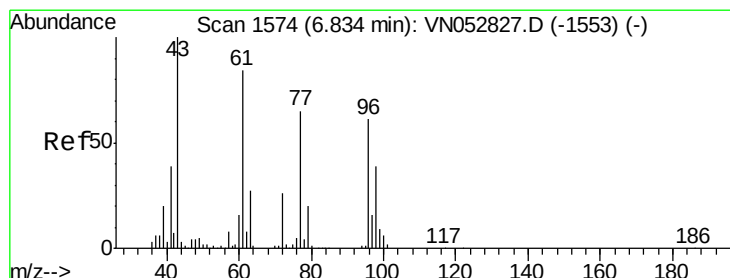
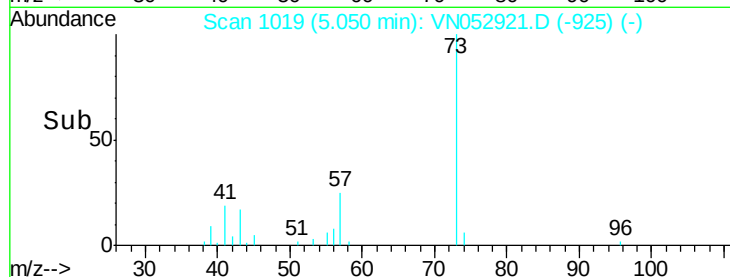
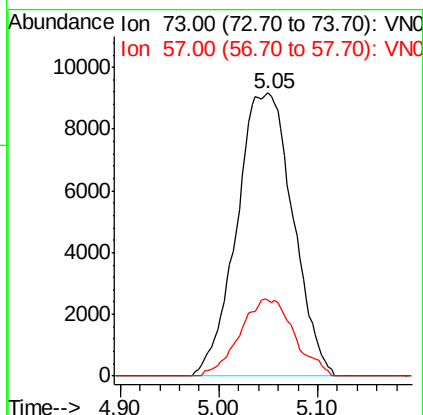
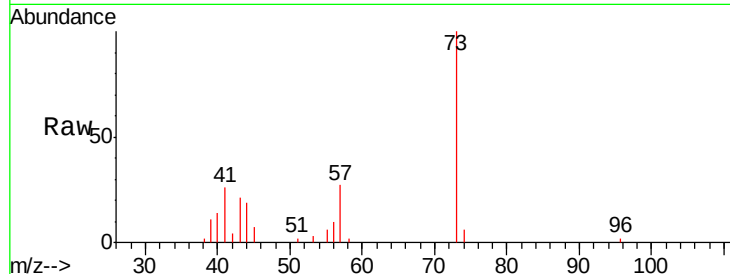




#19
Methyl tert-butyl Ether
Concen: 1.083 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

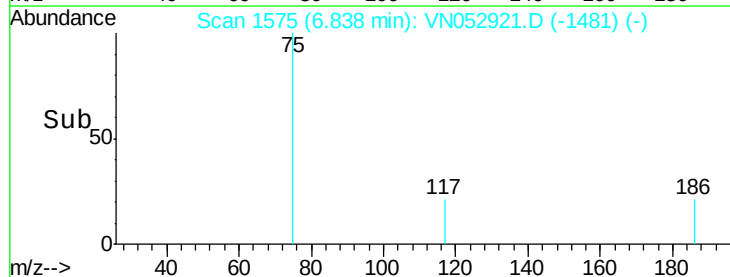
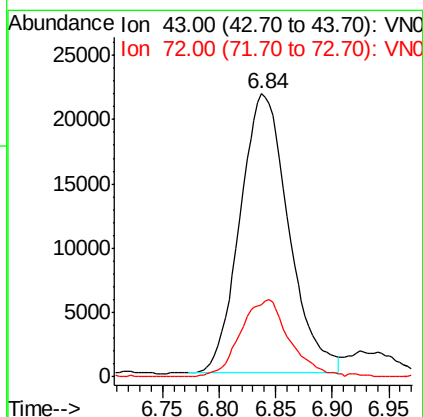
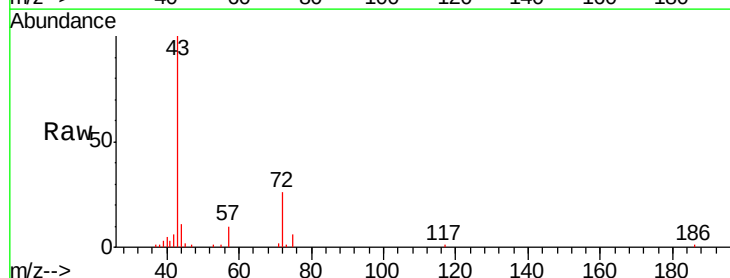
Instrument :
MSVOA_N
ClientSampled :
23573

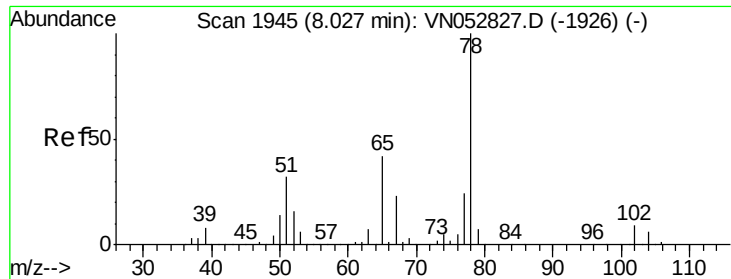
Tgt Ion: 73 Resp: 36090
Ion Ratio Lower Upper
73 100
57 26.8 18.4 27.6



#25
2-Butanone
Concen: 13.116 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 43 Resp: 64904
Ion Ratio Lower Upper
43 100
72 26.0 21.0 31.6

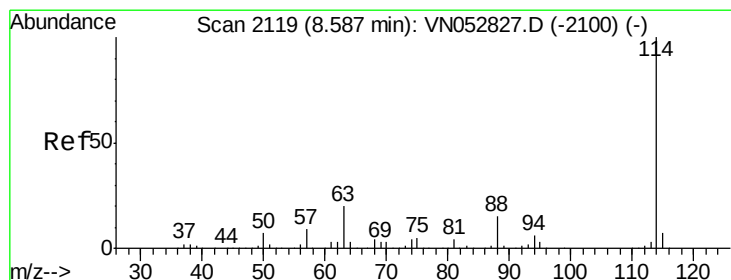
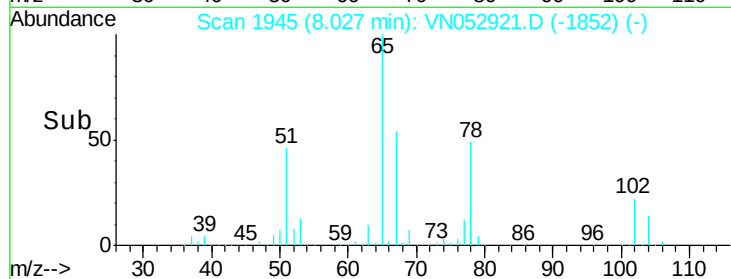
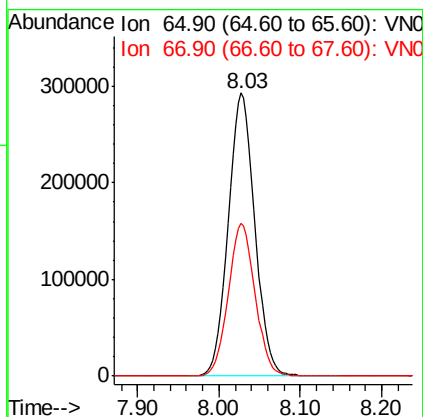
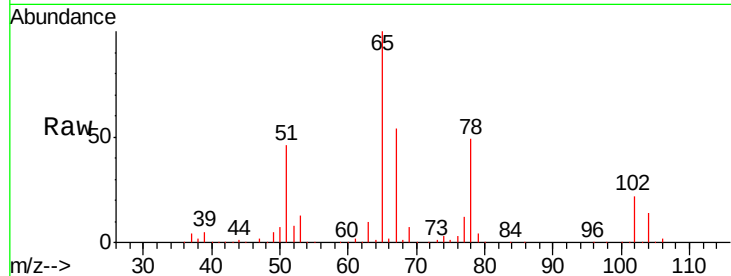




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

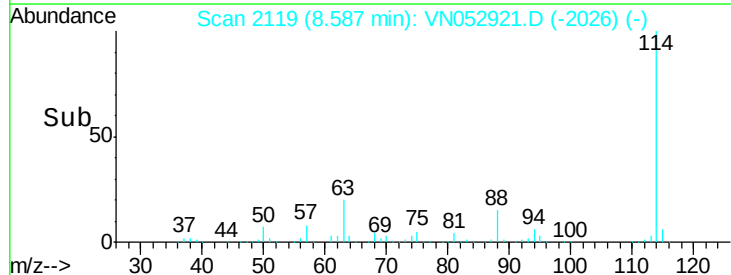
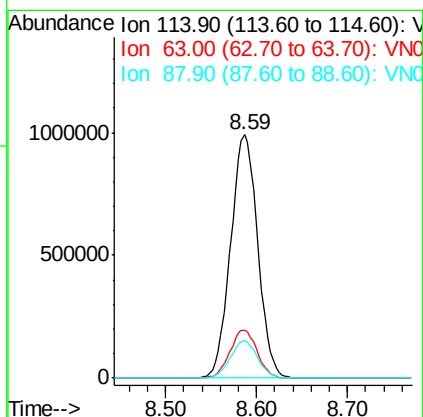
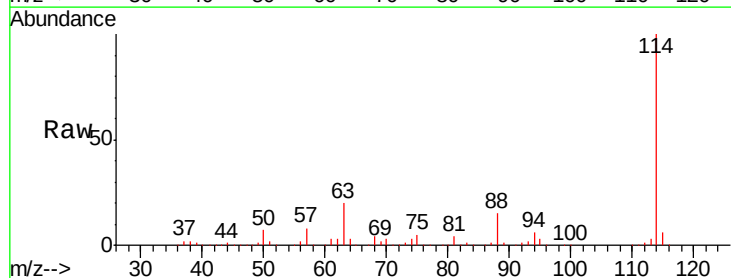
Instrument :
 MSVOA_N
 ClientSampleId :
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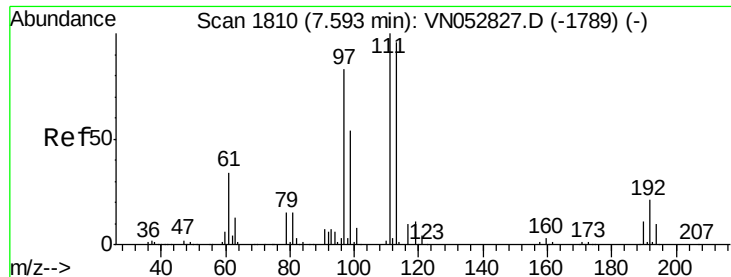
Tgt Ion: 65 Resp: 669854
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 114 Resp: 2051029
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.3 0.0 31.0

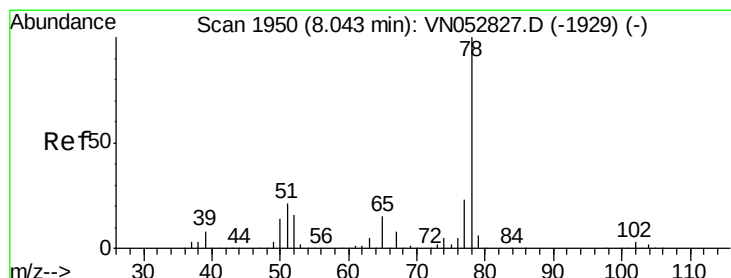
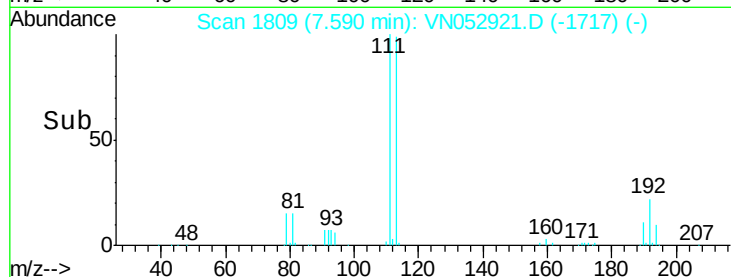
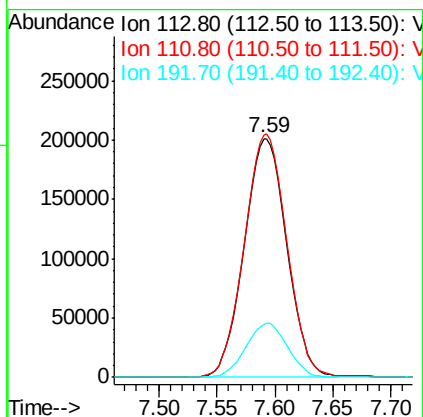
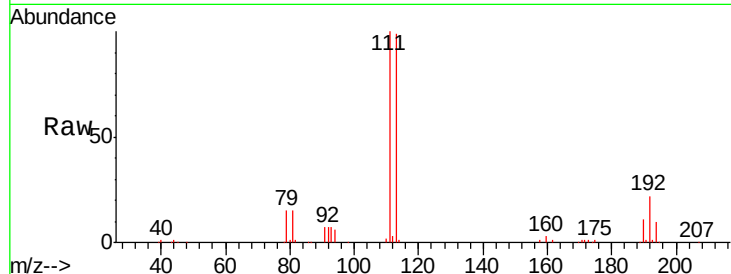




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

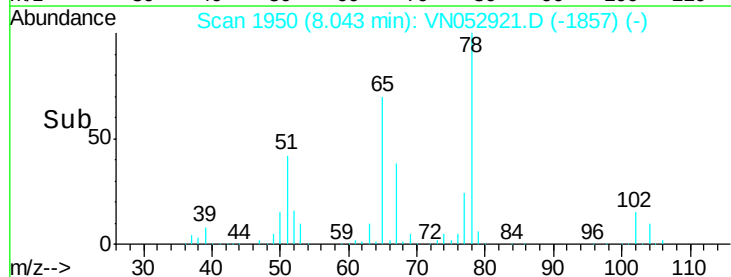
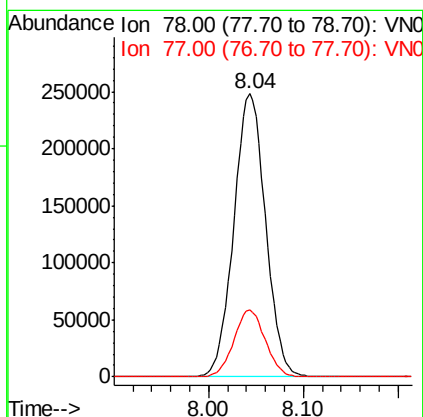
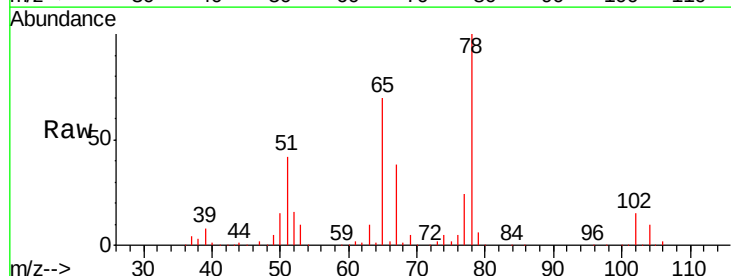
Instrument :
 MSVOA_N
 ClientSampled :
 23573

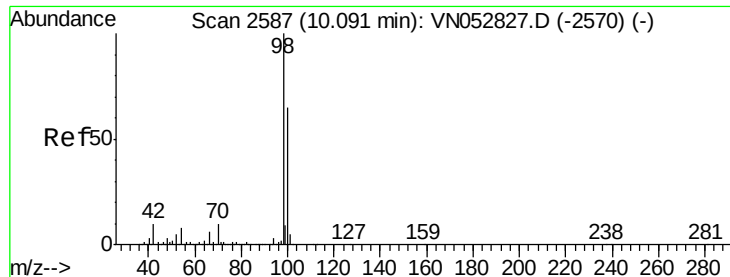
Tgt Ion: 113 Resp: 513528
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.4
 192 22.2 17.5 26.3



#40
 Benzene
 Concen: 10.233 ug/l
 RT: 8.04 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

Tgt Ion: 78 Resp: 580081
 Ion Ratio Lower Upper
 78 100
 77 23.6 18.5 27.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

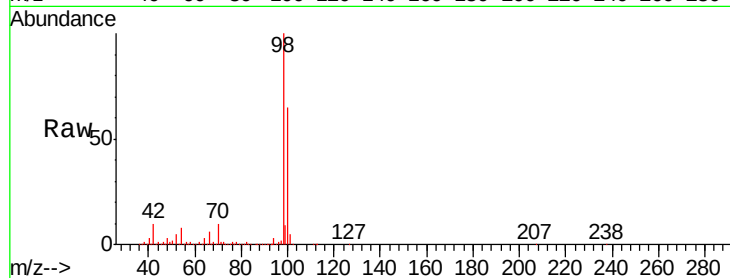
ClientSampleId :
23573

Tgt Ion: 98 Resp: 2527601

Ion Ratio Lower Upper

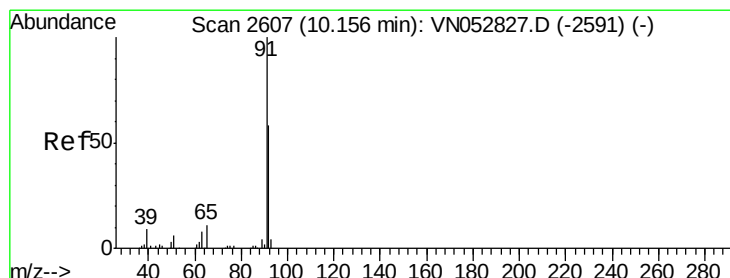
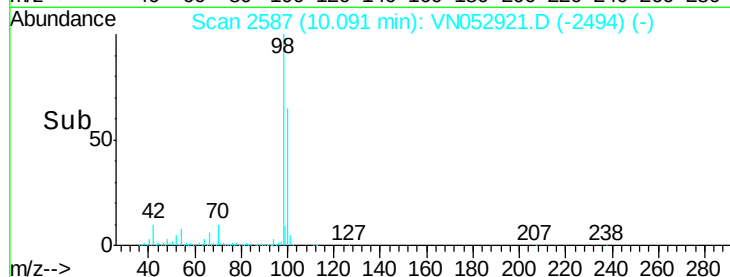
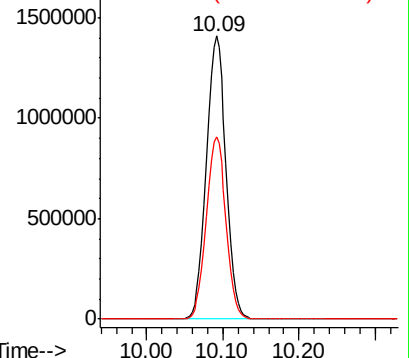
98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 28.026 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052921.D

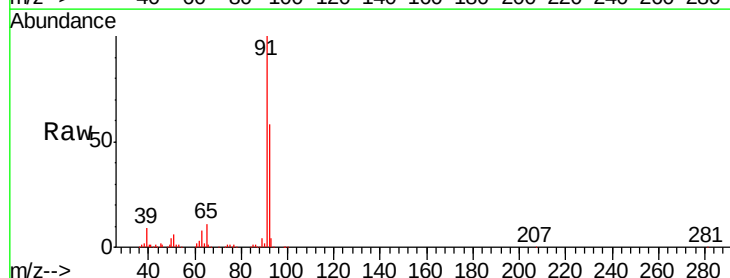
Acq: 17 Dec 2018 12:31

Tgt Ion: 92 Resp: 962240

Ion Ratio Lower Upper

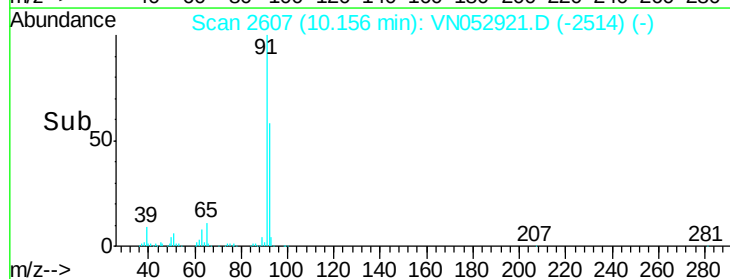
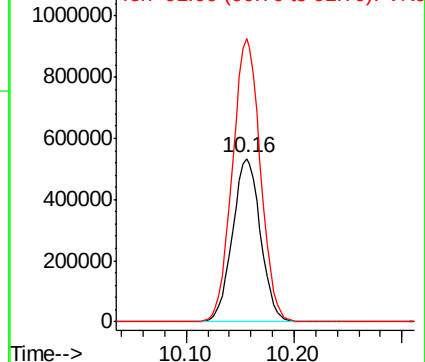
92 100

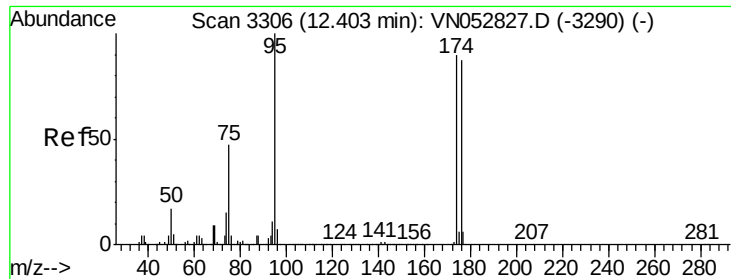
91 174.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

23573

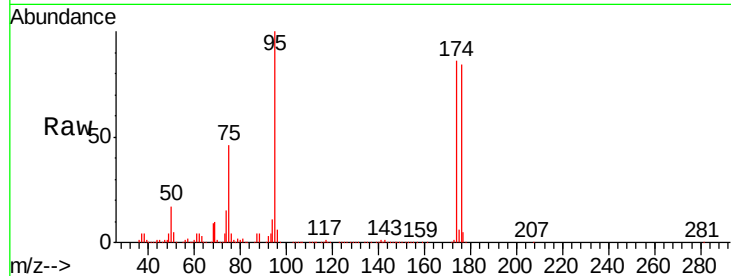
Tgt Ion: 95 Resp: 859552

Ion Ratio Lower Upper

95 100

174 87.9 0.0 178.8

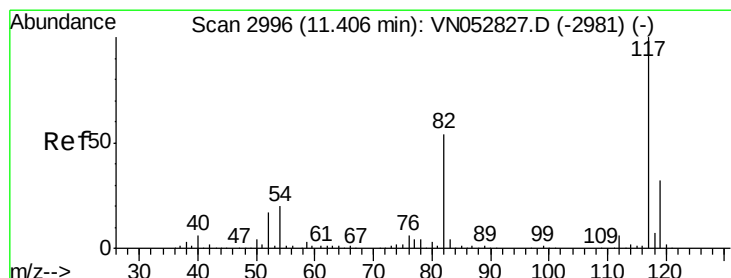
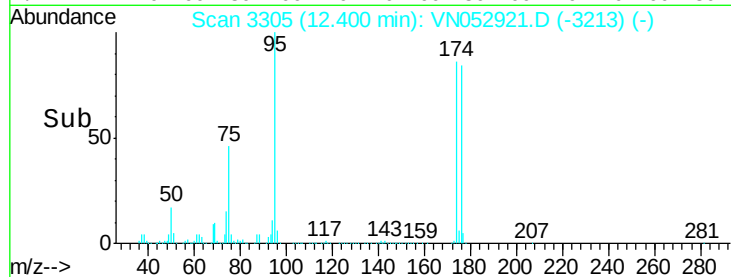
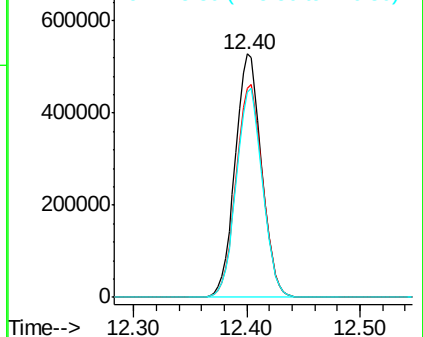
176 85.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052921.D

Acq: 17 Dec 2018 12:31

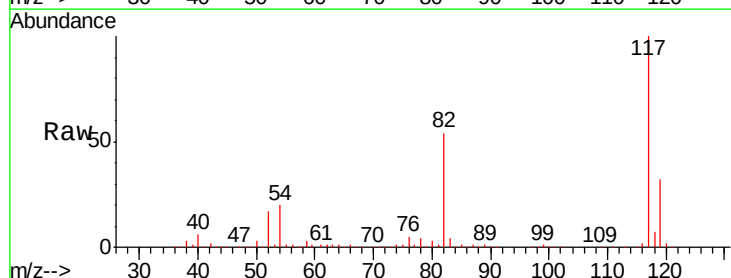
Tgt Ion: 117 Resp: 1868702

Ion Ratio Lower Upper

117 100

82 54.2 42.8 64.2

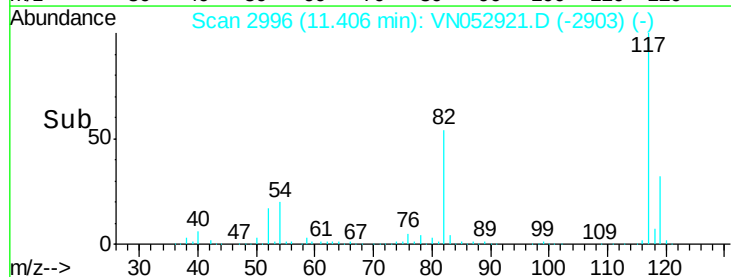
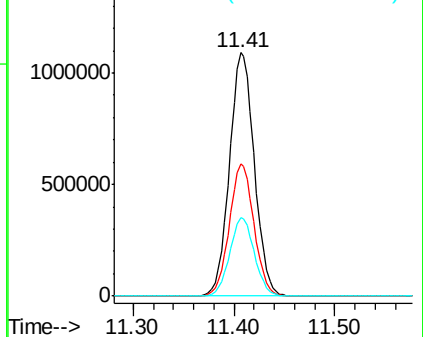
119 32.1 25.5 38.3

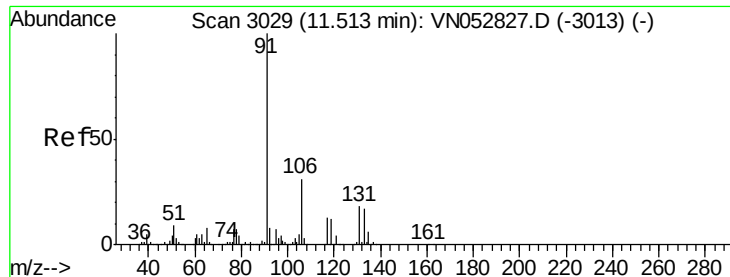


Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052827.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052827.D (-2981) (-)

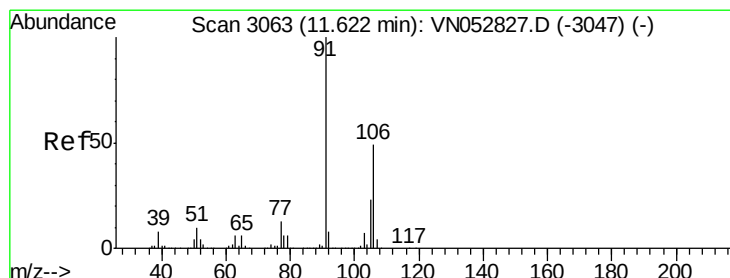
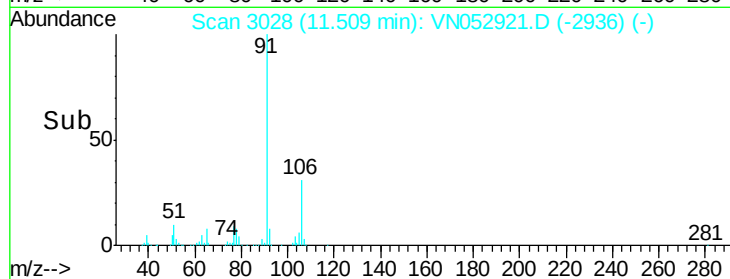
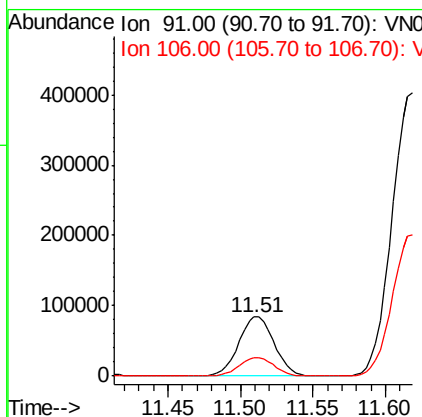
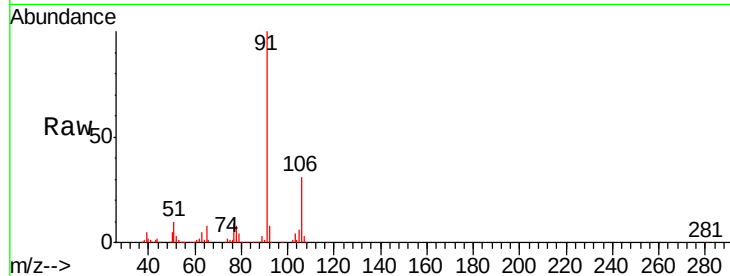




#67
Ethyl Benzene
Concen: 2.166 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

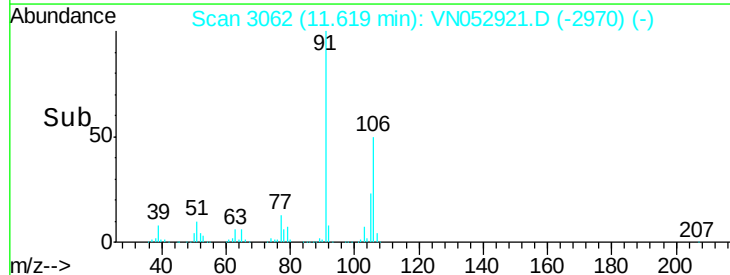
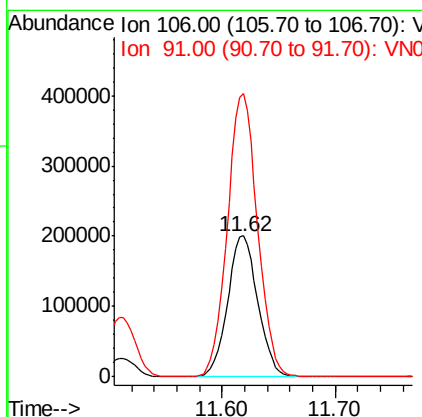
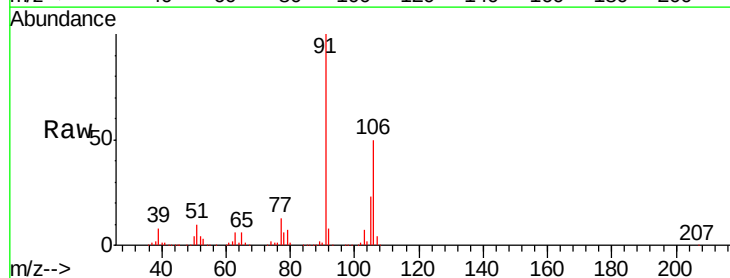
Instrument :
MSVOA_N
ClientSampled :
23573

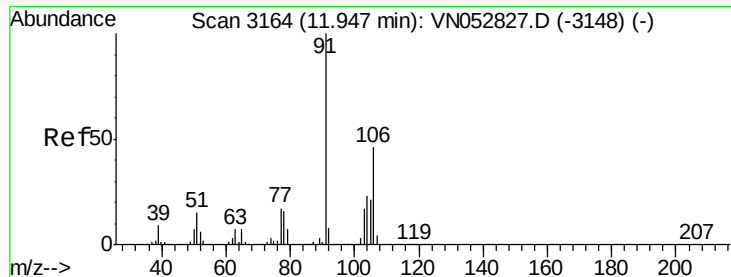
Tgt Ion: 91 Resp: 144226
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 14.795 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 106 Resp: 369874
Ion Ratio Lower Upper
106 100
91 201.1 162.2 243.4

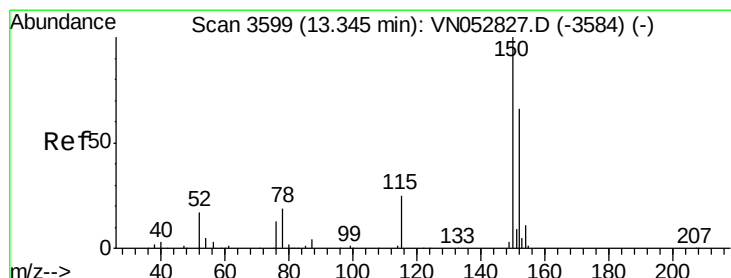
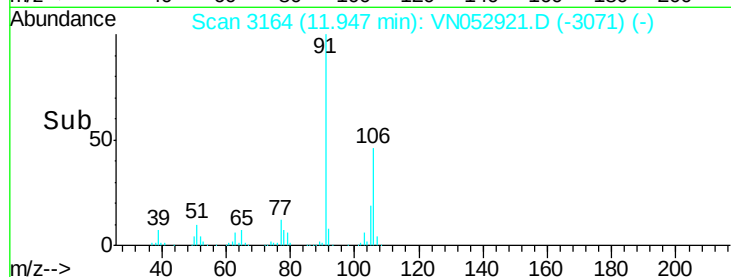
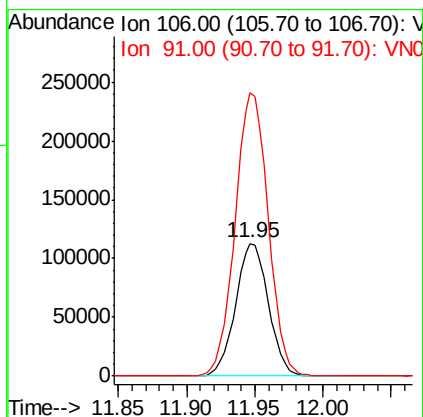
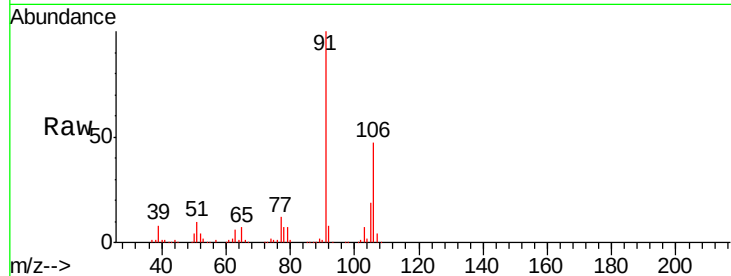




#69
o-Xylene
Concen: 7.689 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

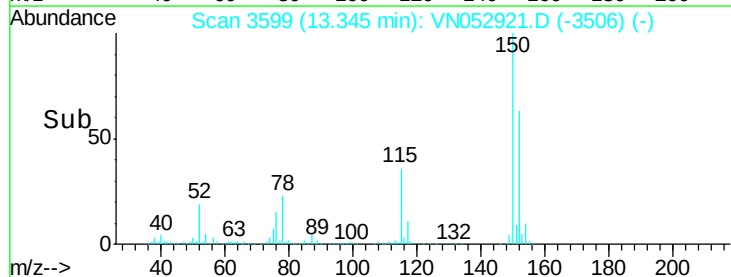
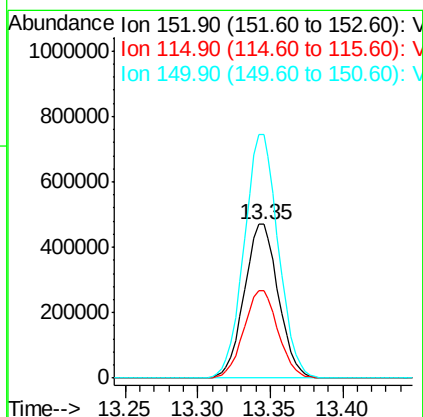
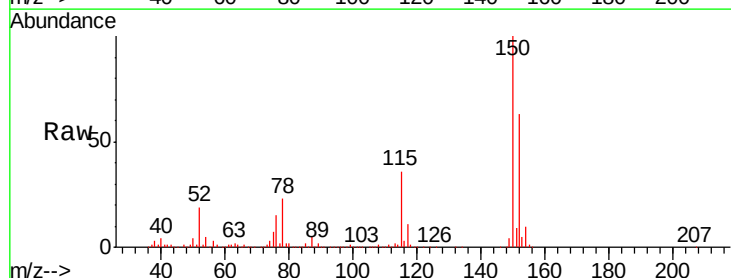
Instrument :
MSVOA_N
ClientSampled :
23573

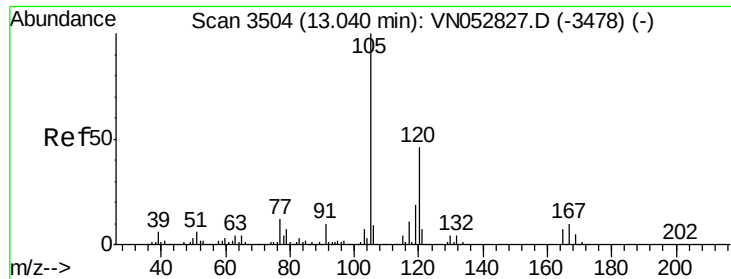
Tgt Ion:106 Resp: 187707
Ion Ratio Lower Upper
106 100
91 216.0 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052921.D
Acq: 17 Dec 2018 12:31

Tgt Ion:152 Resp: 770184
Ion Ratio Lower Upper
152 100
115 57.2 28.3 85.0
150 158.9 0.0 347.8

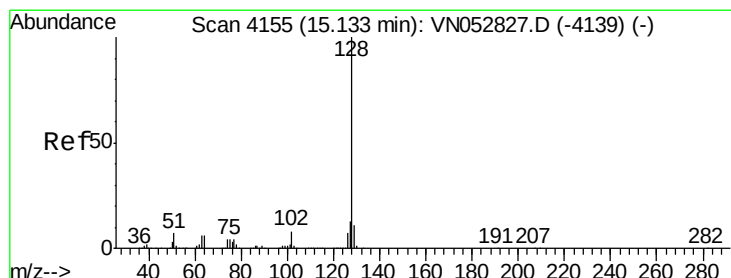
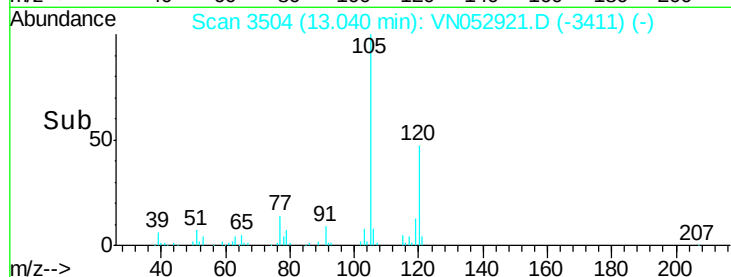
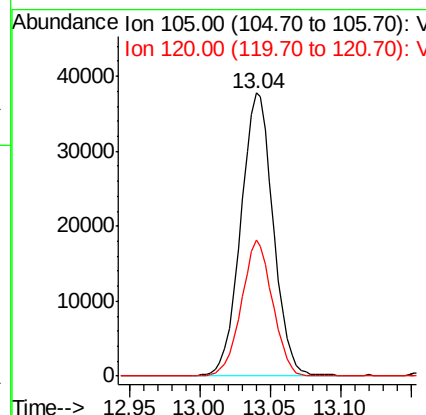
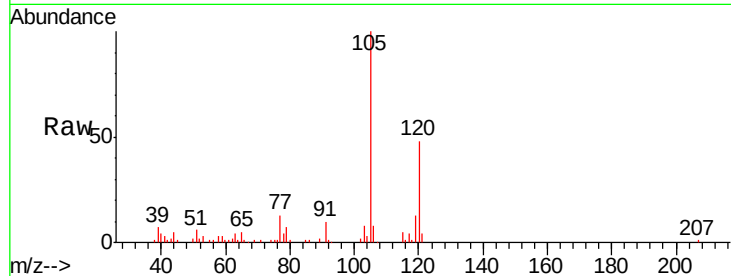




#84
 1,2,4-Trimethylbenzene
 Concen: 1.295 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 23573

Tgt Ion:105 Resp: 60880
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.8



#95
 Naphthalene
 Concen: 1.513 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN052921.D
 Acq: 17 Dec 2018 12:31

Tgt Ion:128 Resp: 42601
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.4
 129 11.2 8.6 13.0

