

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053977.D
 Acq On : 27 Feb 2019 19:17
 Operator : JC/SP
 Sample : K1350-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-022619-A

Quant Time: Feb 28 07:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1125596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1111431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	434109	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	407828	56.39	ug/l	0.00
Spiked Amount						
			Recovery	=	112.78%	
35) Dibromofluoromethane	7.59	113	364000	50.01	ug/l	0.00
Spiked Amount						
			Recovery	=	100.02%	
50) Toluene-d8	10.09	98	1442460	53.24	ug/l	0.00
Spiked Amount						
			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.40	95	489173	54.19	ug/l	0.00
Spiked Amount						
			Recovery	=	108.38%	

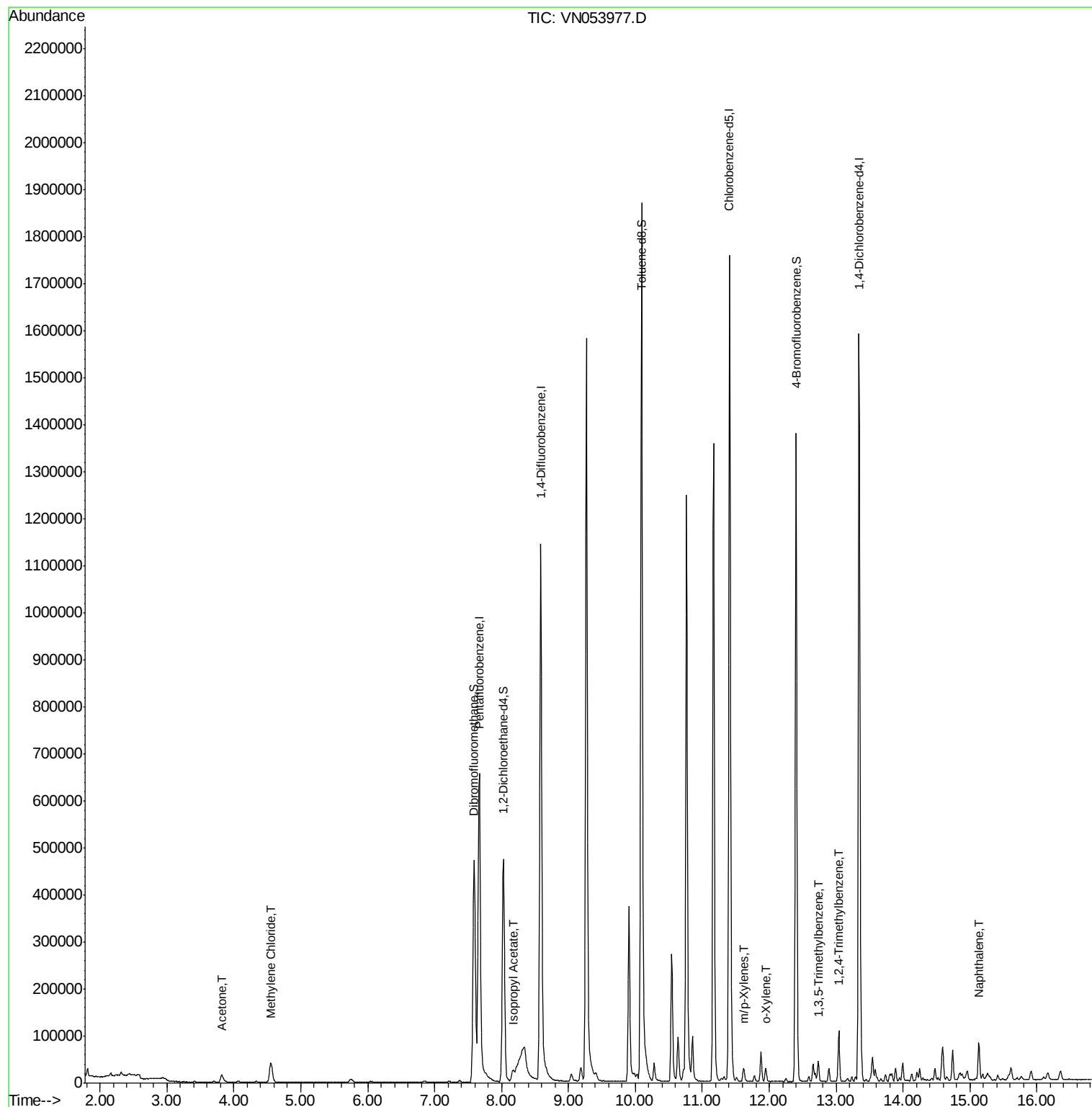
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	26833	1.953	ug/l	95
20) Methylene Chloride	4.55	84	30365	4.242	ug/l #	87
43) Isopropyl Acetate	8.16	43	35339	2.800	ug/l #	88
68) m/p-Xylenes	11.62	106	9835	0.663	ug/l	99
69) o-Xylene	11.95	106	8628	0.592	ug/l	89
80) 1,3,5-Trimethylbenzene	12.73	105	22258	0.805	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	61969	2.244	ug/l	98
95) Naphthalene	15.13	128	71621	7.111	ug/l	99

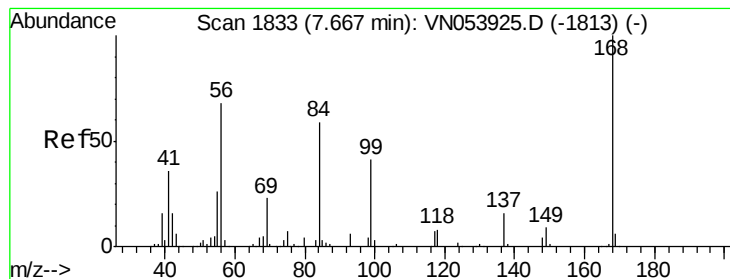
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022719\
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QLast Update : Tue Feb 26 05:37:40 2019
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: VN053977.D

Acq: 27 Feb 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

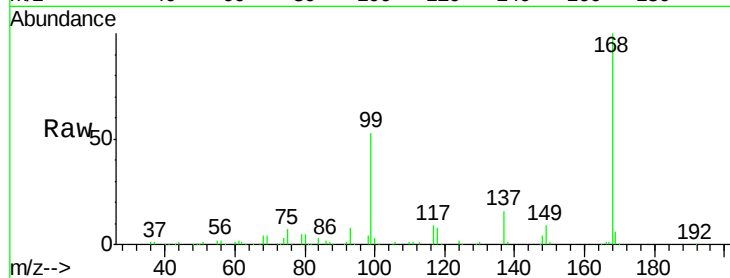
EO-01-022619-A

Tot Ion:168 Resp: 616935

Ion Ratio Lower Upper

168 100

99 52.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053977.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053977.D (-1740) (-)

7.67

250000

200000

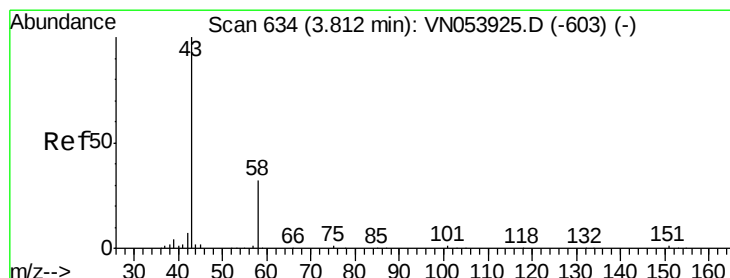
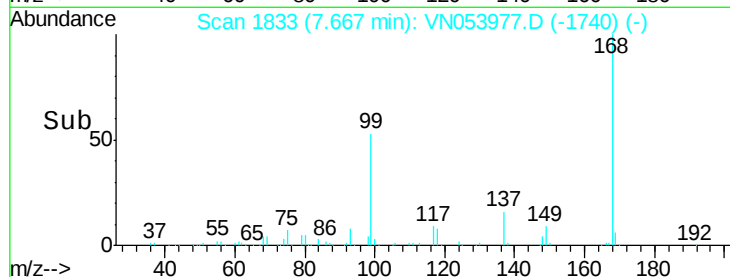
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1.953 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053977.D

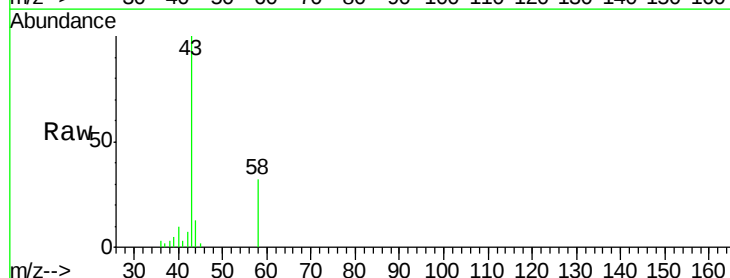
Acq: 27 Feb 2019 19:17

Tgt Ion: 43 Resp: 26833

Ion Ratio Lower Upper

43 100

58 31.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053977.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN053977.D (-540) (-)

3.82

10000

8000

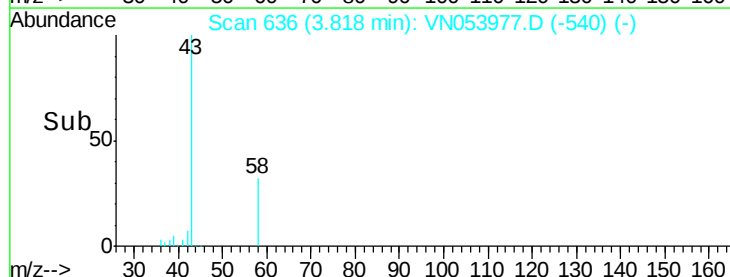
6000

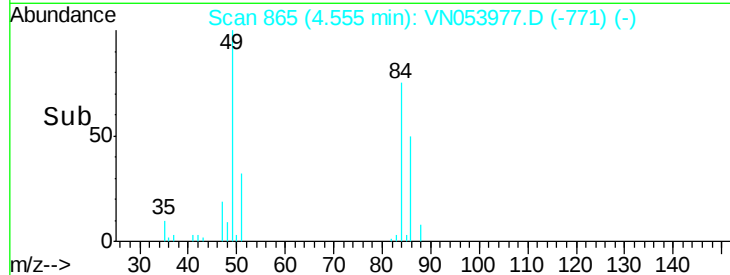
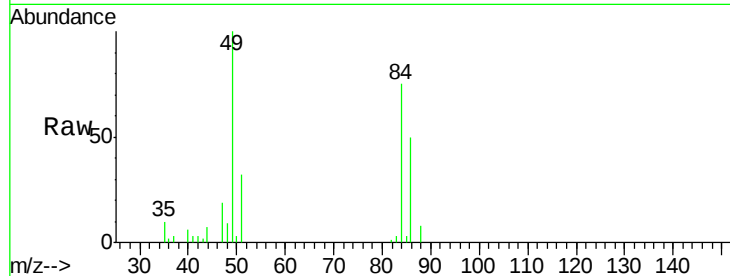
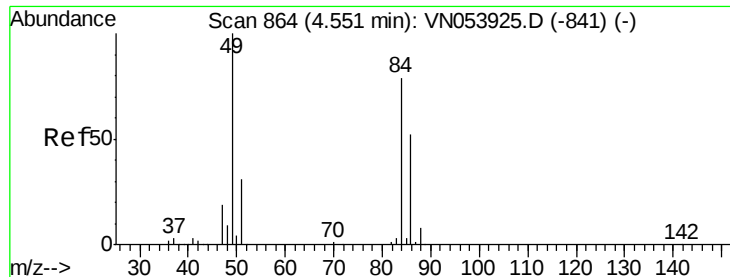
4000

2000

0

Time--> 3.70 3.80 3.90

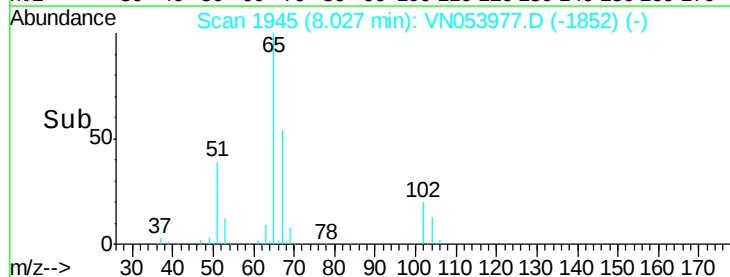
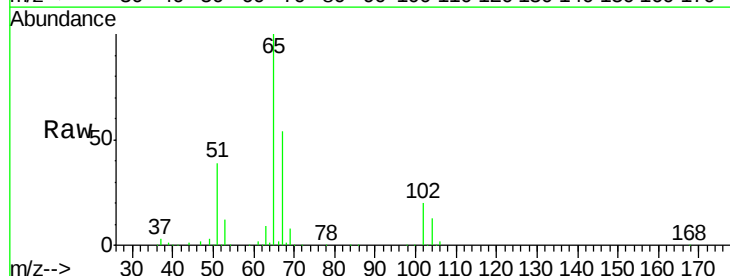
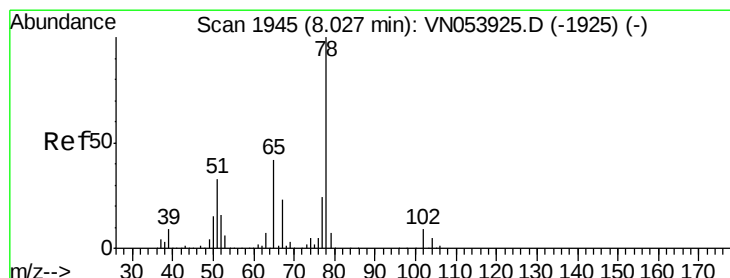
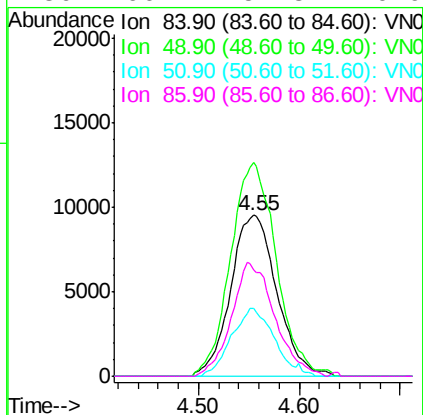




#20
Methvlene Chloride
Concen: 4.242 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053977.D
Acq: 27 Feb 2019 19:17

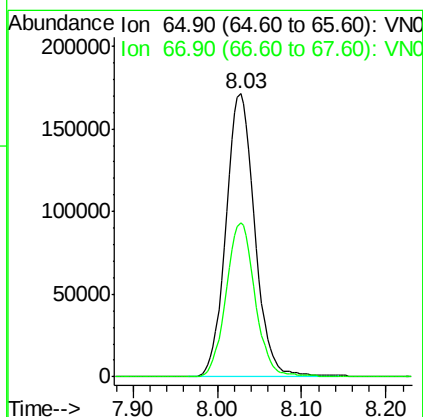
Instrument :
MSVOA_N
ClientSampleId :
EO-01-022619-A

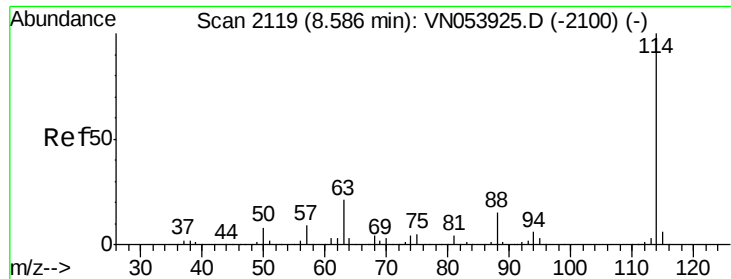
Tot Ion: 84 Resp: 30365
Ion Ratio Lower Upper
84 100
49 132.5 89.7 134.5
51 42.4 27.8 41.8#
86 66.1 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 56.393 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053977.D
Acq: 27 Feb 2019 19:17

Tgt Ion: 65 Resp: 407828
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.8

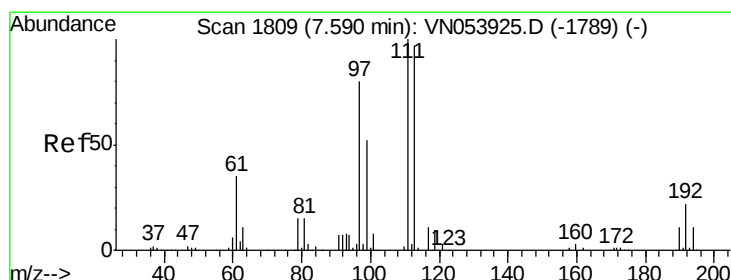
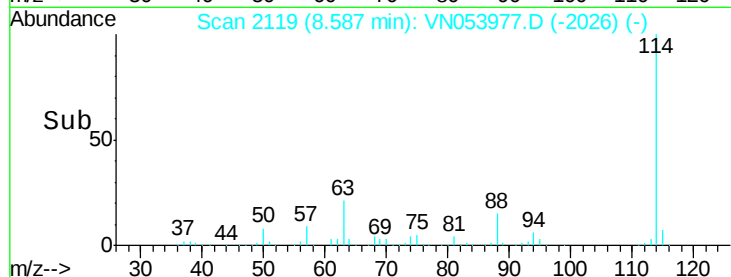
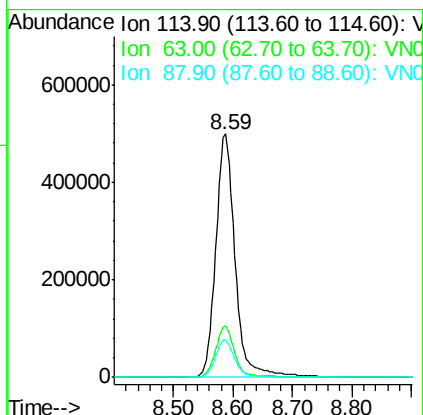
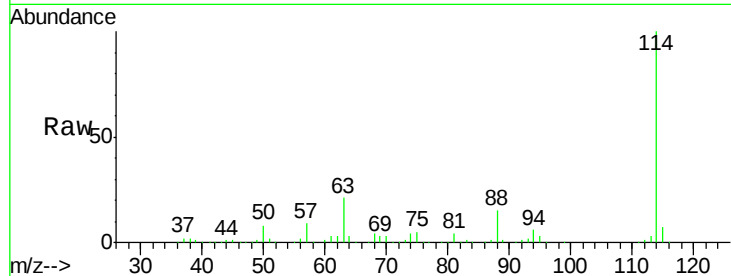




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053977.D
 Acq: 27 Feb 2019 19:17

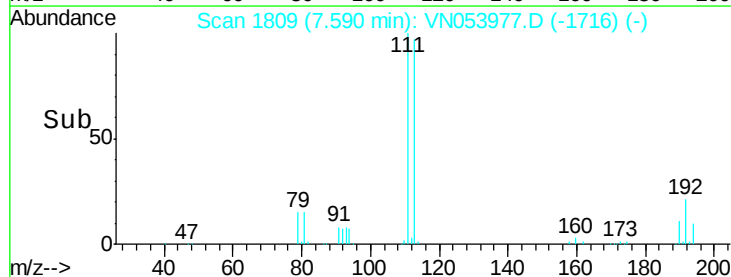
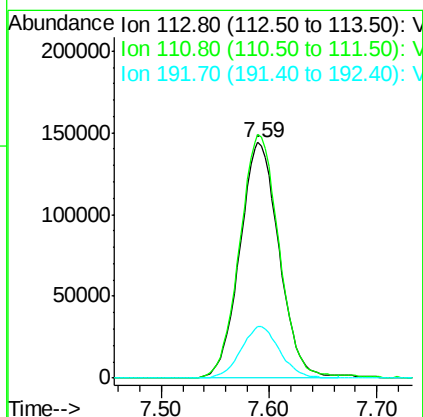
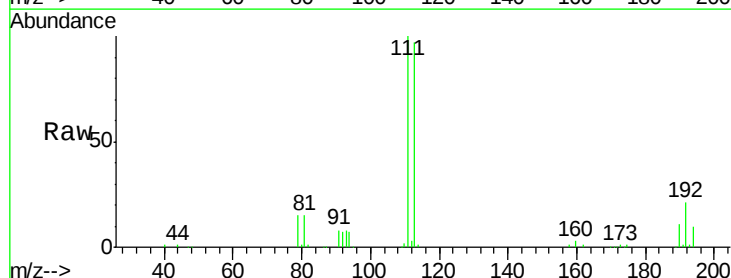
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-022619-A

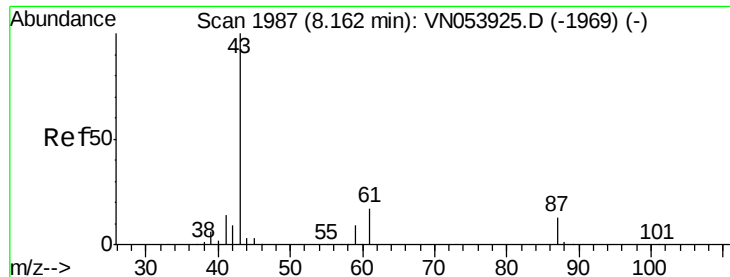
Tot Ion:114 Resp: 1125596
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 37.4
 88 15.2 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.009 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053977.D
 Acq: 27 Feb 2019 19:17

Tgt Ion:113 Resp: 364000
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.1 121.7
 192 21.7 18.8 28.2





#43

Isopropyl Acetate

Concen: 2.800 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053977.D

Acq: 27 Feb 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

EO-01-022619-A

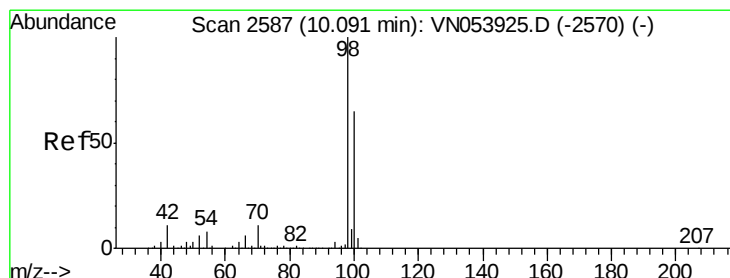
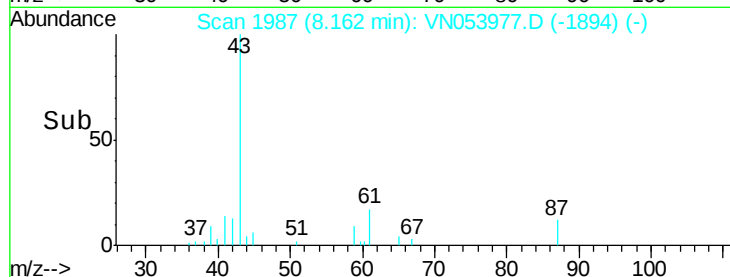
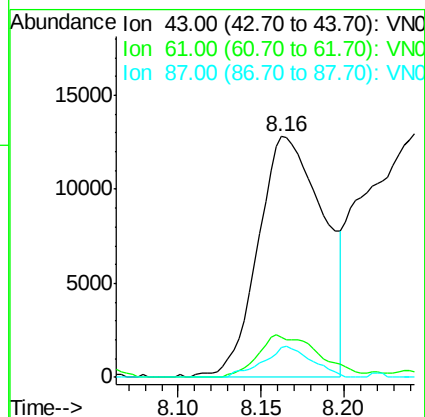
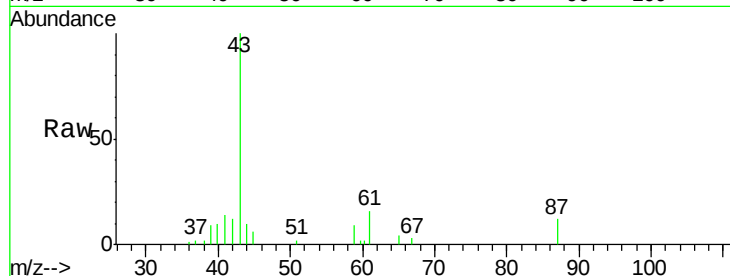
Tot Ion: 43 Resp: 35339

Ion Ratio Lower Upper

43 100

61 16.4 17.4 26.0#

87 9.5 11.5 17.3#



#50

Toluene-d8

Concen: 53.236 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053977.D

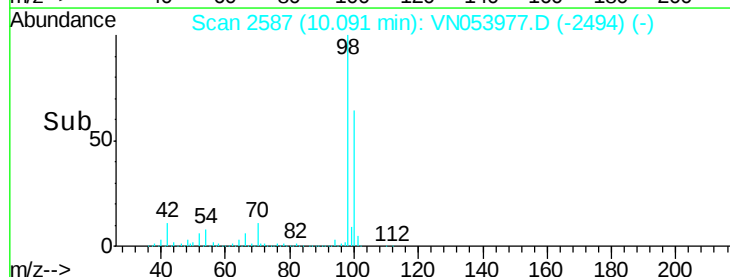
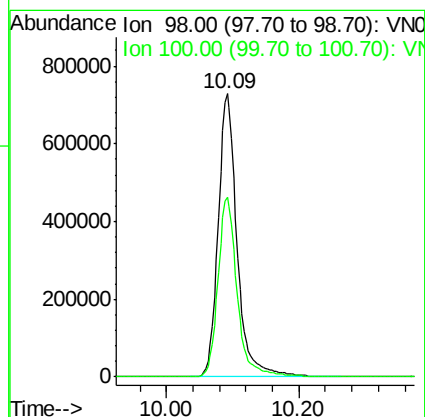
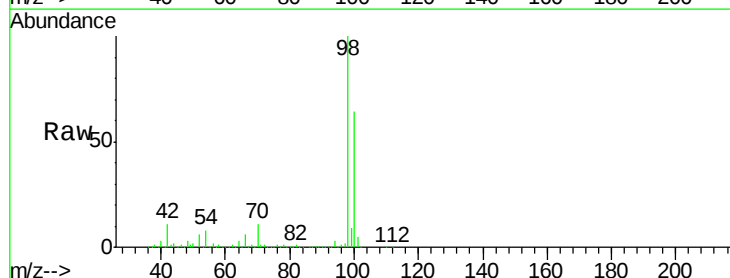
Acq: 27 Feb 2019 19:17

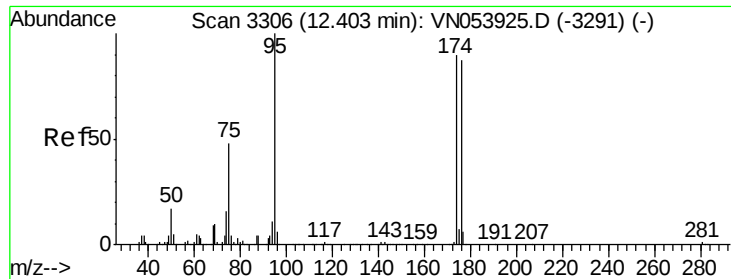
Tgt Ion: 98 Resp: 1442460

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9

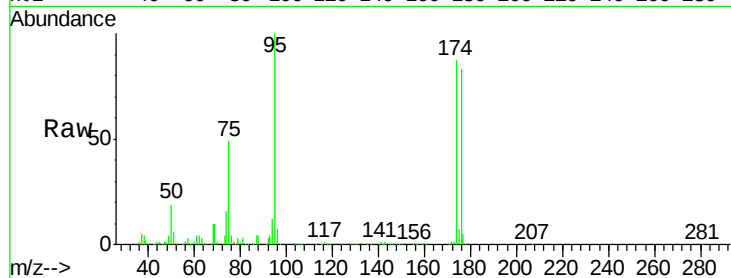




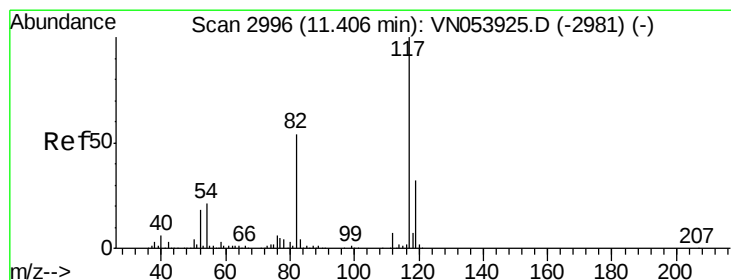
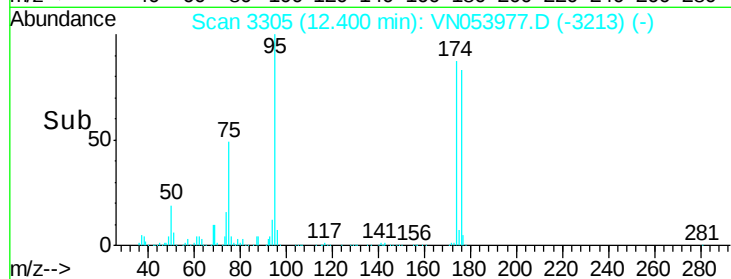
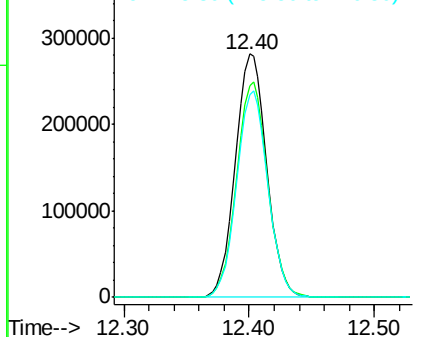
#62
 4-Bromofluorobenzene
 Concen: 54.187 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053977.D
 Acq: 27 Feb 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-022619-A

Tot Ion: 95 Resp: 489173
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 188.8
 176 84.2 0.0 182.6

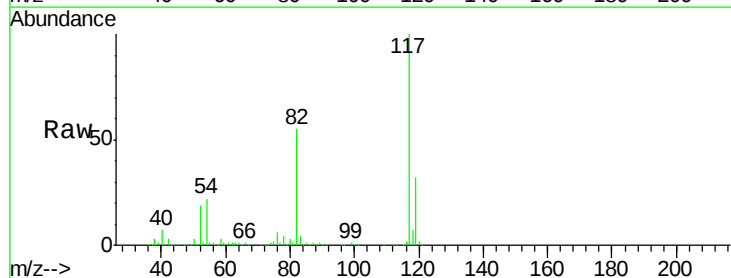


Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)
 Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)
 Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

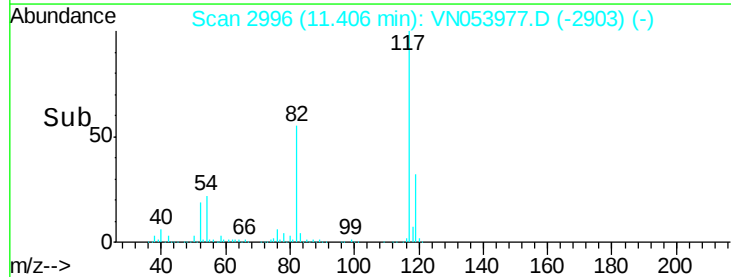
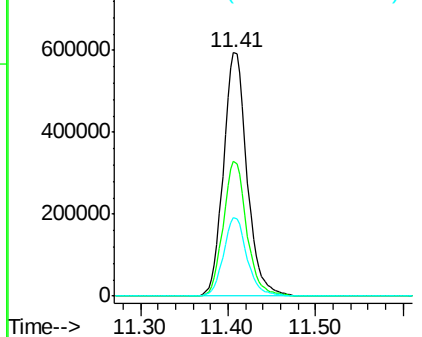


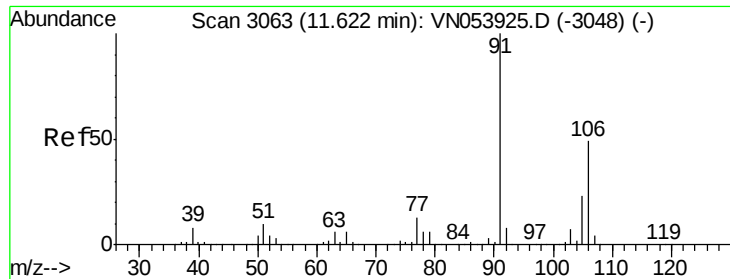
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN053977.D
 Acq: 27 Feb 2019 19:17

Tgt Ion: 117 Resp: 1111431
 Ion Ratio Lower Upper
 117 100
 82 55.2 41.4 62.2
 119 32.0 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)
 Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)
 Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

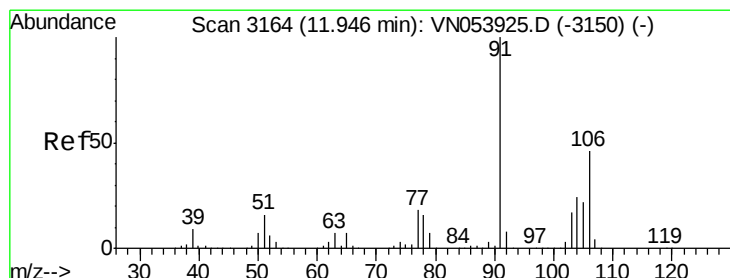
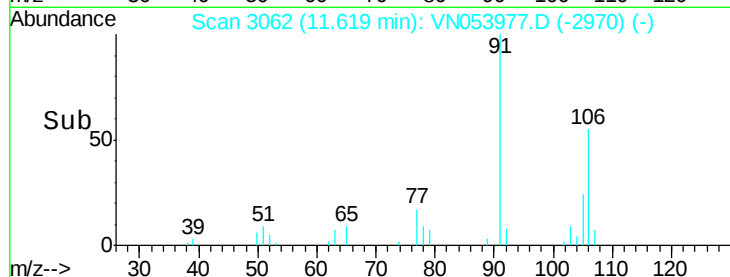
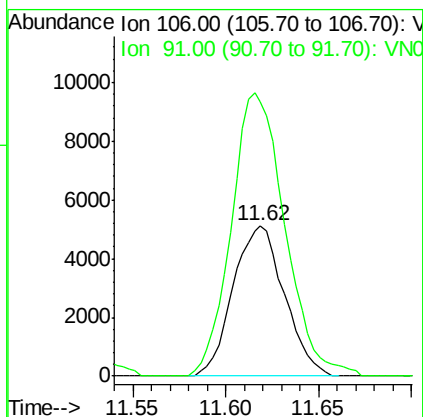
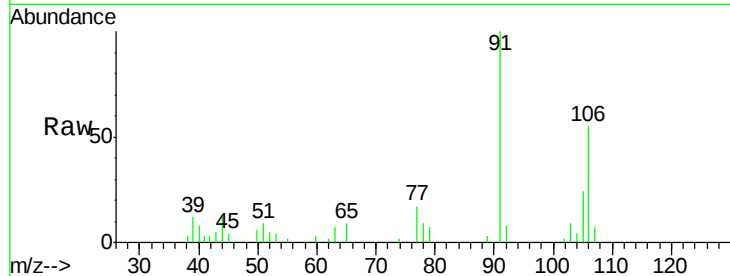




#68
m/p-Xvlenes
Concen: 0.663 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053977.D
Acq: 27 Feb 2019 19:17

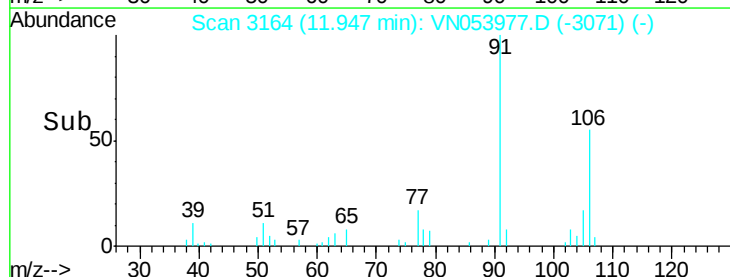
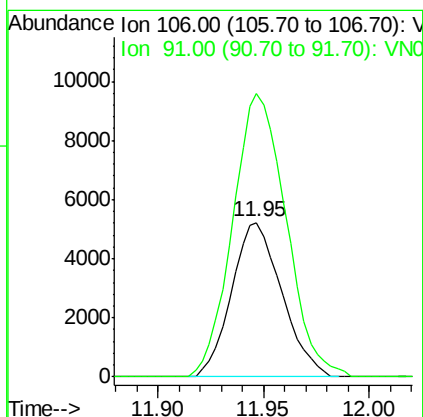
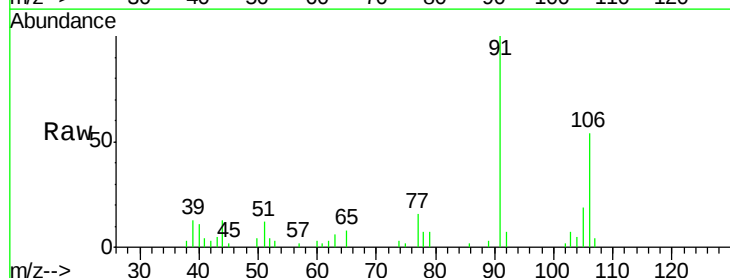
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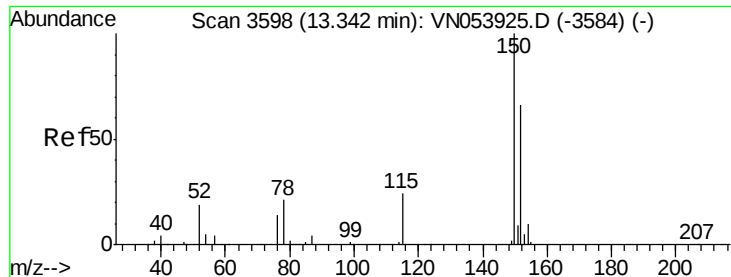
Tot Ion:106 Resp: 9835
Ion Ratio Lower Upper
106 100
91 196.8 158.9 238.3



#69
o-Xylene
Concen: 0.592 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053977.D
Acq: 27 Feb 2019 19:17

Tgt Ion:106 Resp: 8628
Ion Ratio Lower Upper
106 100
91 195.4 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053977.D

Acq: 27 Feb 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

EO-01-022619-A

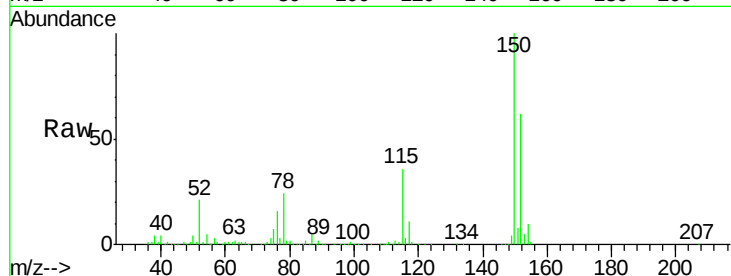
Tot Ion:152 Resp: 434109

Ion Ratio Lower Upper

152 100

115 57.6 27.2 81.6

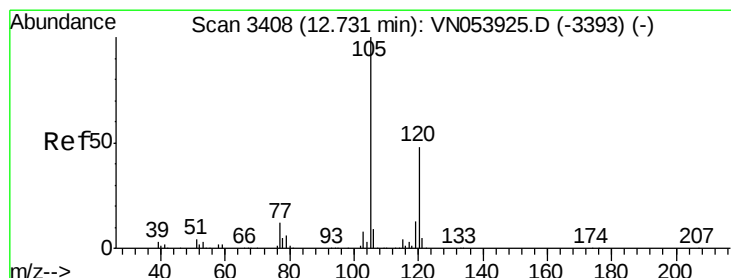
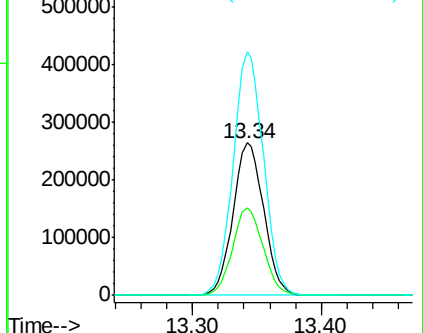
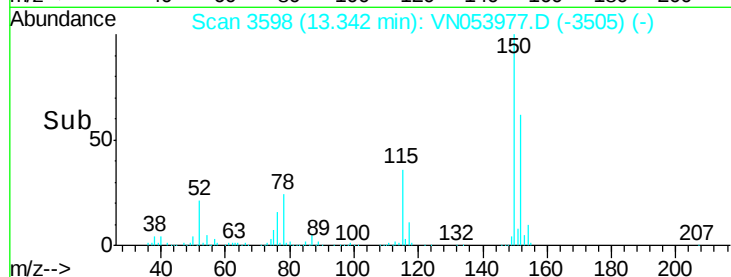
150 158.5 0.0 348.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.805 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053977.D

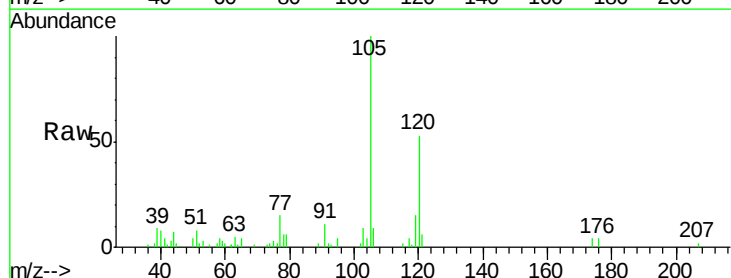
Acq: 27 Feb 2019 19:17

Tgt Ion:105 Resp: 22258

Ion Ratio Lower Upper

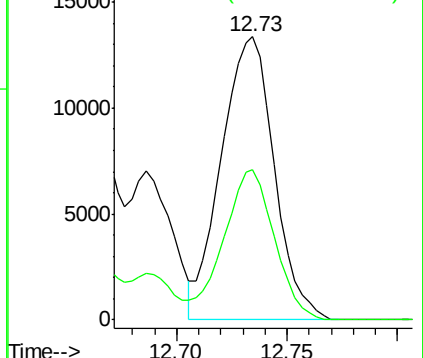
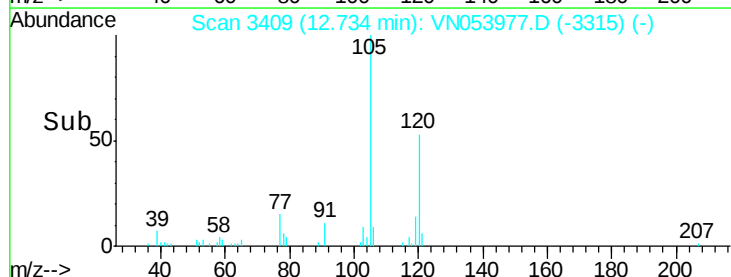
105 100

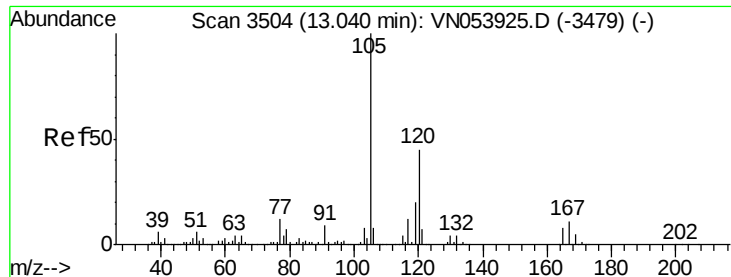
120 50.8 25.1 75.2



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: 2.244 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053977.D

Acq: 27 Feb 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

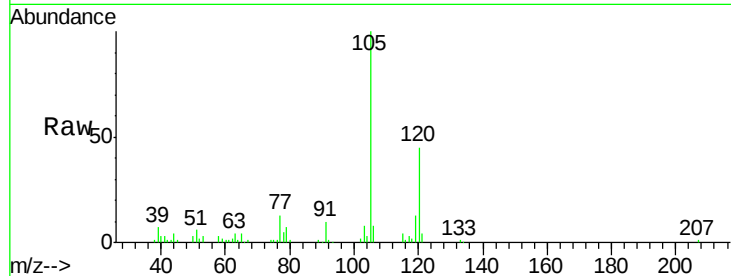
EO-01-022619-A

Tot Ion:105 Resp: 61969

Ion Ratio Lower Upper

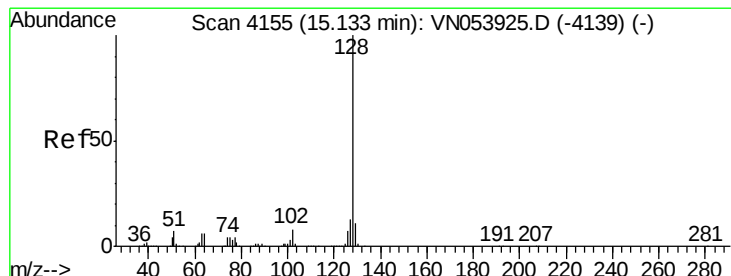
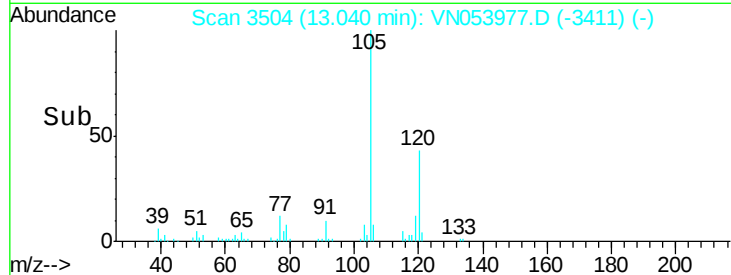
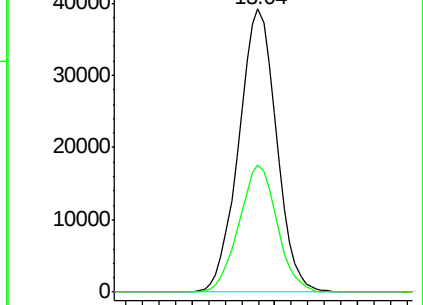
105 100

120 45.2 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 7.111 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053977.D

Acq: 27 Feb 2019 19:17

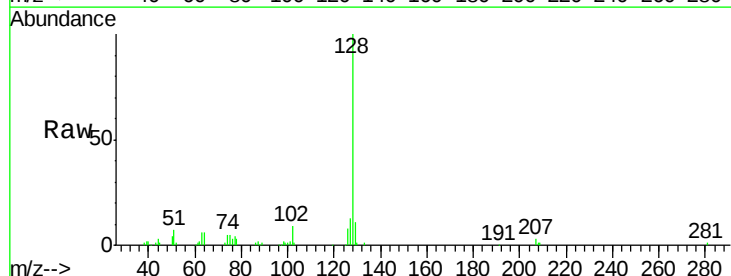
Tgt Ion:128 Resp: 71621

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.2 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

