

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122118\
 Data File : VN053110.D
 Acq On : 21 Dec 2018 18:55
 Operator : MD\SY
 Sample : J6377-04ME 10X
 Misc : 4.57g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0612-01ME

Manual Integrations
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 12/22/2018 10:07:07 AM

Quant Time: Jan 03 11:37:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1263374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1925038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1761514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	806809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	623635	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
35) Dibromofluoromethane	7.59	113	498360	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
50) Toluene-d8	10.09	98	2360923	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	838161	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
Target Compounds						
39) Methylcyclohexane	9.08	83	150888	6.722	ug/l	97
65) Chlorobenzene	11.44	112	62229	1.594	ug/l	99
67) Ethyl Benzene	11.51	91	130496	1.943	ug/l	99
68) m/p-Xylenes	11.62	106	1478578	57.919	ug/l	100
69) o-Xylene	11.95	106	93451	3.815	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	62121	1.207	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	205744	3.978	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	166592	5.664	ug/l	96
95) Naphthalene	15.14	128	27032	1.979	ug/l	99

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

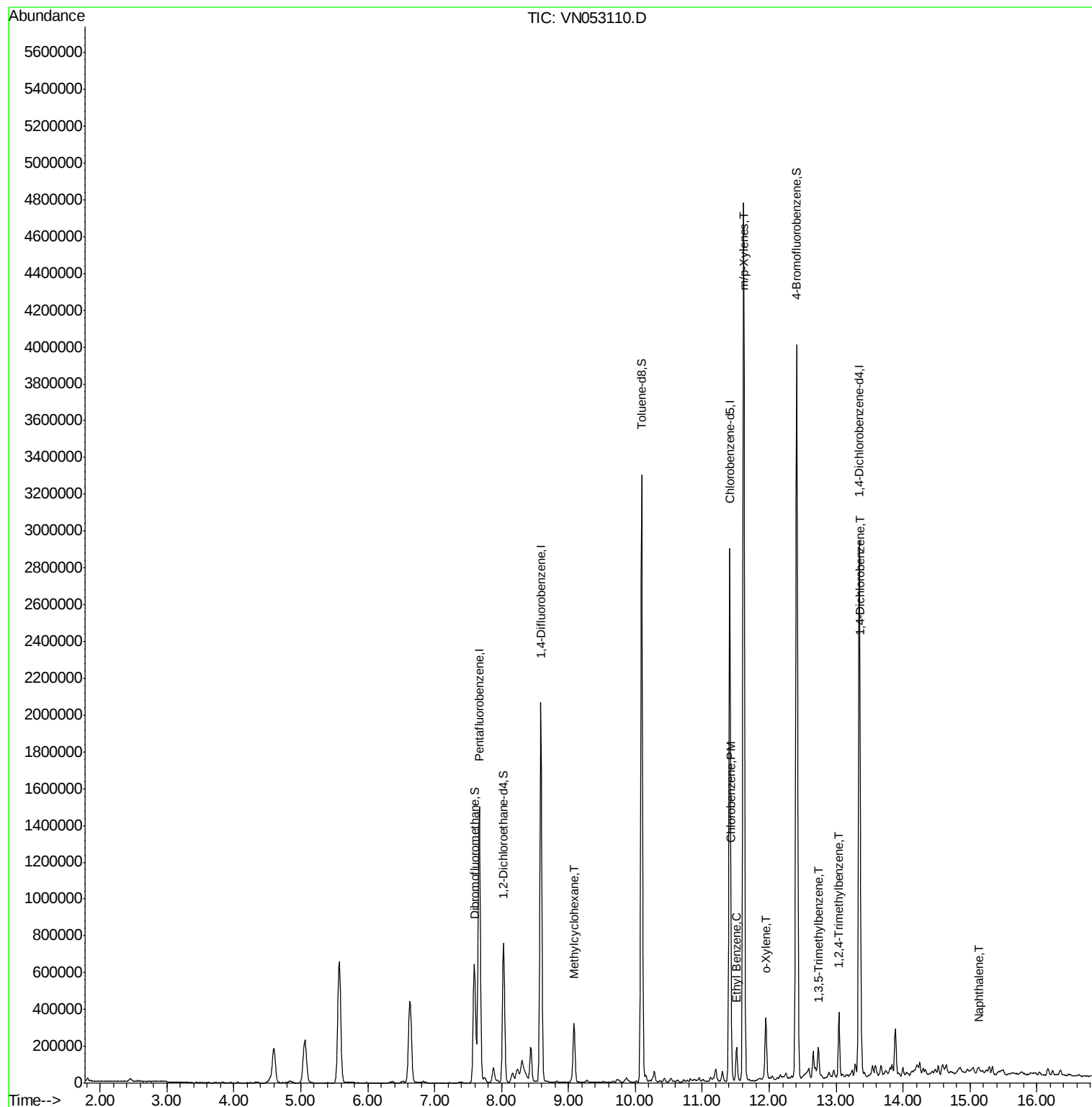
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122118\
Data File : VN053110.D
Acq On : 21 Dec 2018 18:55
Operator : MD\SY
Sample : J6377-04ME 10X
Misc : 4.57g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 28

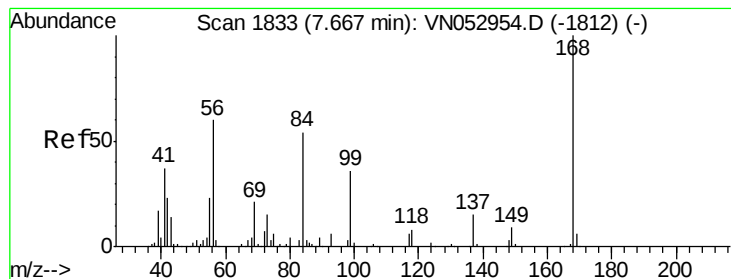
Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

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Quant Time: Jan 03 11:37:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 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: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

ClientSampleId :

P001-SD014-0612-01ME

Tgt Ion:168 Resp: 1263374

Ion Ratio Lower Upper

168 100

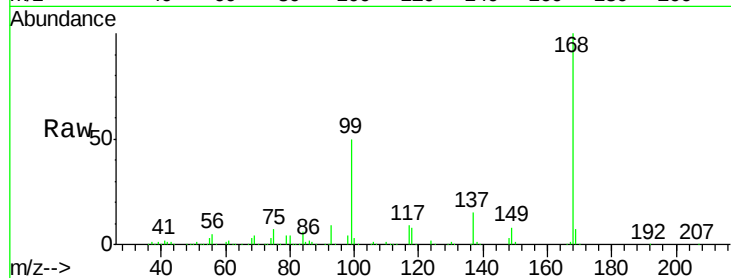
99 49.7 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

600000

500000

400000

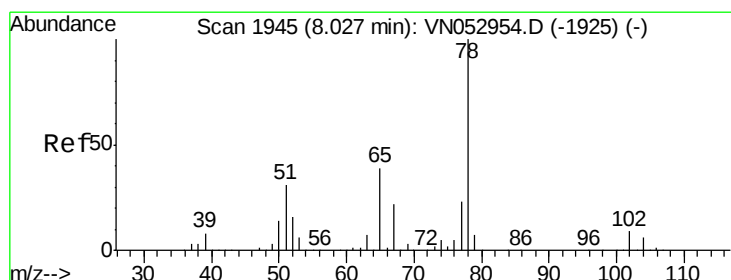
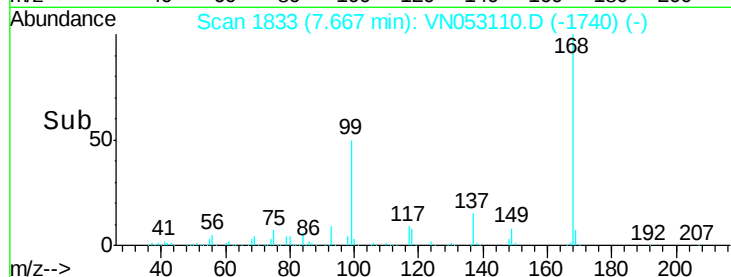
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN053110.D

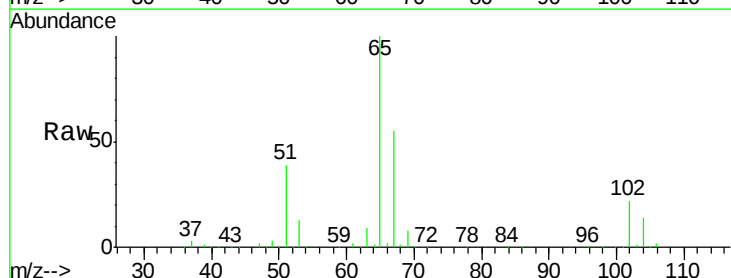
Acq: 21 Dec 2018 18:55

Tgt Ion: 65 Resp: 623635

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052954.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN052954.D (-1925) (-)

8.03

300000

250000

200000

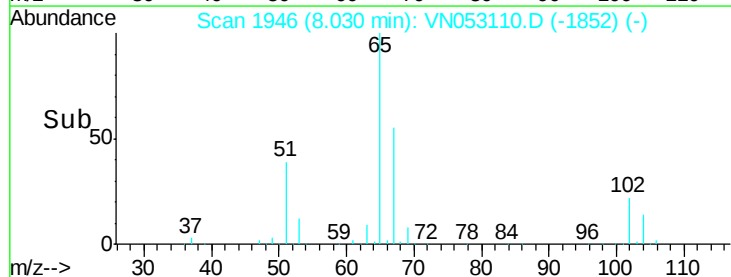
150000

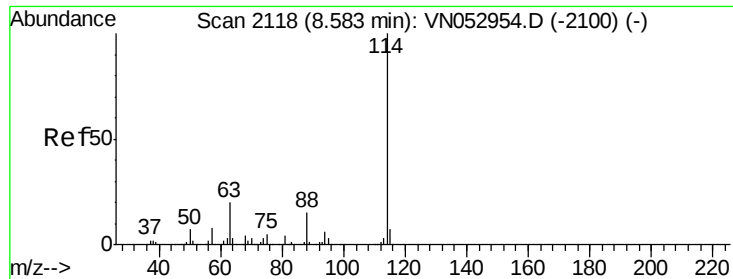
100000

50000

0

Time-->





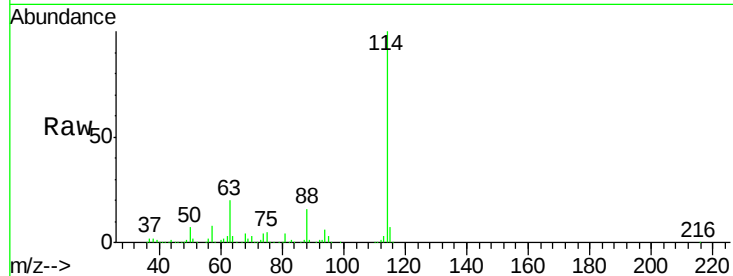
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

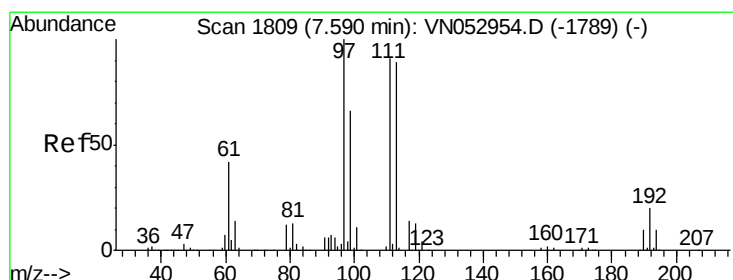
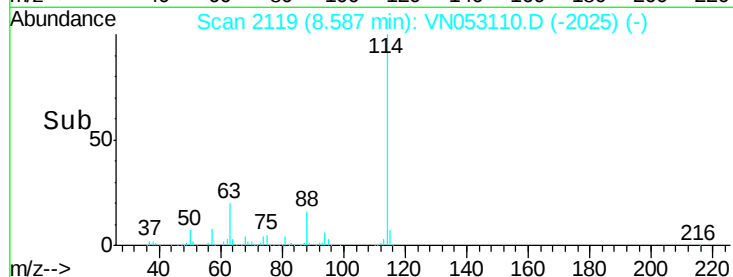
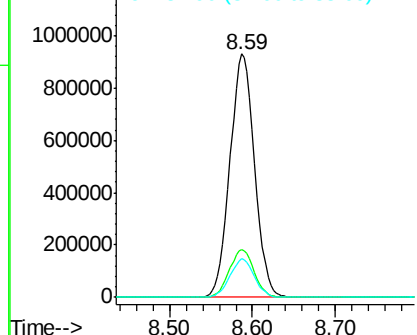
Tgt Ion:114 Resp: 1925038
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.8
88 15.7 0.0 31.0

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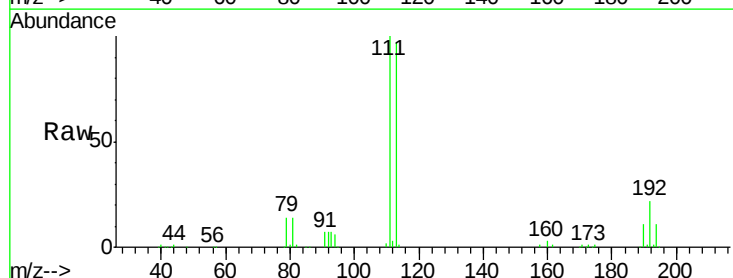


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

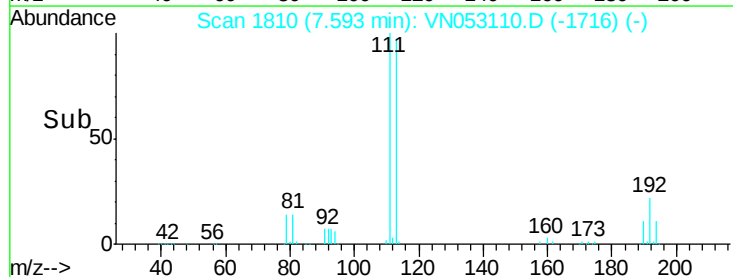
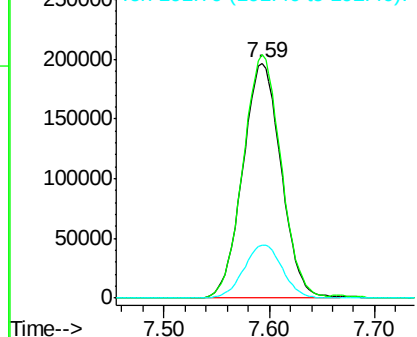


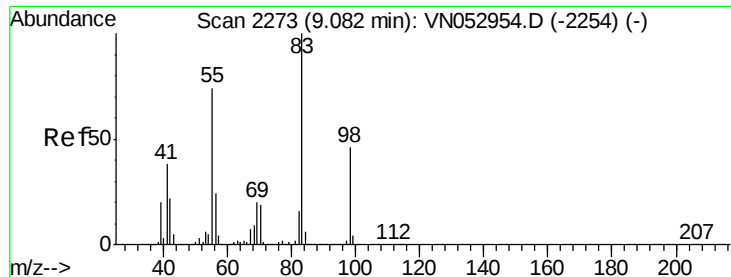
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion:113 Resp: 498360
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 22.6 17.5 26.3



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





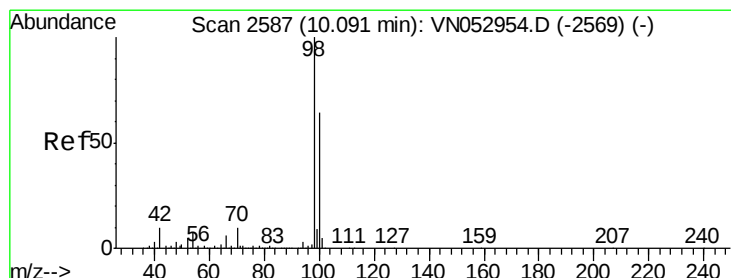
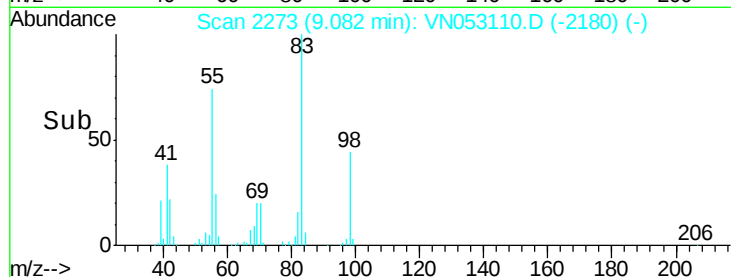
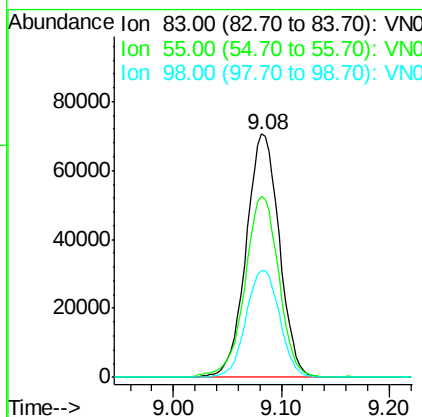
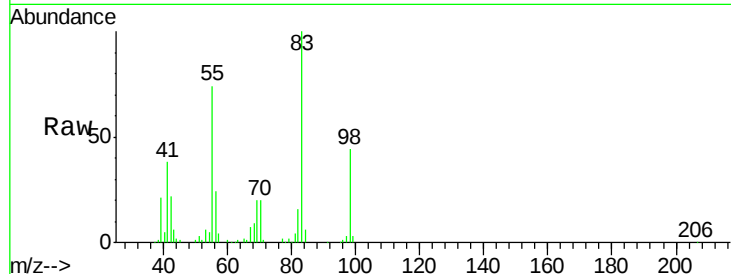
#39
Methylcyclohexane
Concen: 6.722 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	150888		
55	74.4	61.3	91.9	
98	44.0	37.0	55.4	

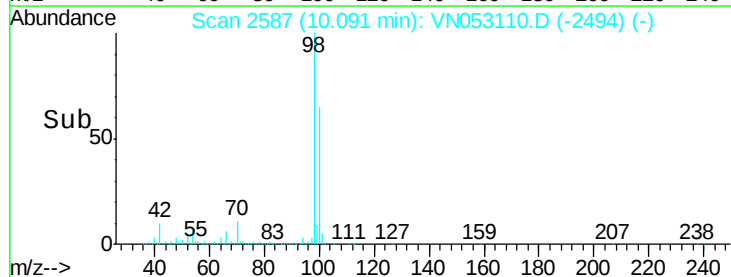
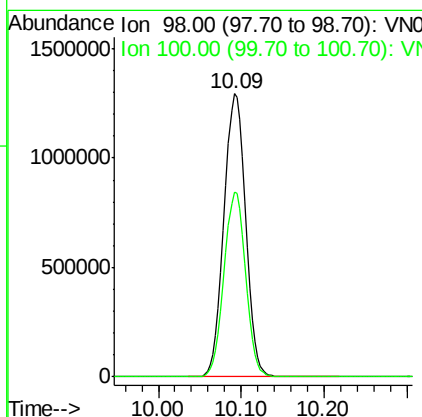
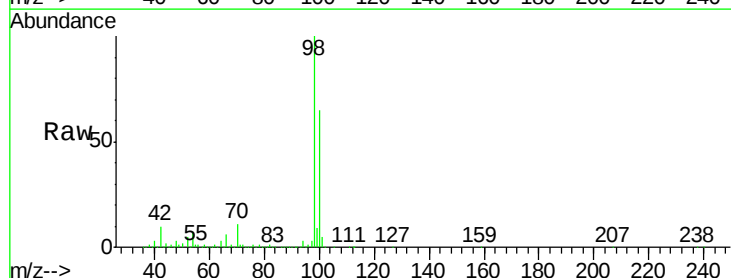
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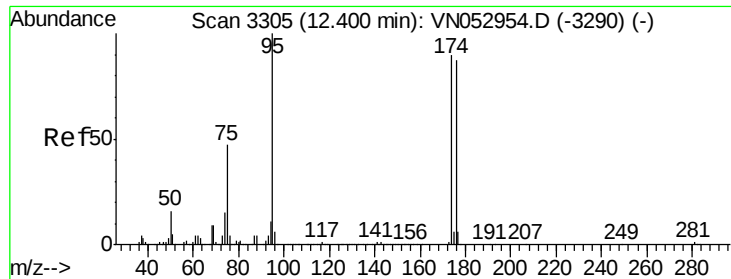
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	2360923		
100	64.8	51.6	77.4	





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

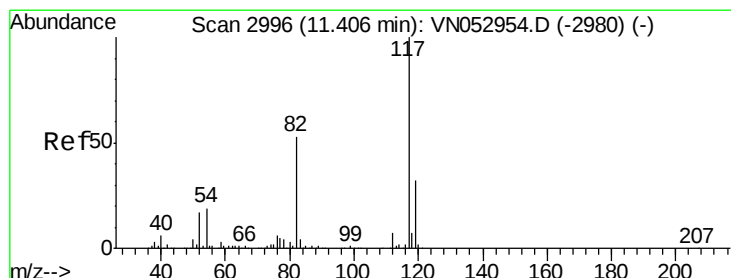
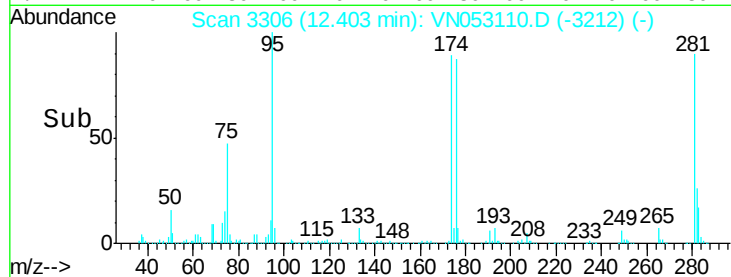
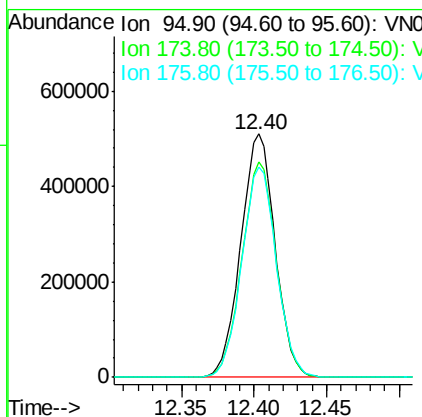
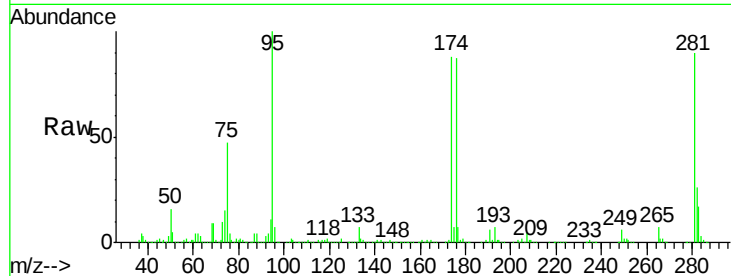
ClientSampleId :

P001-SD014-0612-01ME

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	838161		
174	88.5	0.0	178.8	
176	87.5	0.0	173.8	

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

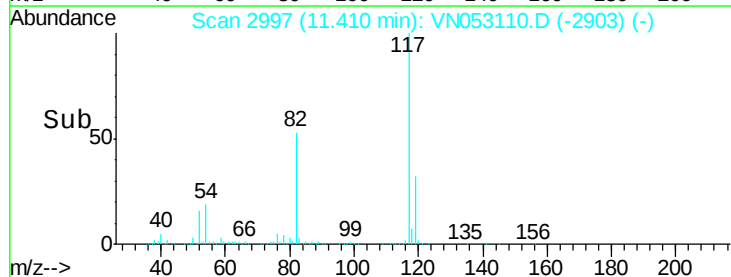
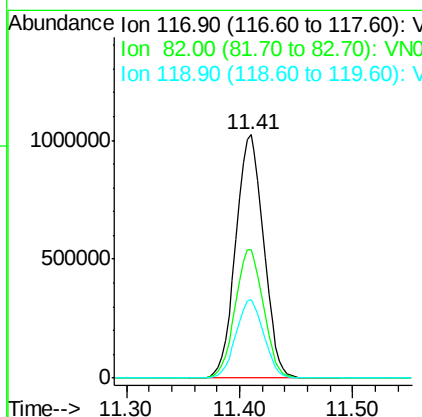
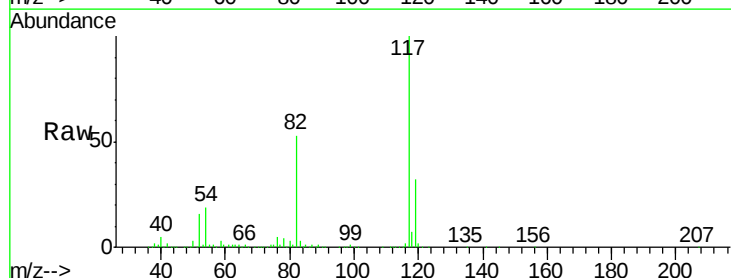
RT: 11.41 min Scan# 2997

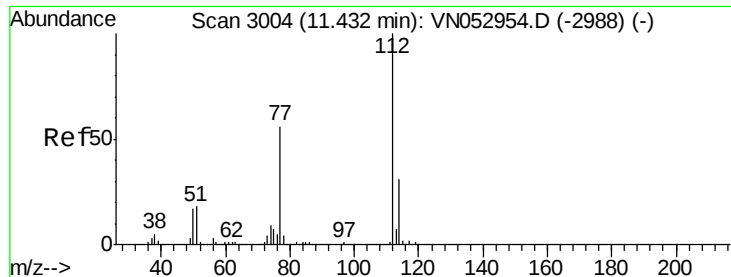
Delta R.T. 0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1761514		
82	52.8	42.8	64.2	
119	32.4	25.5	38.3	





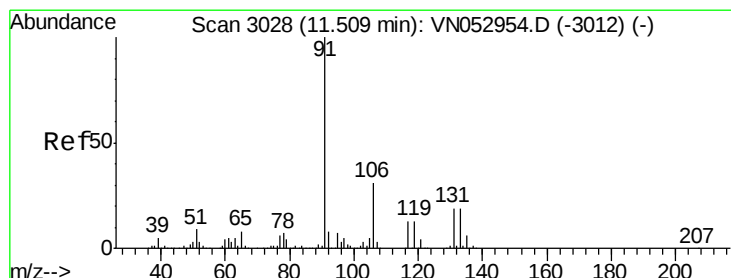
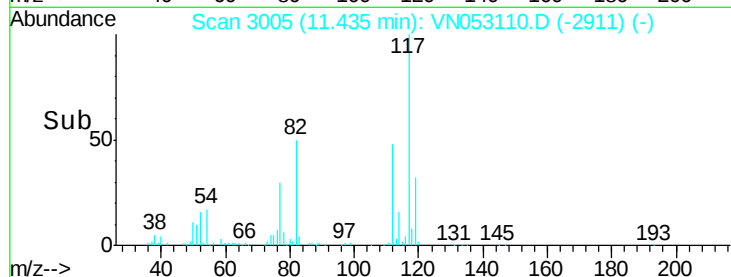
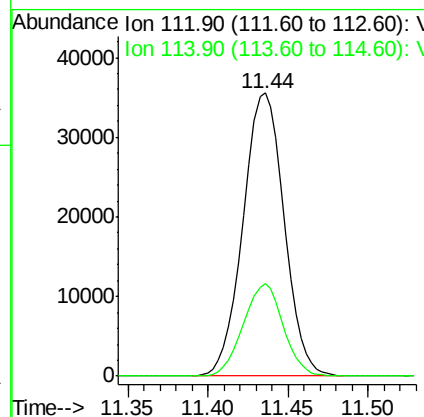
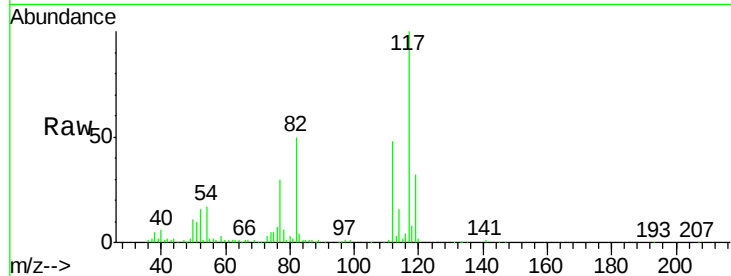
#65
Chlorobenzene
Concen: 1.594 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

Tgt Ion: 112 Resp: 62229
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

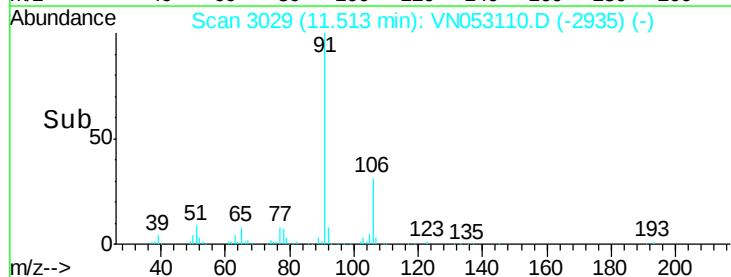
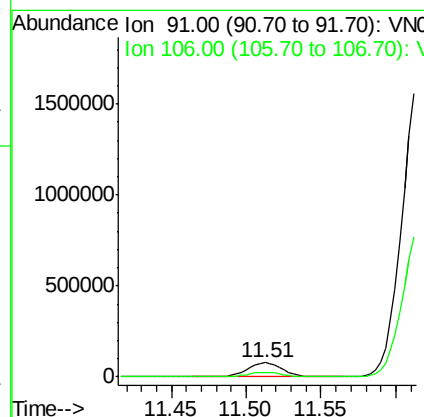
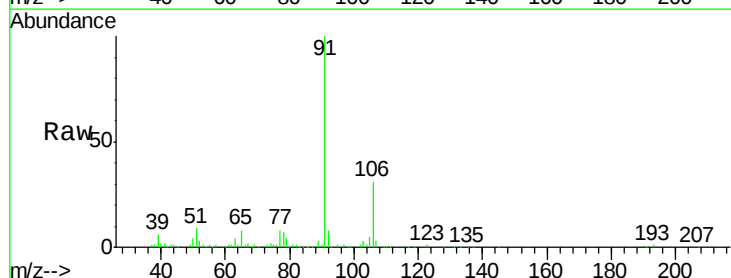
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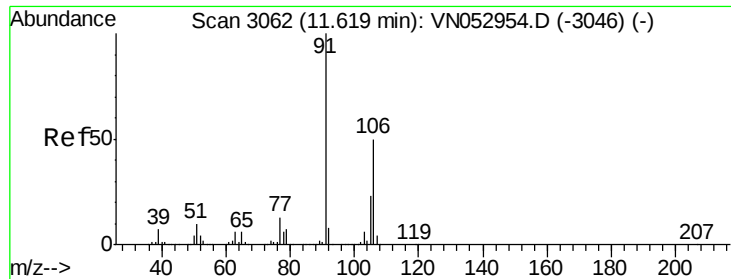
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#67
Ethyl Benzene
Concen: 1.943 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion: 91 Resp: 130496
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3





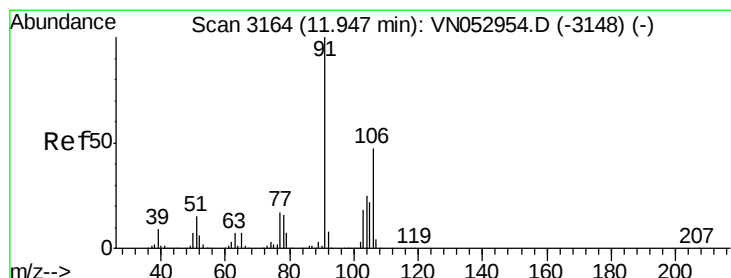
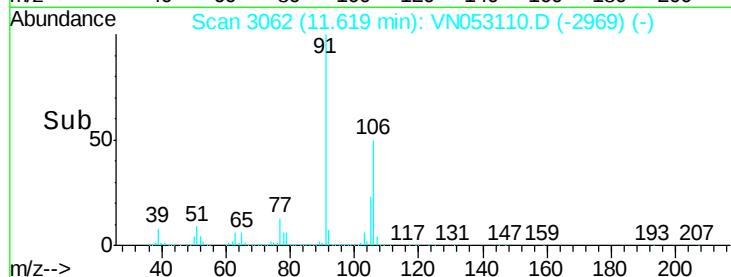
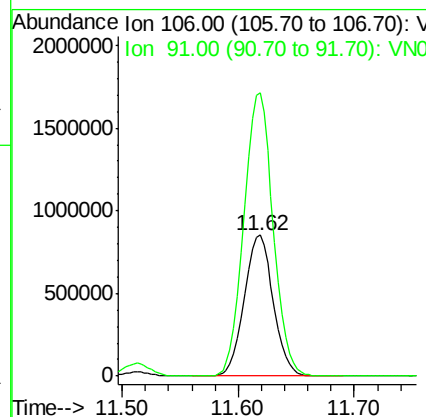
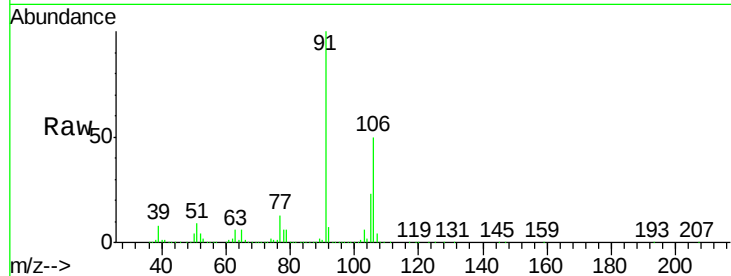
#68
m/p-Xylenes
Concen: 57.919 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

Tgt Ion:106 Resp: 1478578
Ion Ratio Lower Upper
106 100
91 202.3 162.2 243.4

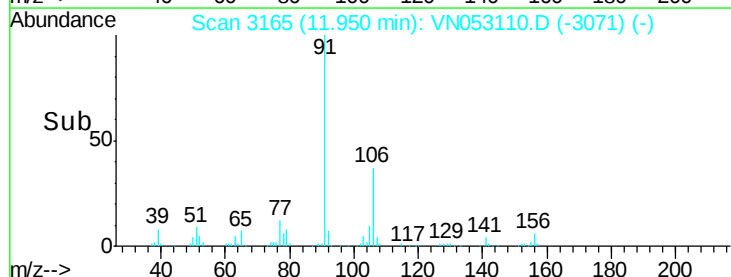
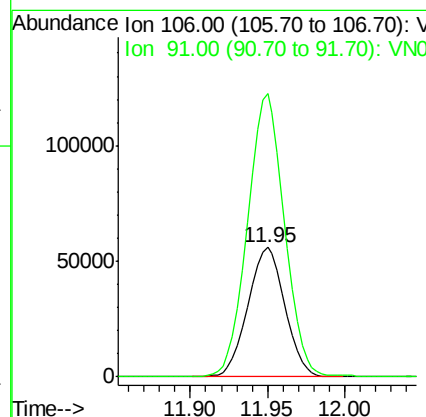
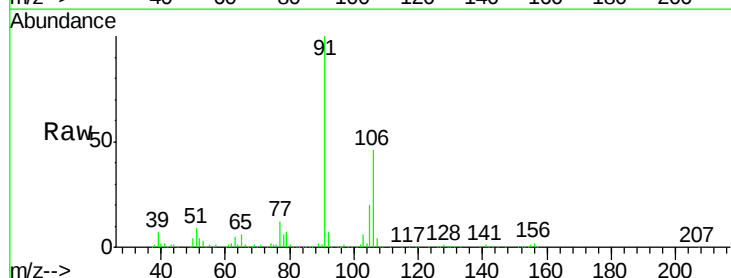
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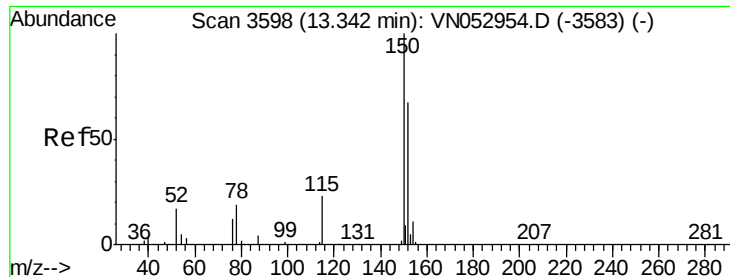
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#69
o-Xylene
Concen: 3.815 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Tgt Ion:106 Resp: 93451
Ion Ratio Lower Upper
106 100
91 215.3 106.6 319.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Instrument :

MSVOA_N

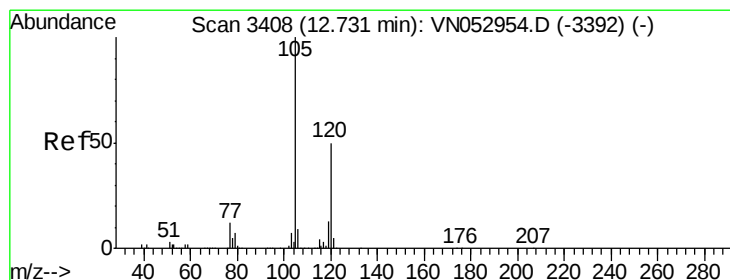
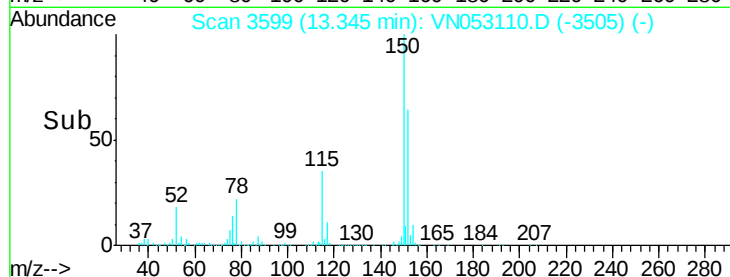
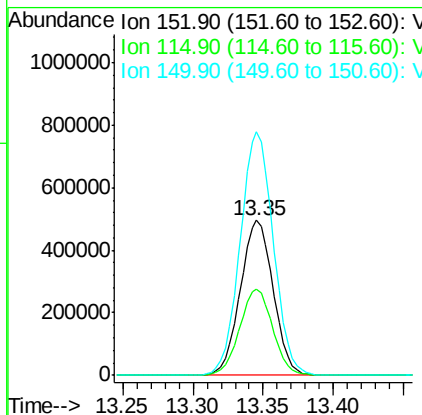
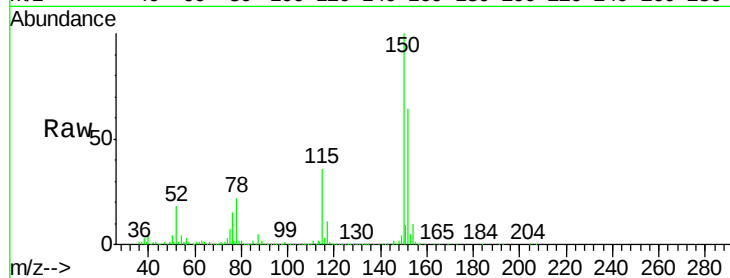
ClientSampleId :

P001-SD014-0612-01ME

Tgt Ion:	152	Resp:	806809
Ion Ratio	Lower	Upper	
152	100		
115	55.9	28.3	85.0
150	158.8	0.0	347.8

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#80

1,3,5-Trimethylbenzene

Concen: 1.207 ug/l

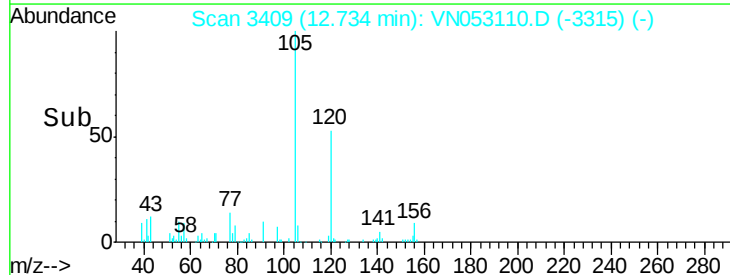
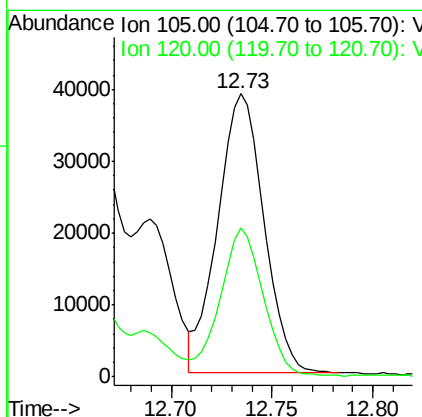
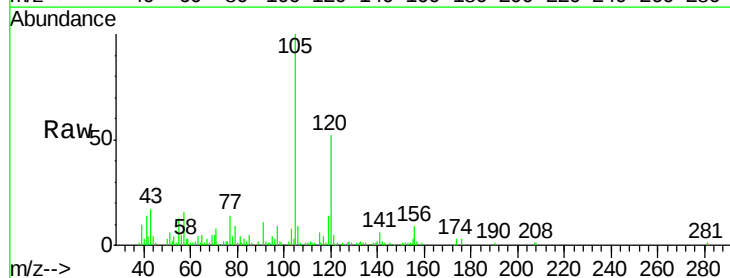
RT: 12.73 min Scan# 3409

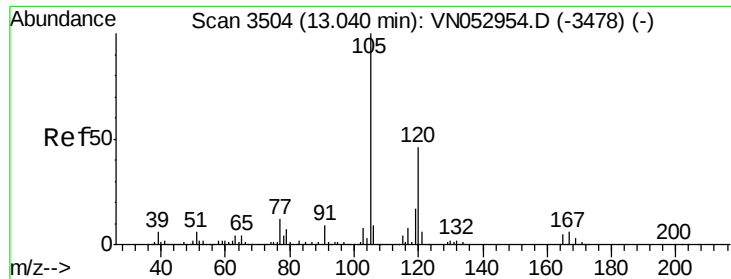
Delta R.T. 0.00 min

Lab File: VN053110.D

Acq: 21 Dec 2018 18:55

Tgt Ion:	105	Resp:	62121
Ion Ratio	Lower	Upper	
105	100		
120	49.1	24.4	73.2





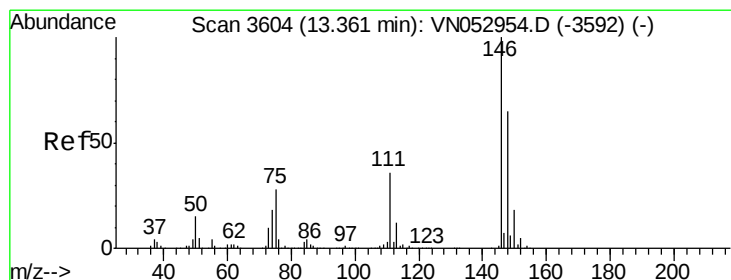
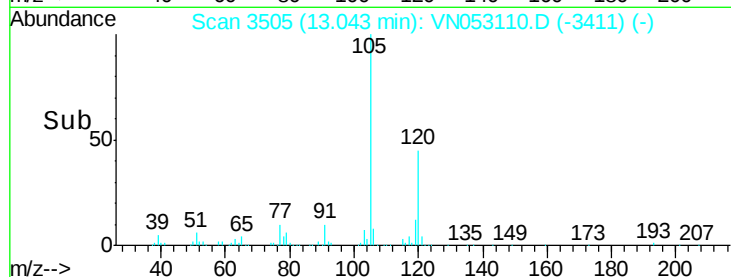
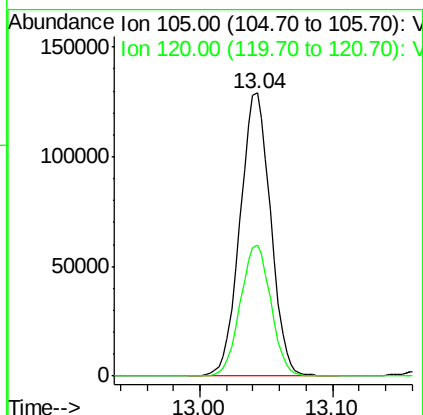
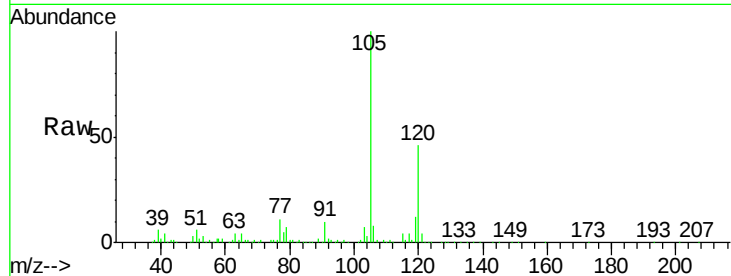
#84
 1,2,4-Trimethylbenzene
 Concen: 3.978 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD014-0612-01ME

Tgt Ion:105 Resp: 205744
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8

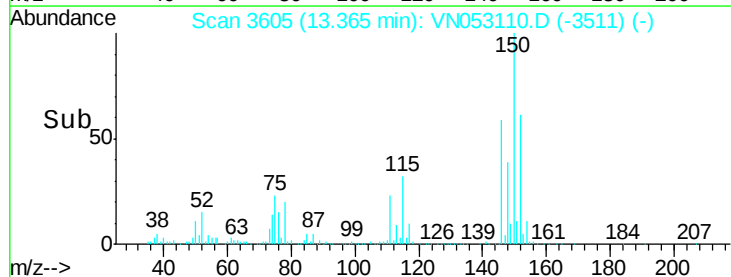
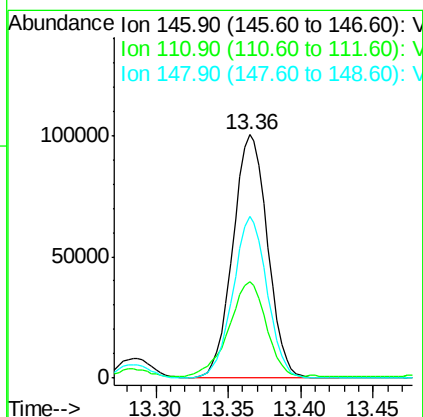
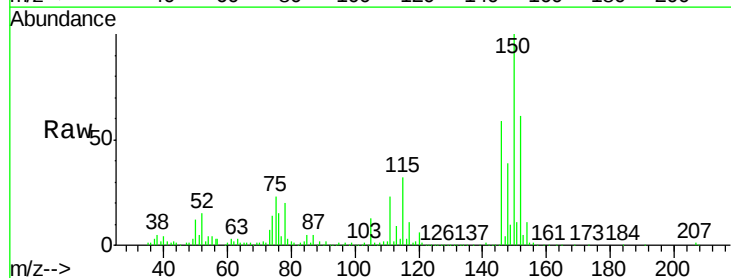
Manual Integrations
 APPROVED

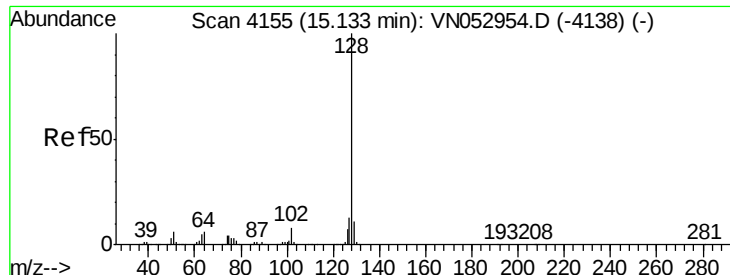
MMDadoda
 12/22/2018 10:07:07 AM



#88
 1,4-Dichlorobenzene
 Concen: 5.664 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053110.D
 Acq: 21 Dec 2018 18:55

Tgt Ion:146 Resp: 166592
 Ion Ratio Lower Upper
 146 100
 111 41.7 18.6 55.8
 148 65.3 32.1 96.5





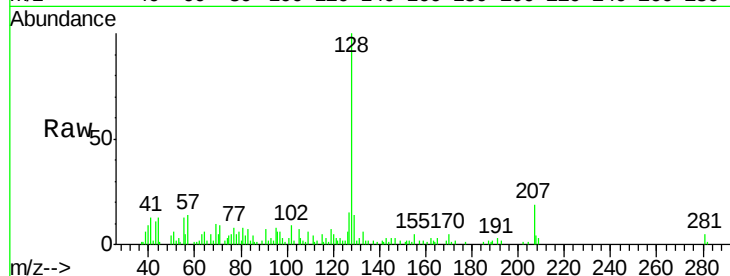
#95
Naphthalene
Concen: 1.979 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053110.D
Acq: 21 Dec 2018 18:55

Instrument :
MSVOA_N
ClientSampleId :
P001-SD014-0612-01ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/22/2018 10:07:07 AM



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

