

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052523.D
 Acq On : 28 Nov 2018 16:48
 Operator : MD\SY
 Sample : J6003-12MEDL 100X
 Misc : 5.80g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-05MEDL

Quant Time: Nov 28 17:19:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1454587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2191919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1912185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	803696	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	712105	44.96	ug/l	0.00
Spiked Amount			Recovery	=	89.92%	
35) Dibromofluoromethane	7.59	113	652235	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	10.09	98	2673794	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.40	95	877931	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	

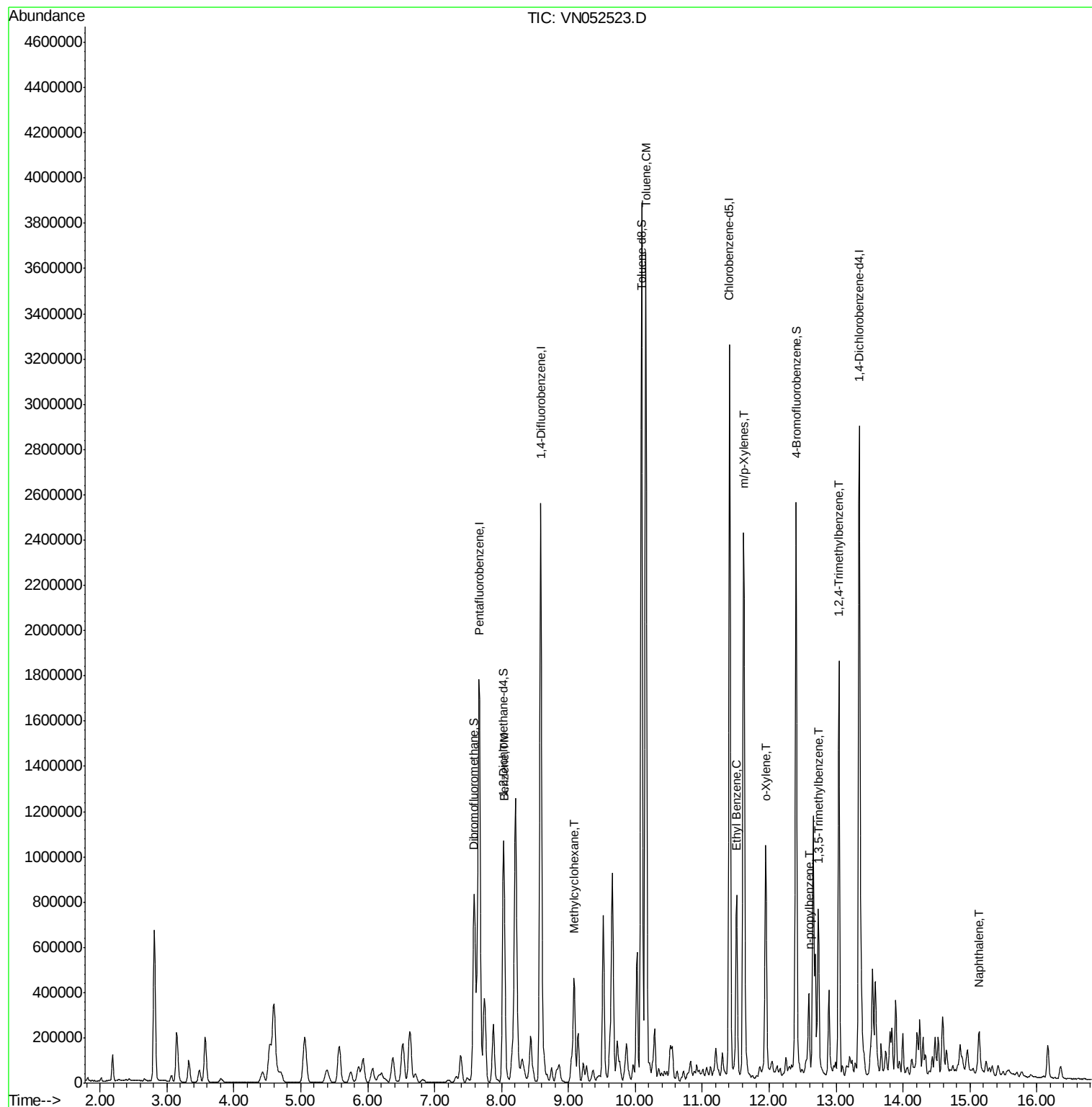
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	9.08	83	121194	4.817	ug/l	91
40) Benzene	8.04	78	354311	5.744	ug/l	100
52) Toluene	10.16	92	1601744	43.703	ug/l	99
67) Ethyl Benzene	11.51	91	589782	8.542	ug/l	99
68) m/p-Xylenes	11.62	106	784241	30.510	ug/l	100
69) o-Xylene	11.95	106	280429	11.235	ug/l	99
78) n-propylbenzene	12.59	91	258913	3.614	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	331359	6.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1050202	20.838	ug/l	100
95) Naphthalene	15.14	128	148090	7.987	ug/l	98

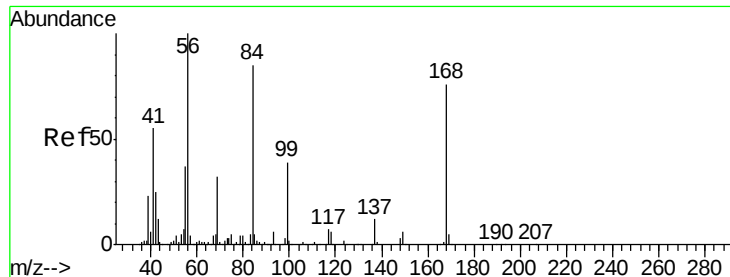
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112818\
Data File : VN052523.D
Acq On : 28 Nov 2018 16:48
Operator : MD\SY
Sample : J6003-12MEDL 100X
Misc : 5.80µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
AOC2-05MEDL

Quant Time: Nov 28 17:19:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 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: VN052523.D

Acq: 28 Nov 2018 16:48

Instrument :

MSVOA_N

ClientSampleId :

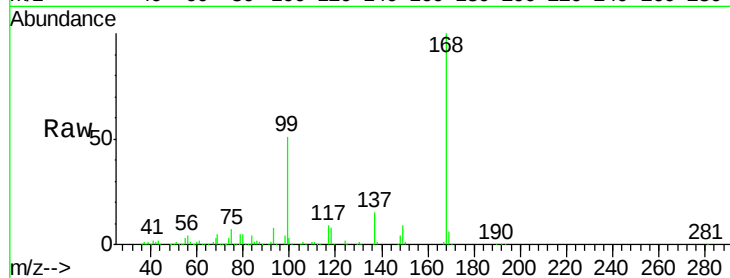
AOC2-05MEDL

Tot Ion:168 Resp: 1454587

Ion Ratio Lower Upper

168 100

99 50.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

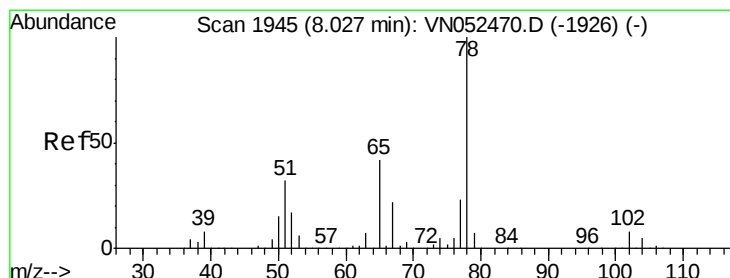
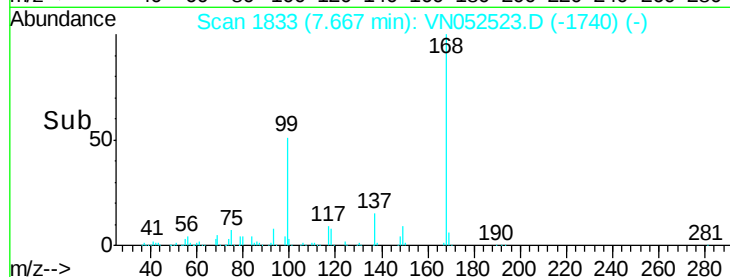
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052523.D

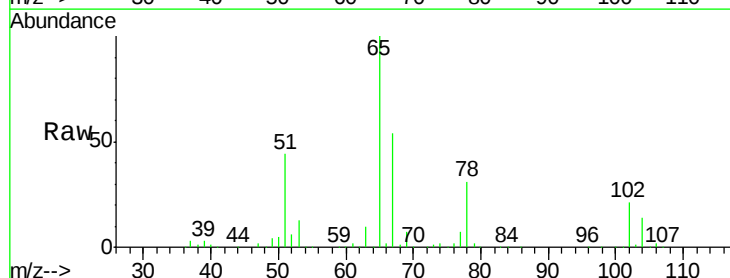
Acq: 28 Nov 2018 16:48

Tgt Ion: 65 Resp: 712105

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

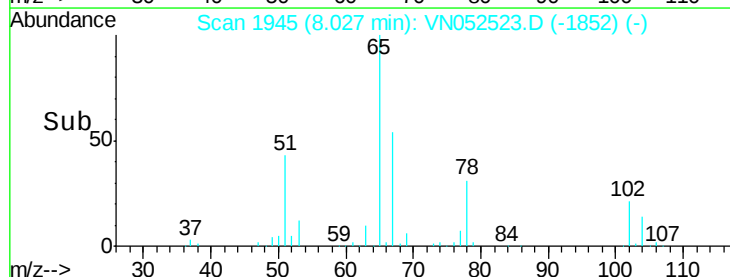
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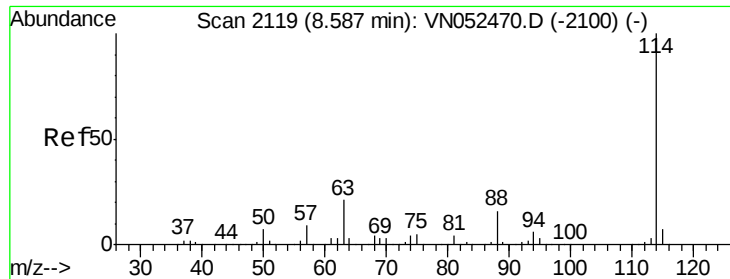
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100000

0

Time-->

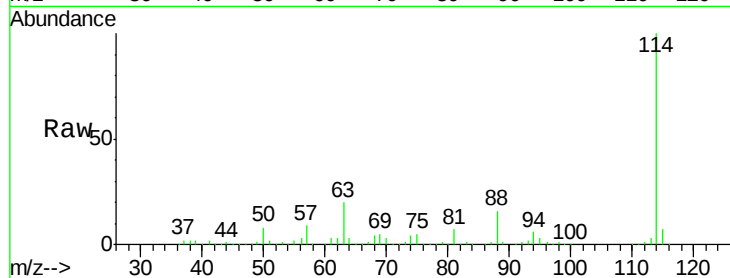




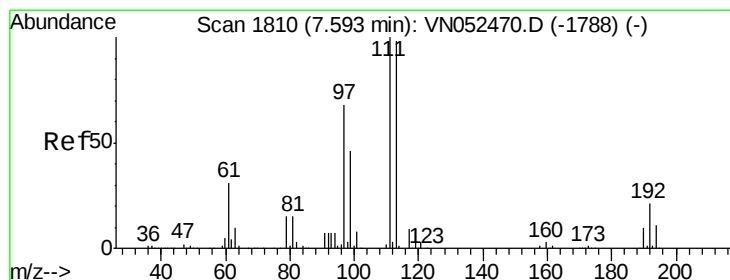
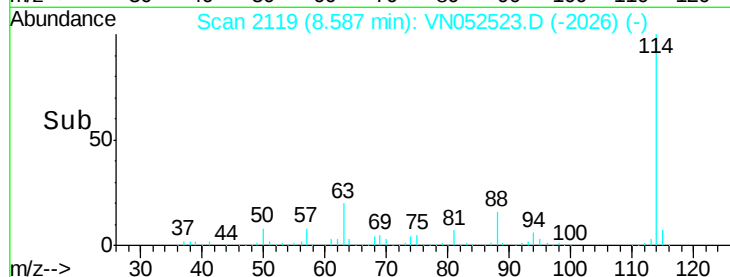
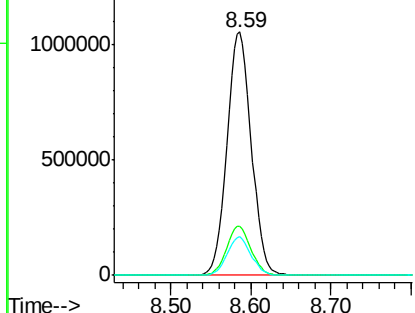
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052523.D
 Acq: 28 Nov 2018 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-05MEDL

Tot Ion:114 Resp: 2191919
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.8
 88 15.7 0.0 31.6

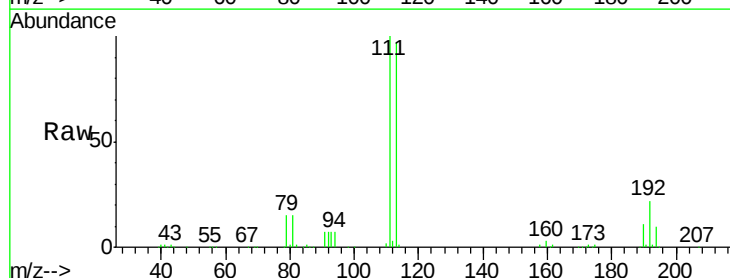


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

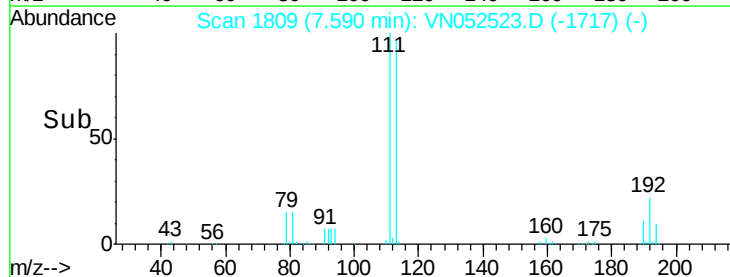
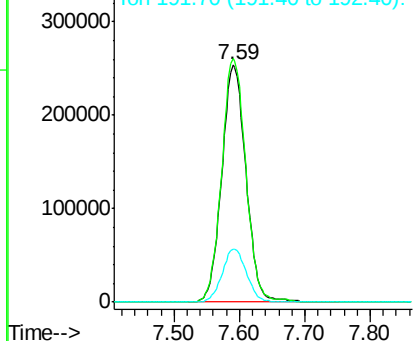


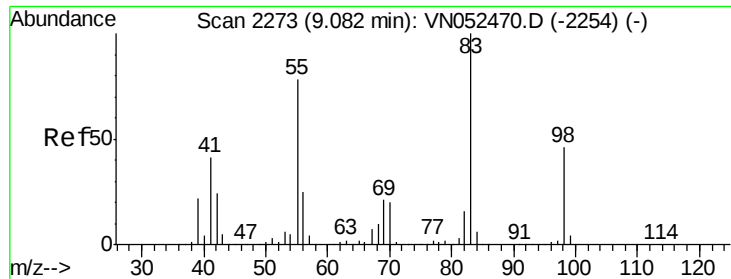
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052523.D
 Acq: 28 Nov 2018 16:48

Tgt Ion:113 Resp: 652235
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 22.3 17.0 25.6



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

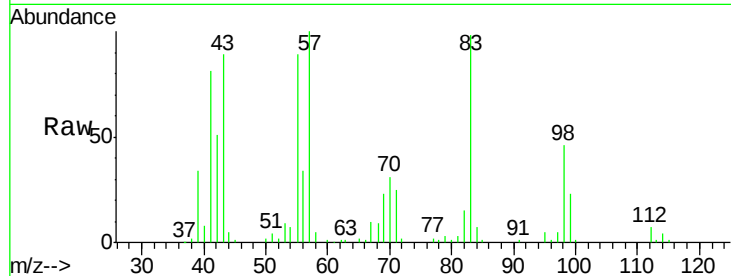




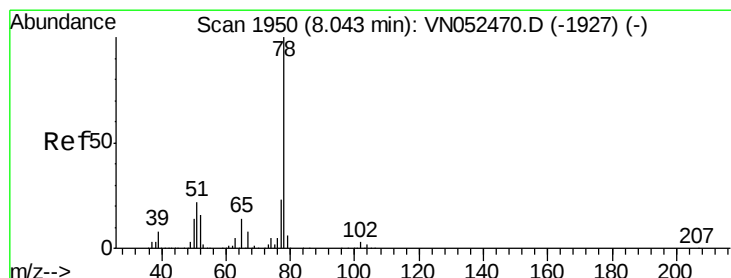
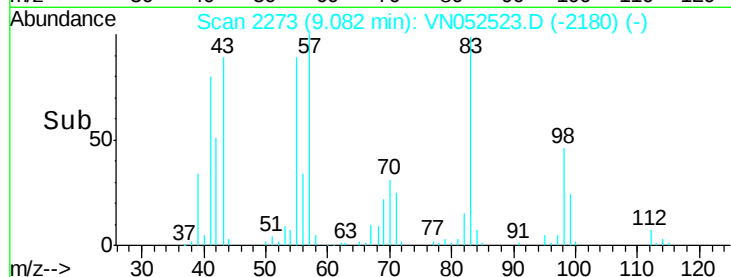
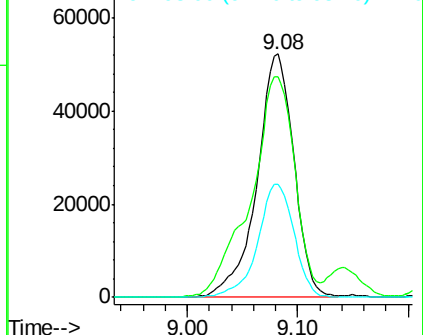
#39
Methvlcvclohexane
Concen: 4.817 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052523.D
Acq: 28 Nov 2018 16:48

Instrument :
MSVOA_N
ClientSampleId :
AOC2-05MEDL

Tot Ion: 83 Resp: 121194
Ion Ratio Lower Upper
83 100
55 89.9 62.2 93.2
98 46.4 36.4 54.6

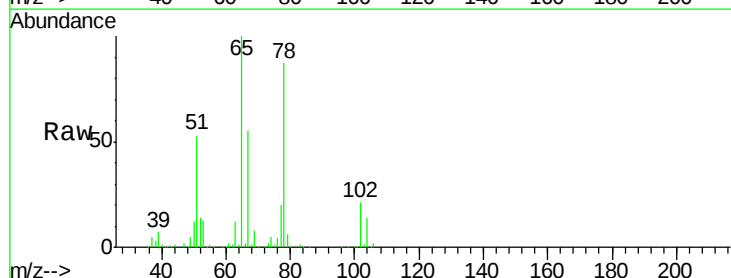


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

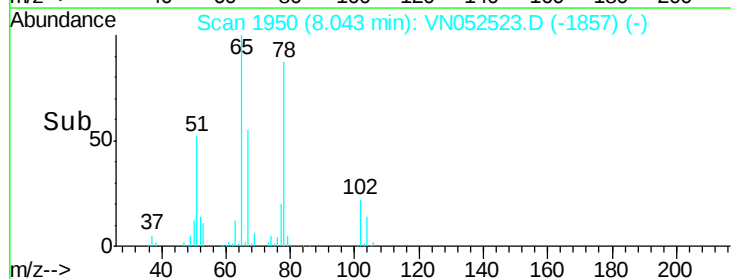
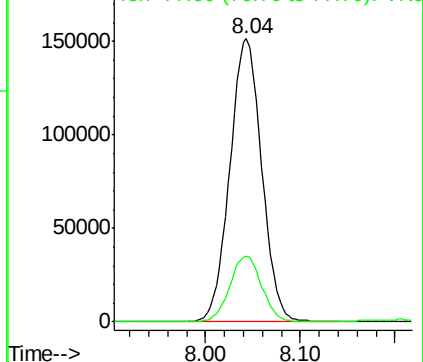


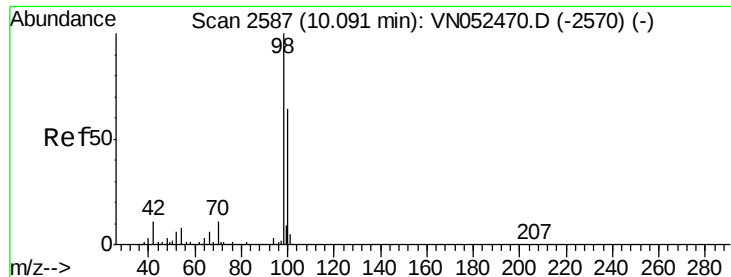
#40
Benzene
Concen: 5.744 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052523.D
Acq: 28 Nov 2018 16:48

Tgt Ion: 78 Resp: 354311
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052523.D

Acq: 28 Nov 2018 16:48

Instrument :

MSVOA_N

ClientSampleId :

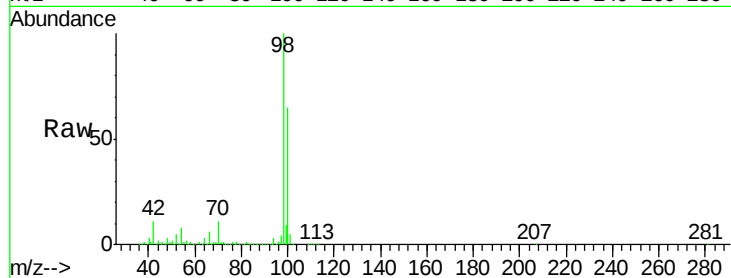
AOC2-05MEDL

Tot Ion: 98 Resp: 2673794

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

10.09

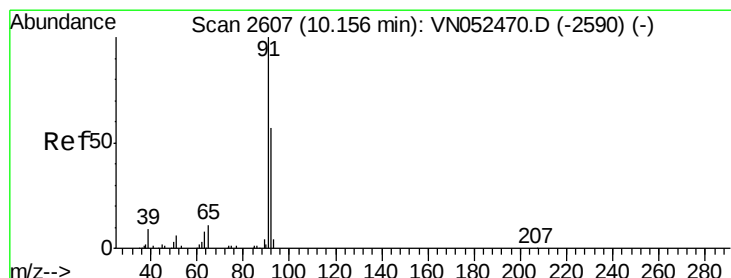
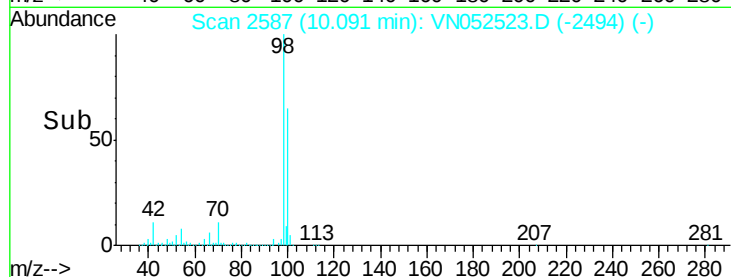
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 43.703 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052523.D

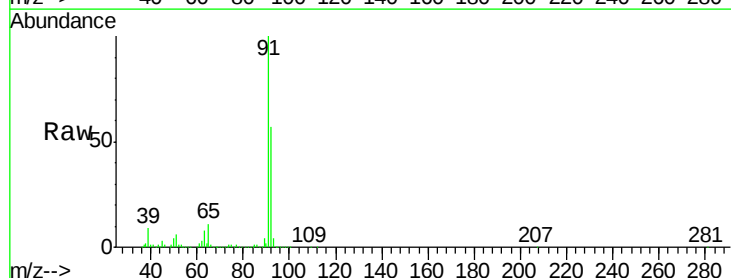
Acq: 28 Nov 2018 16:48

Tgt Ion: 92 Resp: 1601744

Ion Ratio Lower Upper

92 100

91 174.7 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN052470.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN052470.D (-2590) (-)

10.16

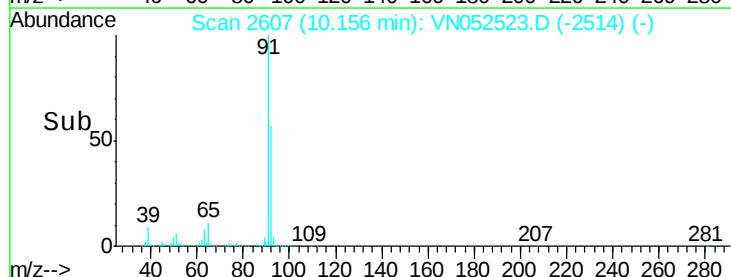
1500000

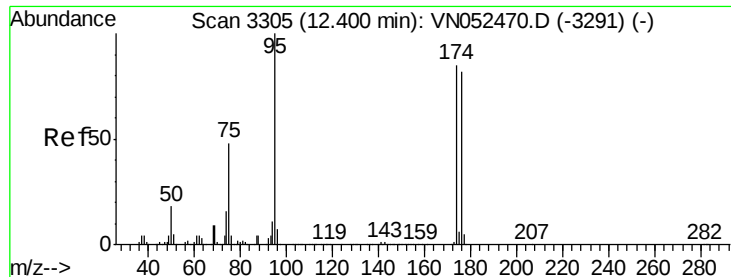
1000000

500000

0

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052523.D

Acq: 28 Nov 2018 16:48

Instrument :

MSVOA_N

ClientSampleId :

AOC2-05MEDL

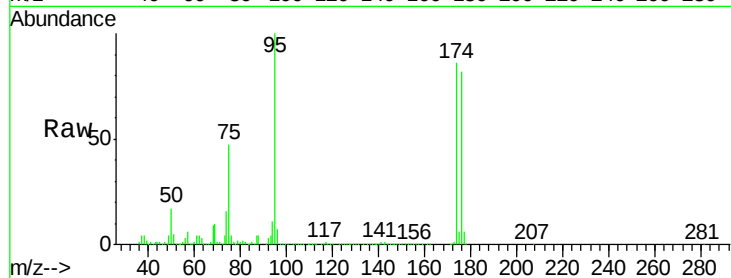
Tot Ion: 95 Resp: 877931

Ion Ratio Lower Upper

95 100

174 86.9 0.0 173.0

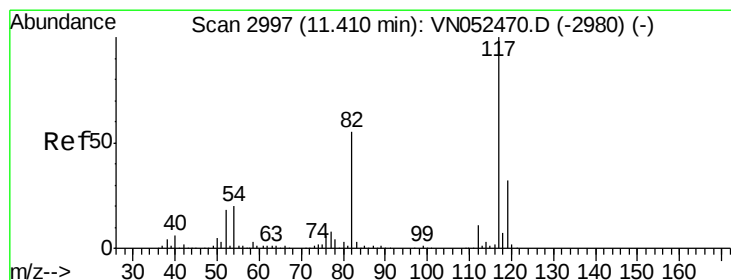
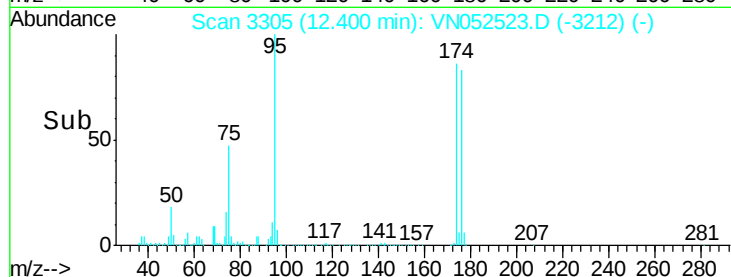
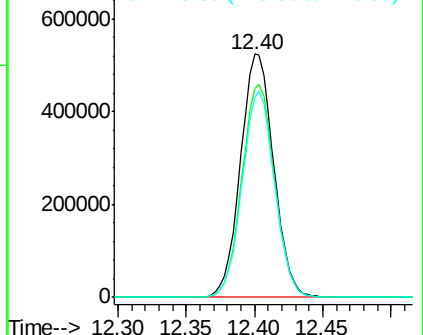
176 83.7 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052523.D

Acq: 28 Nov 2018 16:48

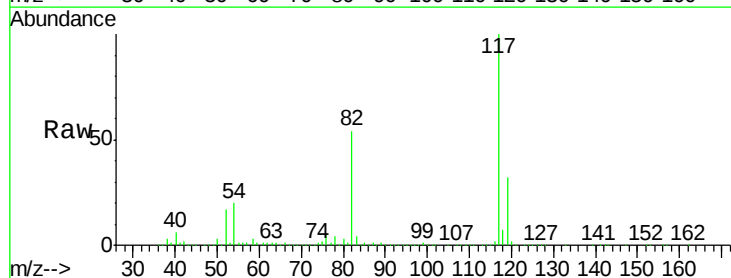
Tgt Ion: 117 Resp: 1912185

Ion Ratio Lower Upper

117 100

82 54.3 43.6 65.4

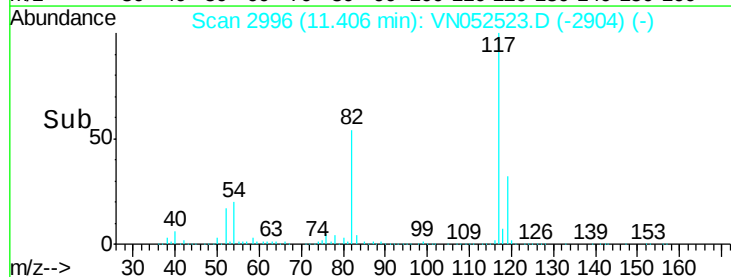
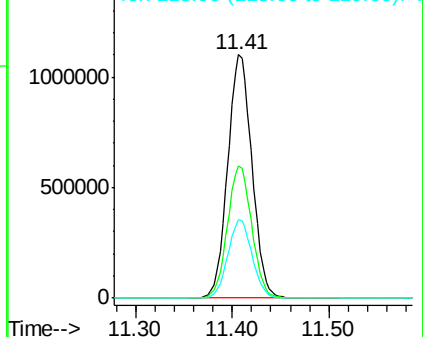
119 32.1 25.4 38.2

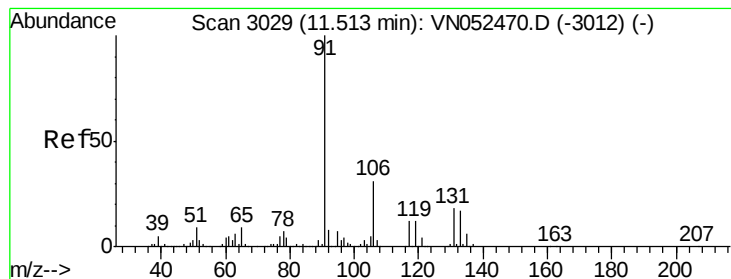


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)





#67

Ethyl Benzene

Concen: 8.542 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052523.D

Acq: 28 Nov 2018 16:48

Instrument :

MSVOA_N

ClientSampleId :

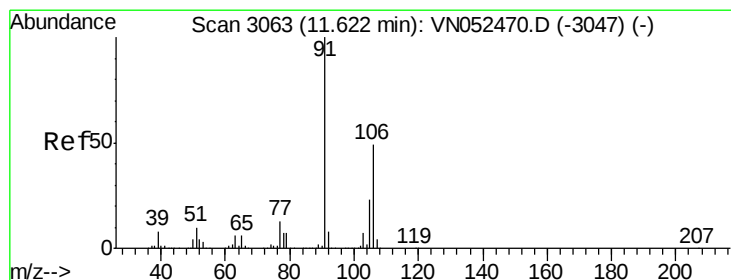
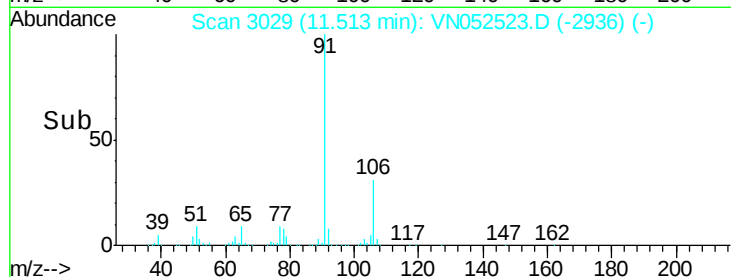
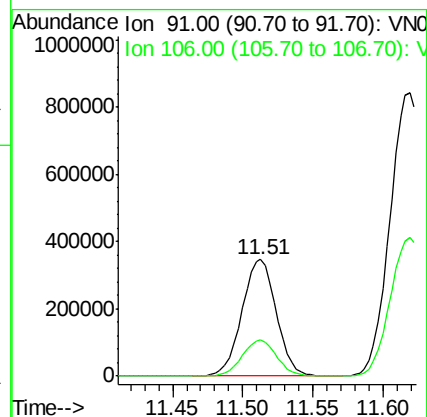
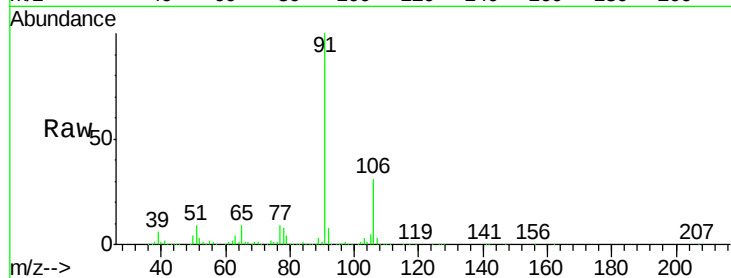
AOC2-05MEDL

Tot Ion: 91 Resp: 589782

Ion Ratio Lower Upper

91 100

106 30.6 24.9 37.3



#68

m/p-Xylenes

Concen: 30.510 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052523.D

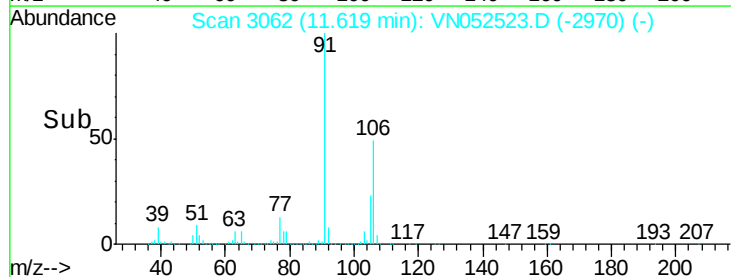
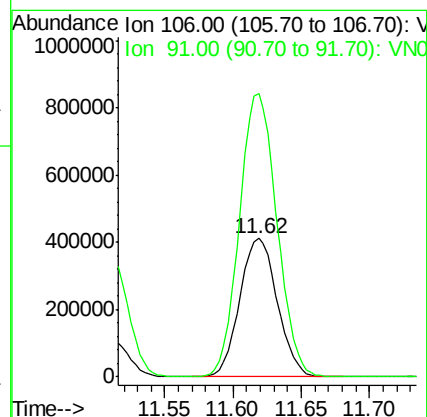
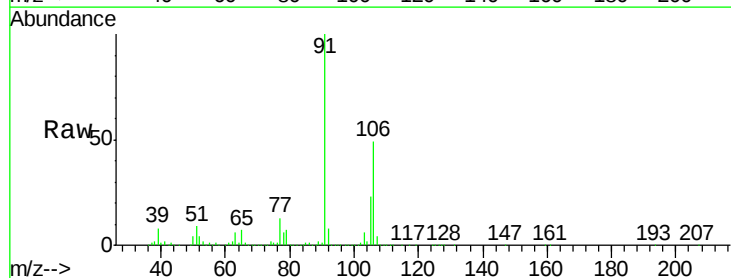
Acq: 28 Nov 2018 16:48

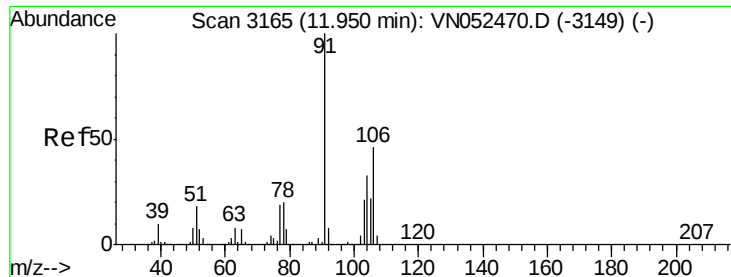
Tgt Ion: 106 Resp: 784241

Ion Ratio Lower Upper

106 100

91 204.7 163.2 244.8

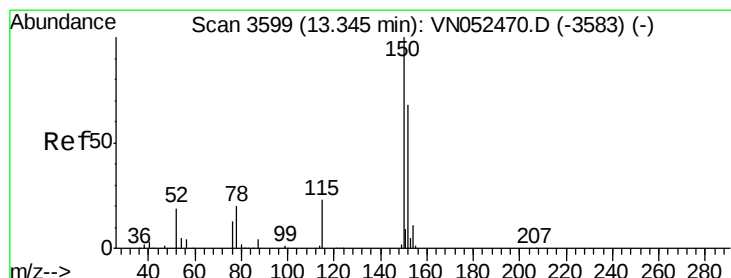
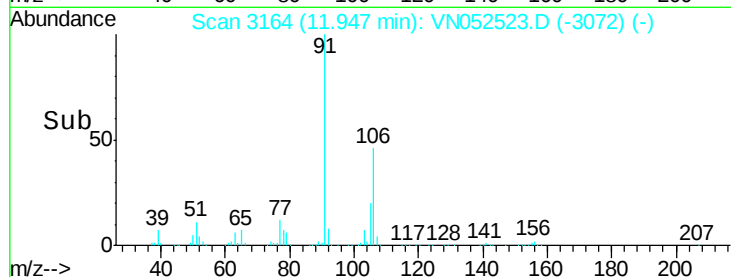
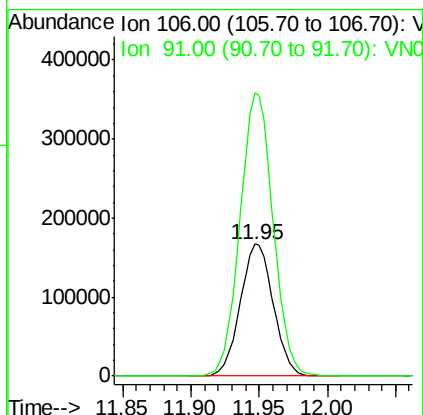
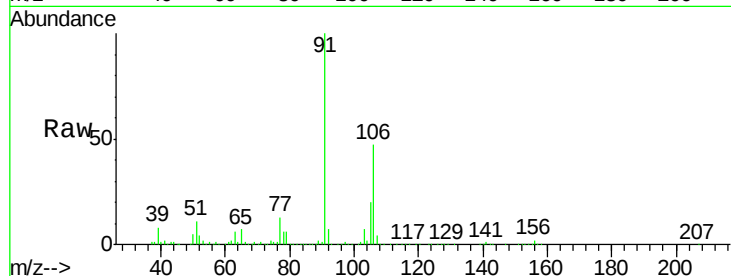




#69
o-Xylene
Concen: 11.235 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052523.D
Acq: 28 Nov 2018 16:48

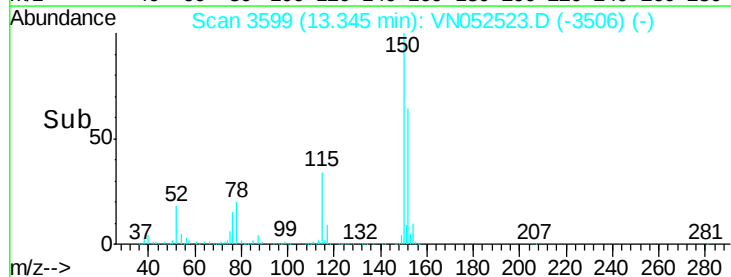
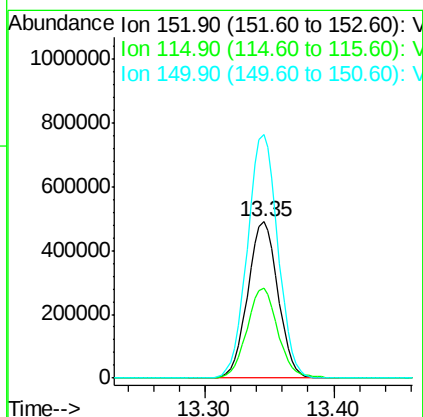
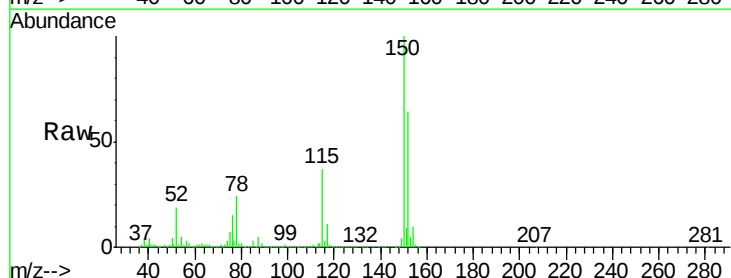
Instrument :
MSVOA_N
ClientSampleId :
AOC2-05MEDL

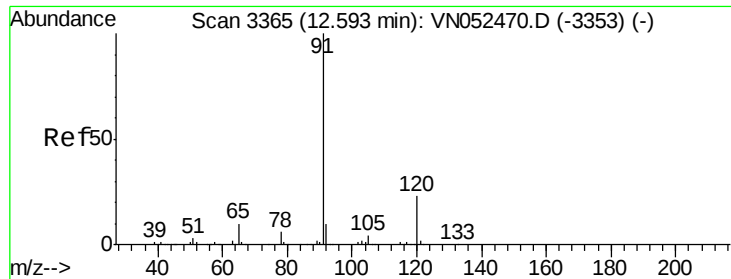
Tot Ion:106 Resp: 280429
Ion Ratio Lower Upper
106 100
91 214.1 107.7 323.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052523.D
Acq: 28 Nov 2018 16:48

Tgt Ion:152 Resp: 803696
Ion Ratio Lower Upper
152 100
115 58.6 28.4 85.2
150 156.7 0.0 346.0





#78

n-propylbenzene

Concen: 3.614 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052523.D

Acq: 28 Nov 2018 16:48

Instrument :

MSVOA_N

ClientSampleId :

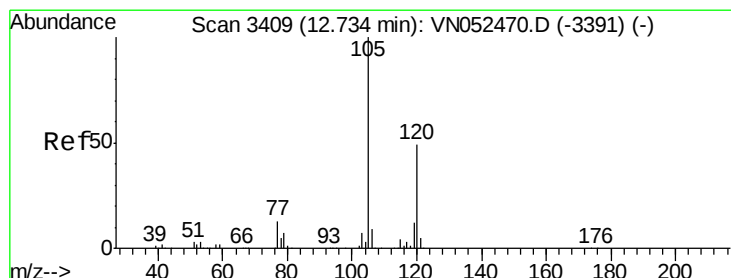
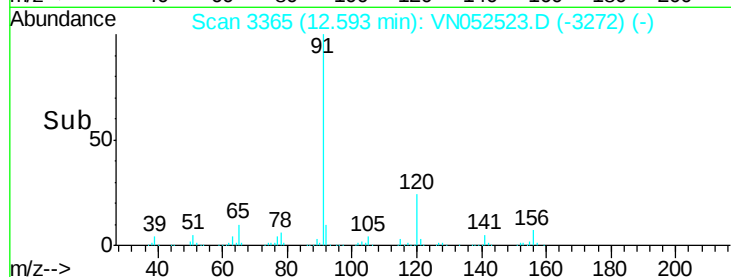
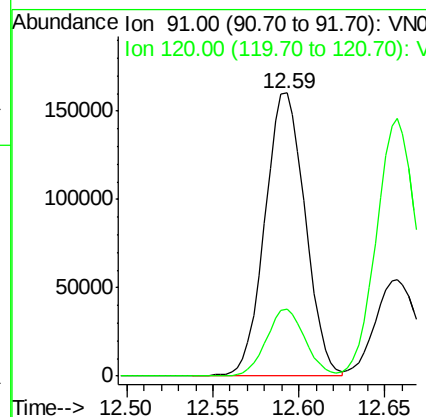
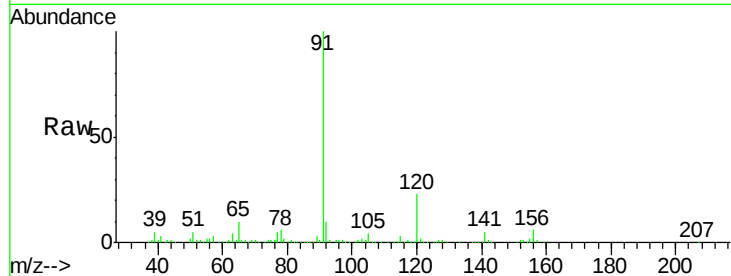
AOC2-05MEDL

Tot Ion: 91 Resp: 258913

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9



#80

1,3,5-Trimethylbenzene

Concen: 6.589 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052523.D

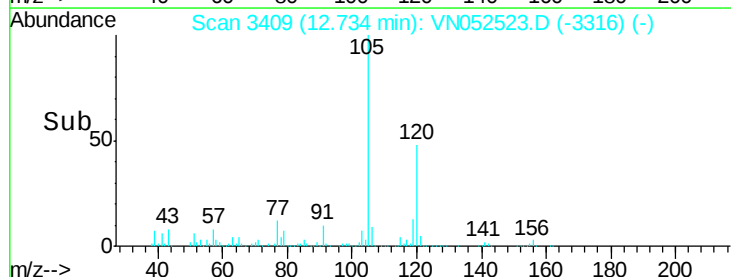
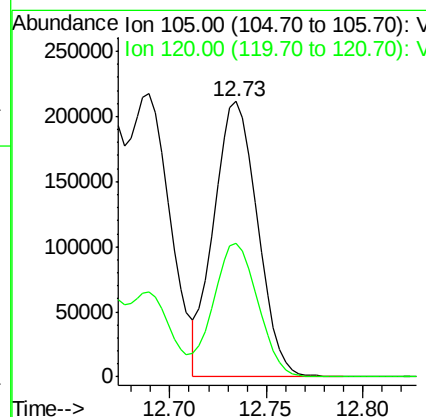
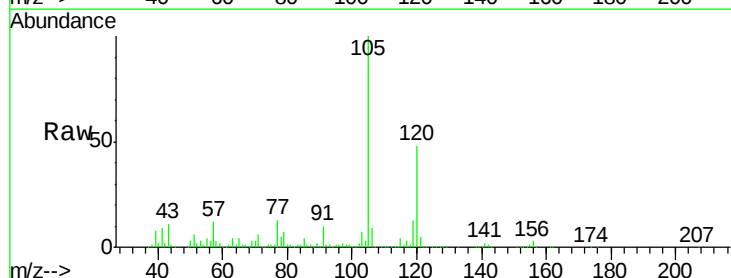
Acq: 28 Nov 2018 16:48

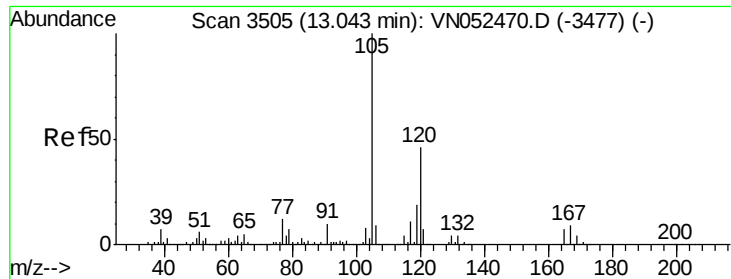
Tgt Ion: 105 Resp: 331359

Ion Ratio Lower Upper

105 100

120 50.0 24.3 73.0





#84

1,2,4-Trimethylbenzene

Concen: 20.838 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052523.D

Acq: 28 Nov 2018 16:48

Instrument :

MSVOA_N

ClientSampleId :

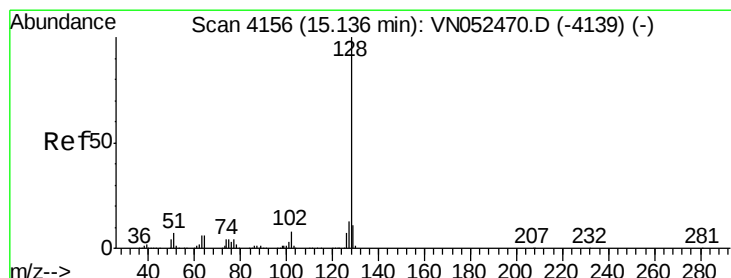
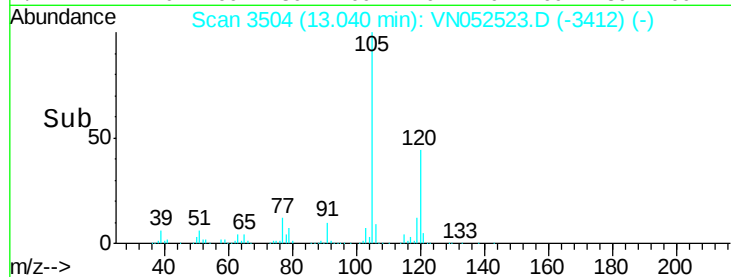
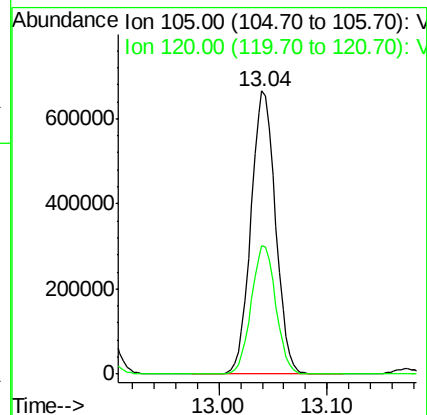
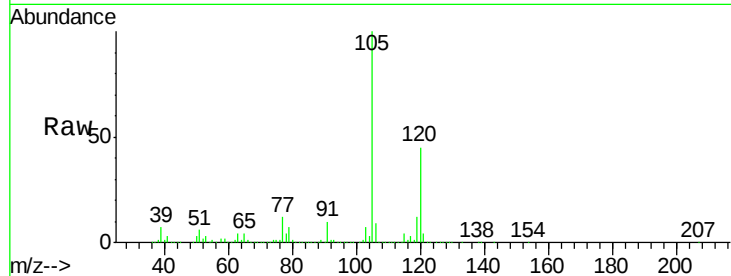
AOC2-05MEDL

Tot Ion:105 Resp: 1050202

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.4



#95

Naphthalene

Concen: 7.987 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052523.D

Acq: 28 Nov 2018 16:48

Tgt Ion:128 Resp: 148090

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 10.4 8.7 13.1

