

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122018\
 Data File : VN053049.D
 Acq On : 20 Dec 2018 11:54
 Operator : MD\SY
 Sample : J6411-05DL 100X
 Misc : 5.48g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2B(15-16FT)1218DL

Quant Time: Dec 21 00:52:12 2018
 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	1322376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2007248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1823034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	794035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	630588	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	7.59	113	526382	57.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.82%	
50) Toluene-d8	10.09	98	2477723	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.40	95	868906	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

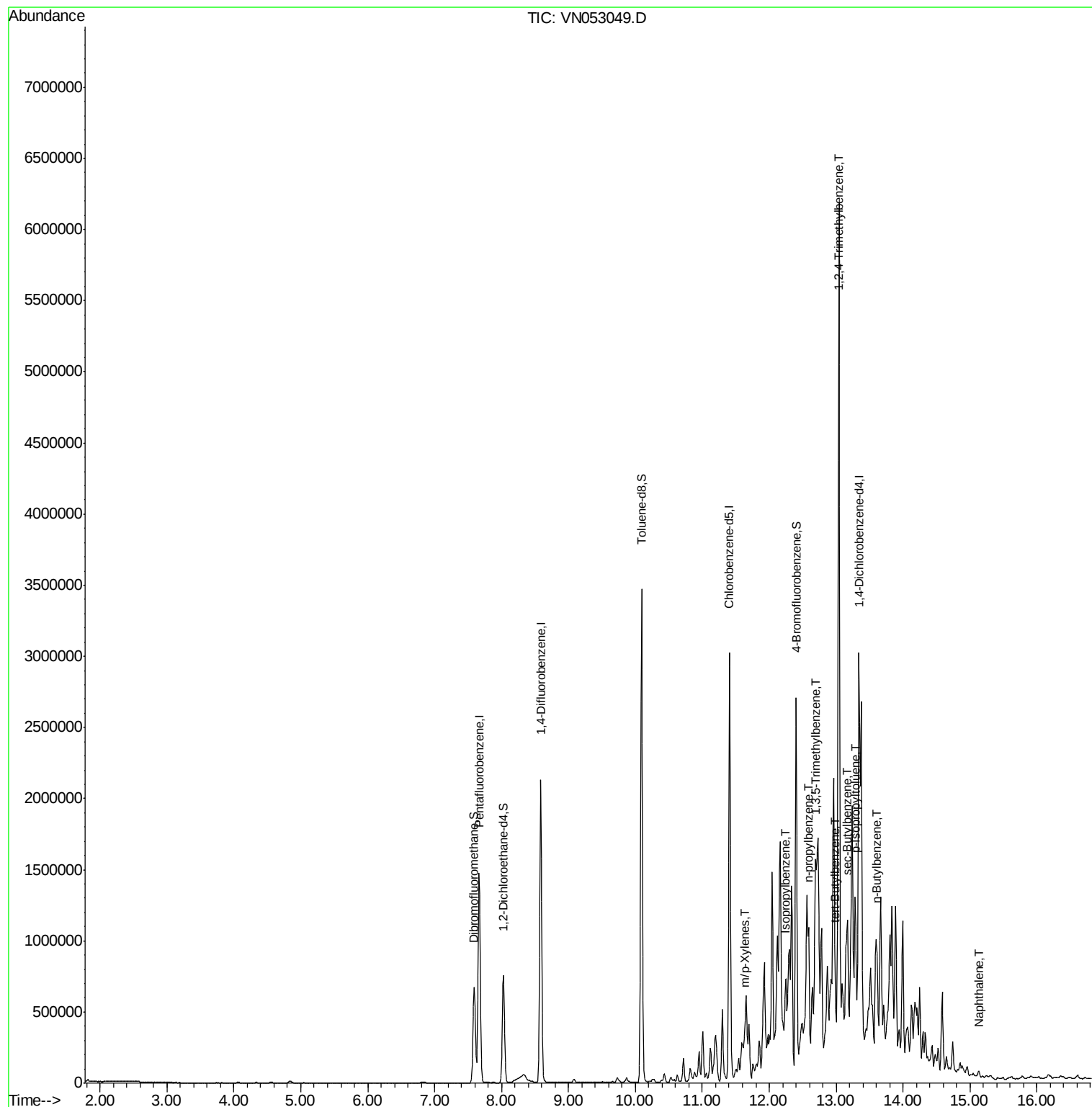
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) m/p-Xylenes	11.63	106	64837	2.454	ug/l	100
73) Isopropylbenzene	12.25	105	249755	4.020	ug/l	97
78) n-propylbenzene	12.59	91	705437	9.970	ug/l	99
80) 1,3,5-Trimethylbenzene	12.69	105	723079	14.279	ug/l	71
83) tert-Butylbenzene	12.99	119	54356	1.214	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	3272884	64.293	ug/l	99
85) sec-Butylbenzene	13.17	105	381286	6.294	ug/l #	76
86) p-Isopropyltoluene	13.29	119	325473	6.218	ug/l	99
89) n-Butylbenzene	13.61	91	363938	8.082	ug/l #	79
95) Naphthalene	15.14	128	35064	2.244	ug/l	97

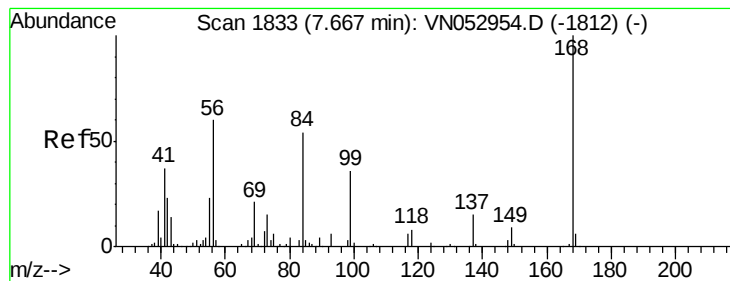
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SBR-2B(15-16FT)1218DL

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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: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

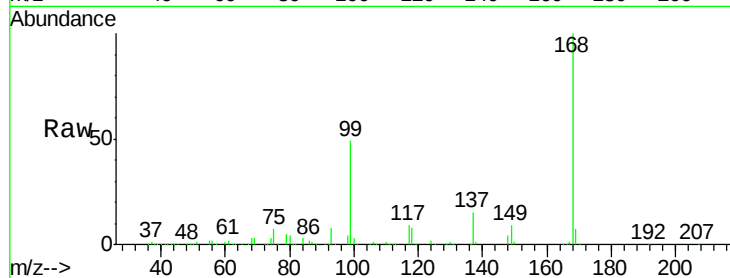
EP1-SBR-2B(15-16FT)1218DL

Tgt Ion:168 Resp: 1322376

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

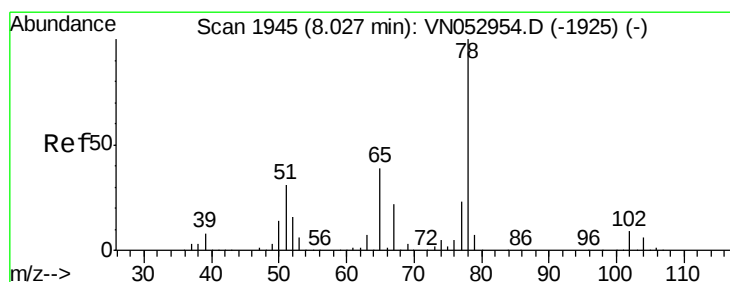
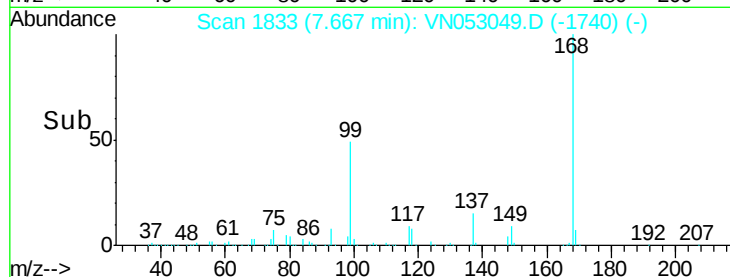
300000

200000

100000

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: VN053049.D

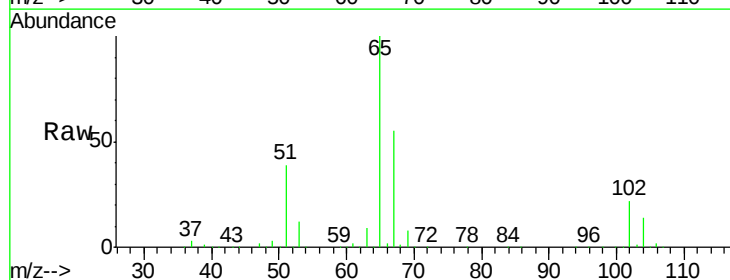
Acq: 20 Dec 2018 11:54

Tgt Ion: 65 Resp: 630588

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

300000

250000

200000

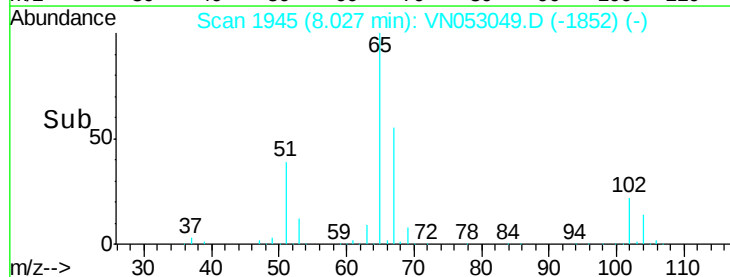
150000

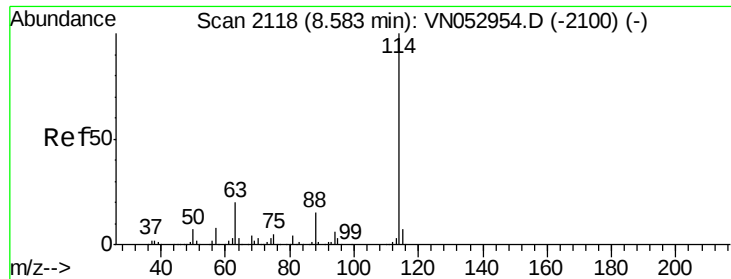
100000

50000

0

Time-->

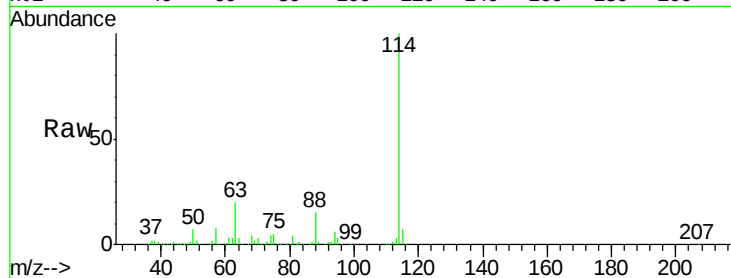




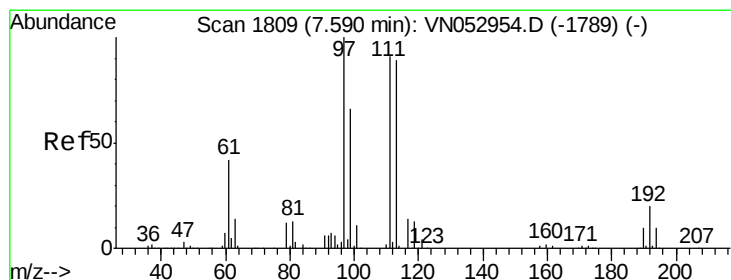
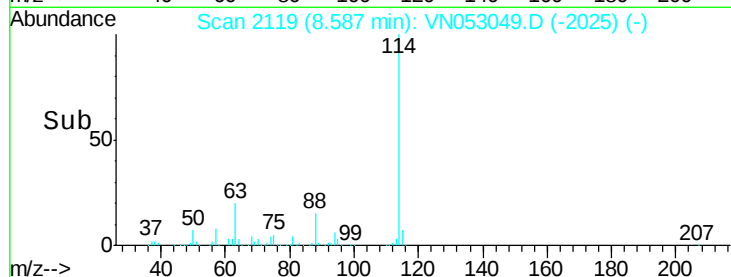
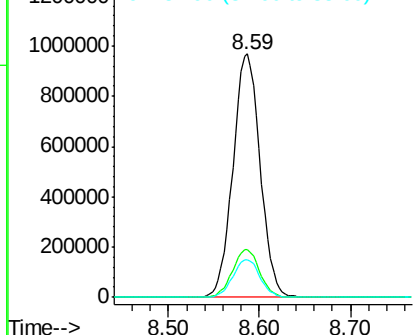
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2B(15-16FT)1218DL

Tgt Ion:114 Resp: 2007248
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.4 0.0 31.0

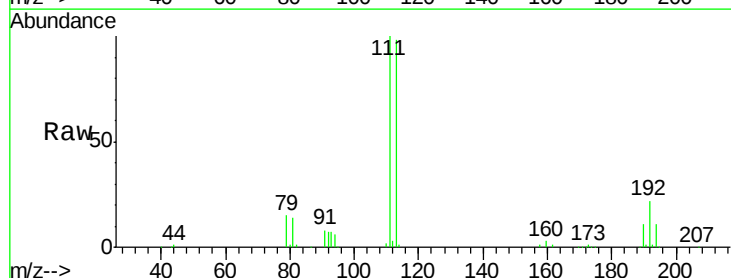


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

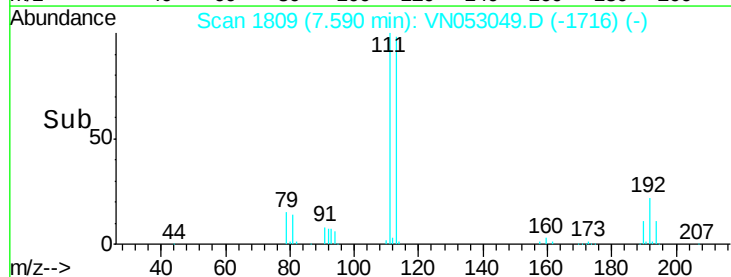
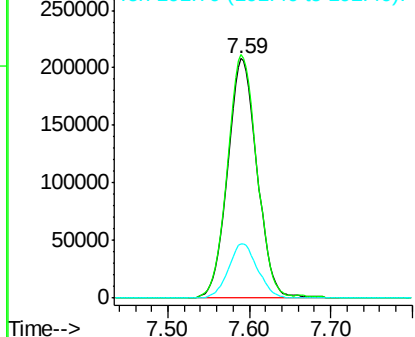


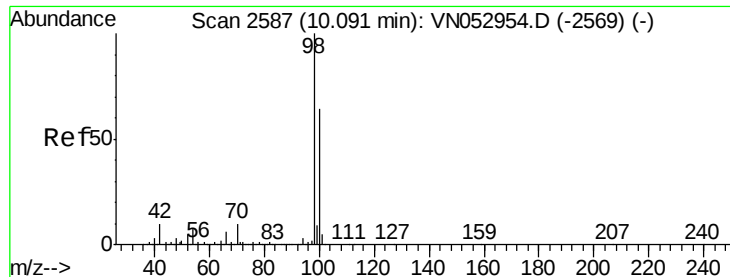
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Tgt Ion:113 Resp: 526382
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.0 124.4
 192 22.5 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

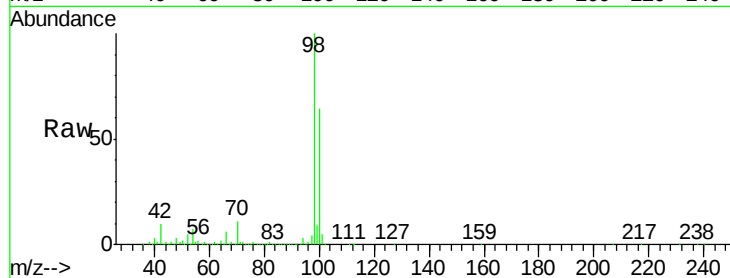
EP1-SBR-2B(15-16FT)1218DL

Tgt Ion: 98 Resp: 2477723

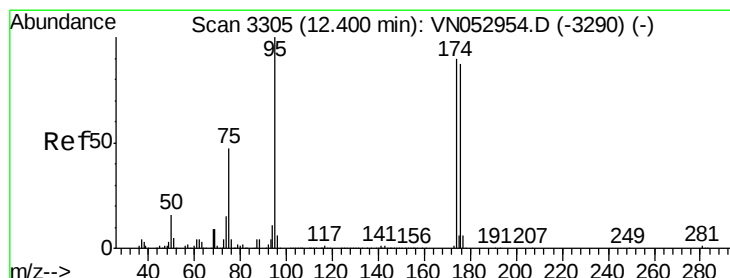
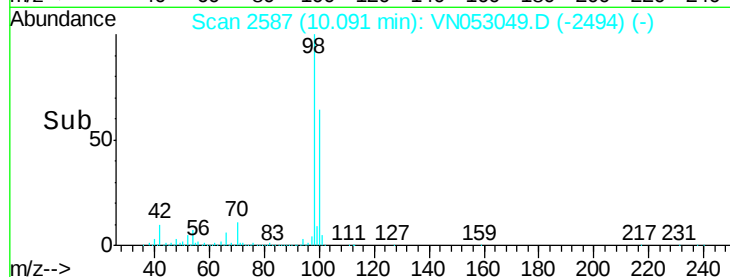
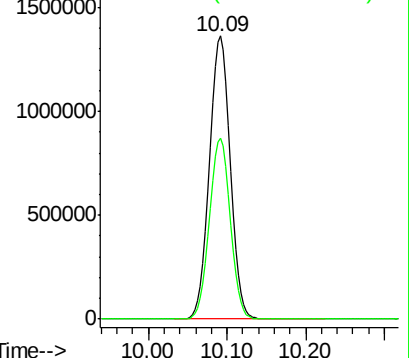
Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

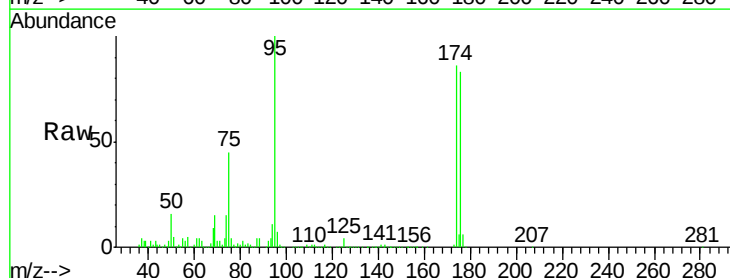
Tgt Ion: 95 Resp: 868906

Ion Ratio Lower Upper

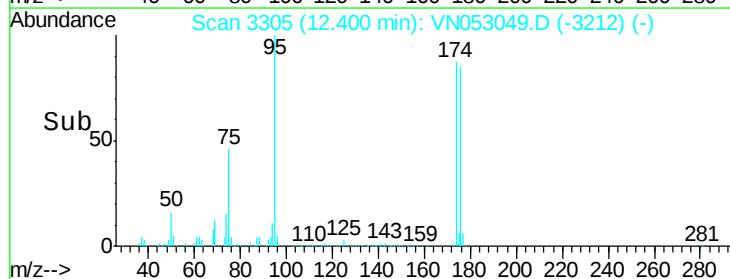
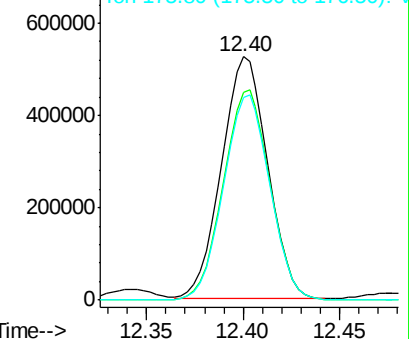
95 100

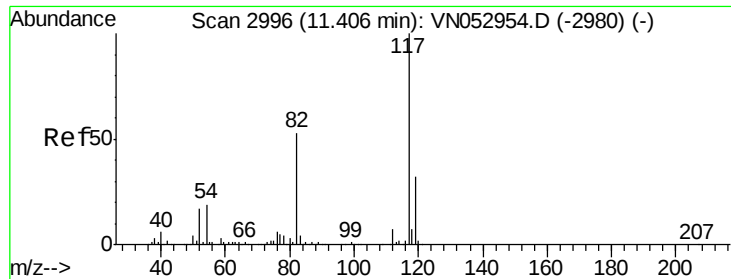
174 87.7 0.0 178.8

176 85.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

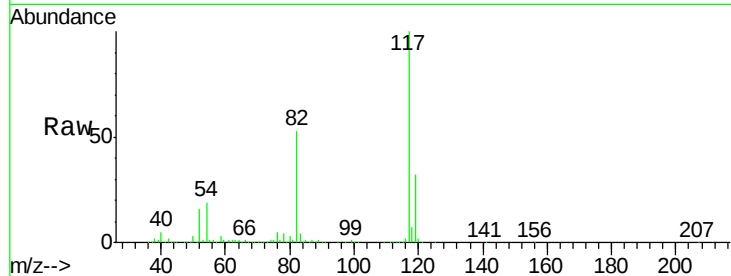




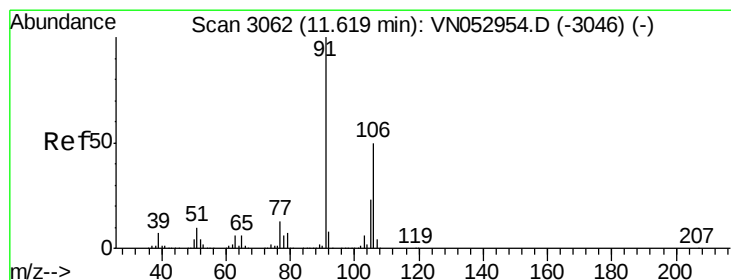
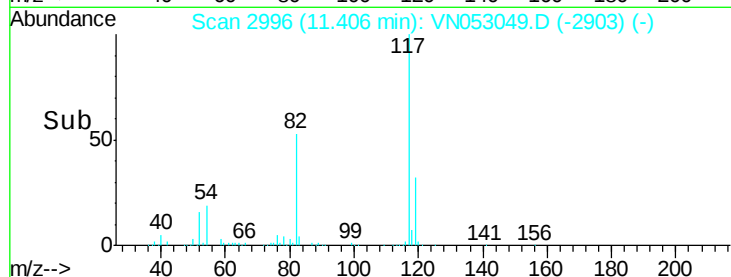
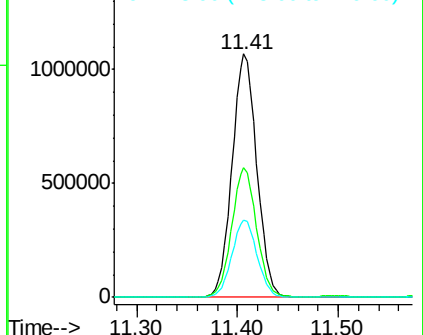
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2B(15-16FT)1218DL

Tgt Ion:117 Resp: 1823034
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 31.8 25.5 38.3

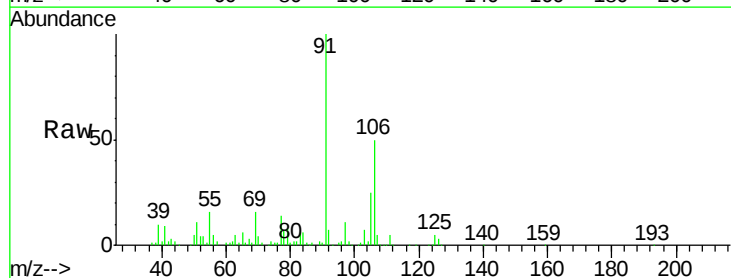


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

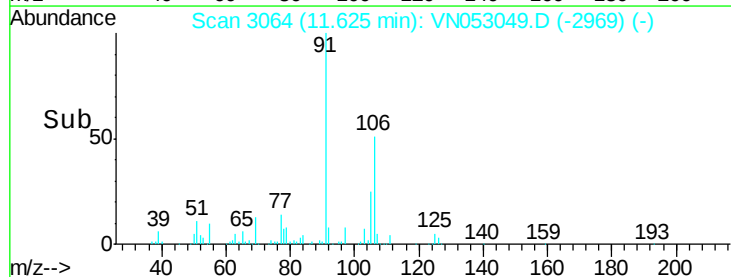
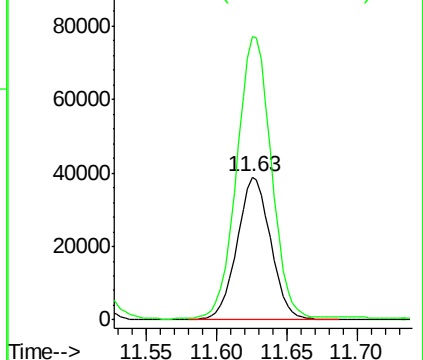


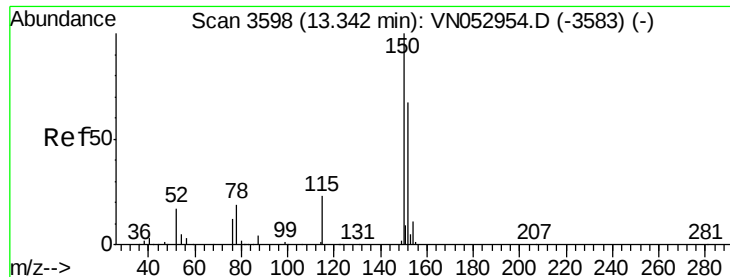
#68
m/p-Xylenes
Concen: 2.454 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Tgt Ion:106 Resp: 64837
Ion Ratio Lower Upper
106 100
91 203.3 162.2 243.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2B(15-16FT)1218DL

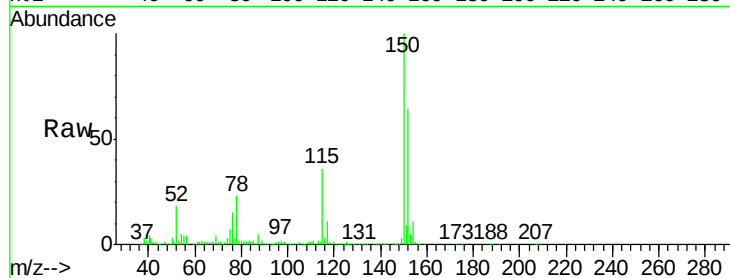
Tgt Ion:152 Resp: 794035

Ion Ratio Lower Upper

152 100

115 62.3 28.3 85.0

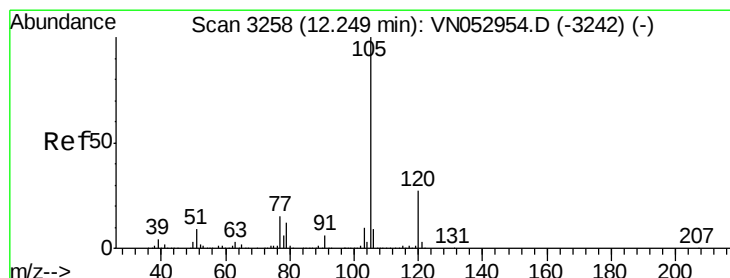
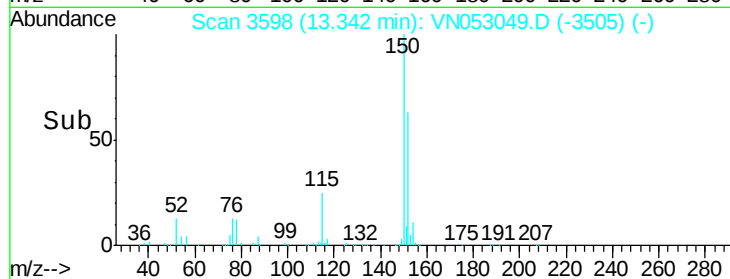
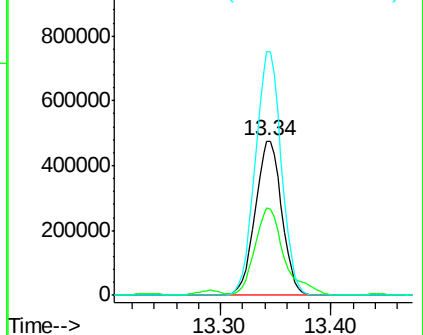
150 155.2 0.0 347.8



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: 4.020 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053049.D

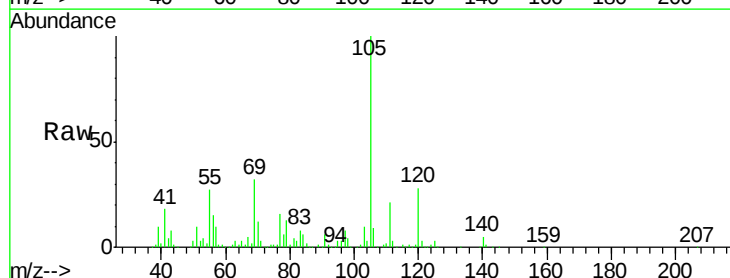
Acq: 20 Dec 2018 11:54

Tgt Ion:105 Resp: 249755

Ion Ratio Lower Upper

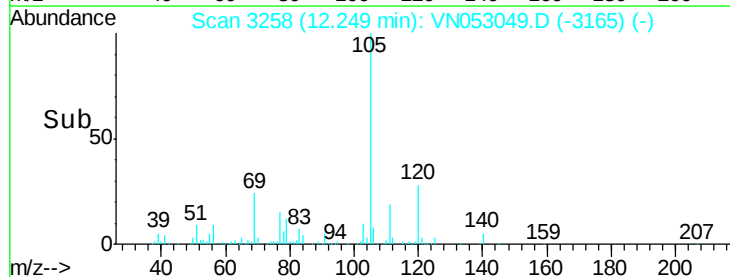
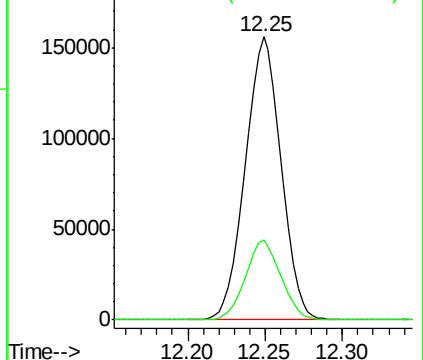
105 100

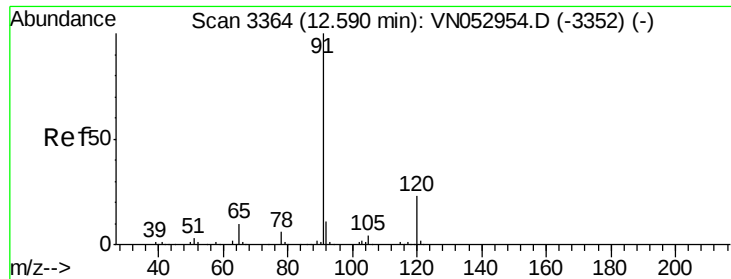
120 27.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 9.970 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053049.D

Acq: 20 Dec 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

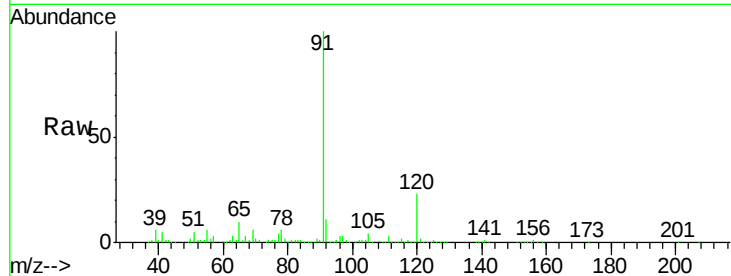
EP1-SBR-2B(15-16FT)1218DL

Tgt Ion: 91 Resp: 705437

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3352) (-)

12.59

400000

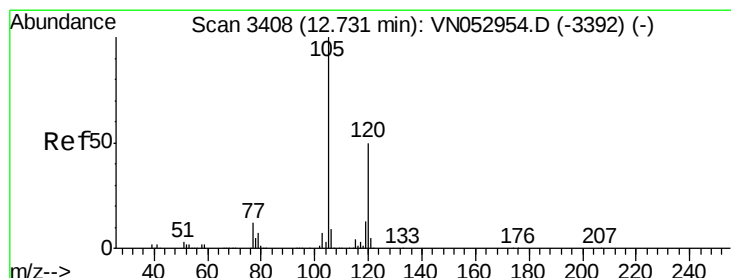
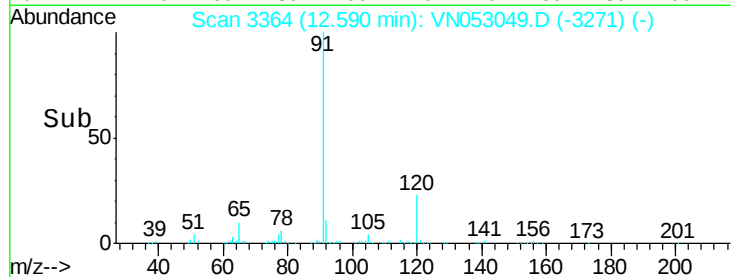
300000

200000

100000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 14.279 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.05 min

Lab File: VN053049.D

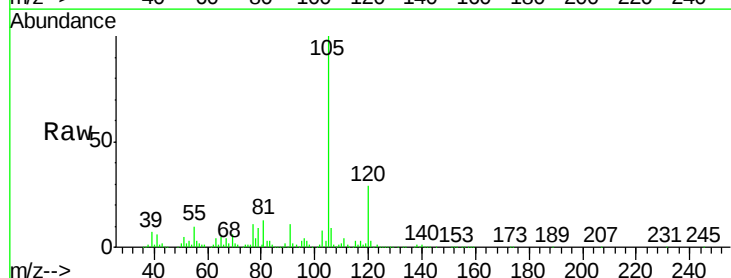
Acq: 20 Dec 2018 11:54

Tgt Ion: 105 Resp: 723079

Ion Ratio Lower Upper

105 100

120 29.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)

12.69

400000

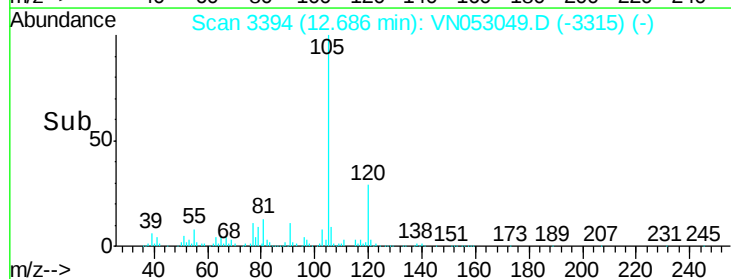
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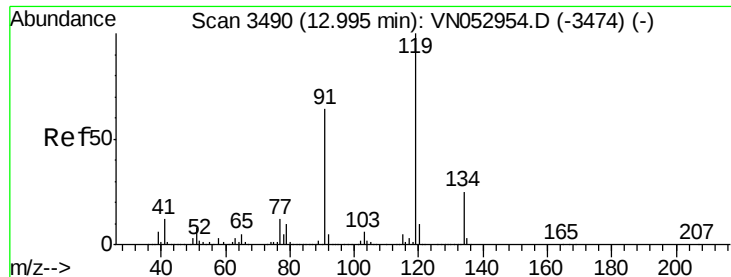
200000

100000

0

Time-->

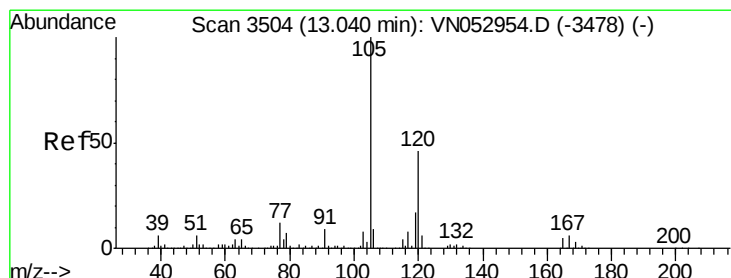
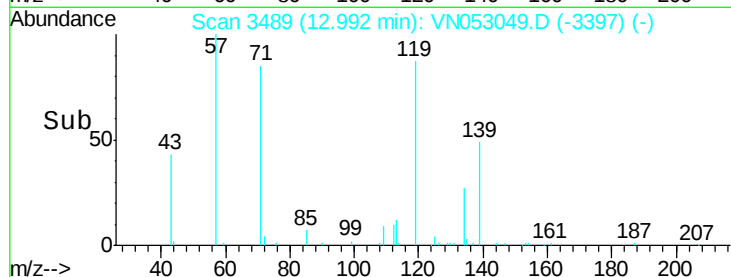
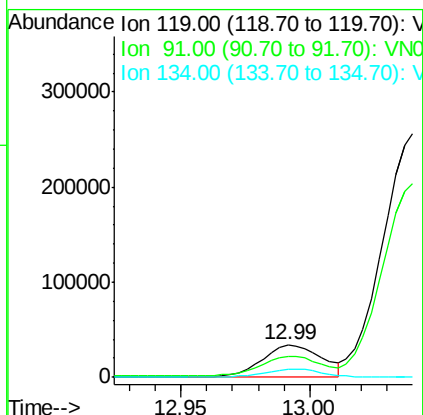
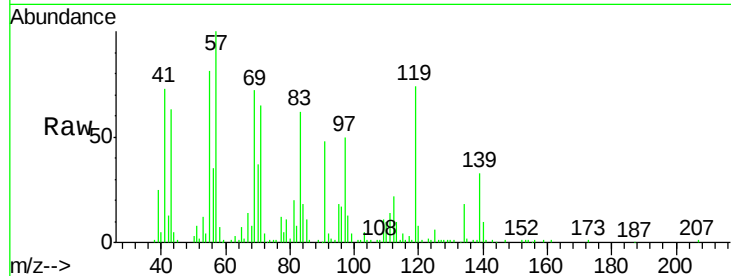




#83
 tert-Butylbenzene
 Concen: 1.214 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

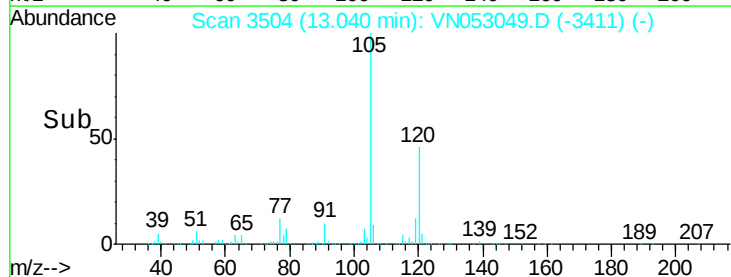
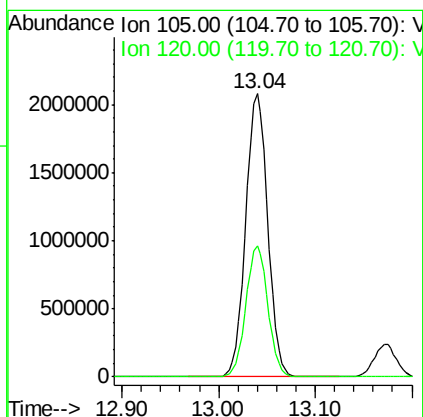
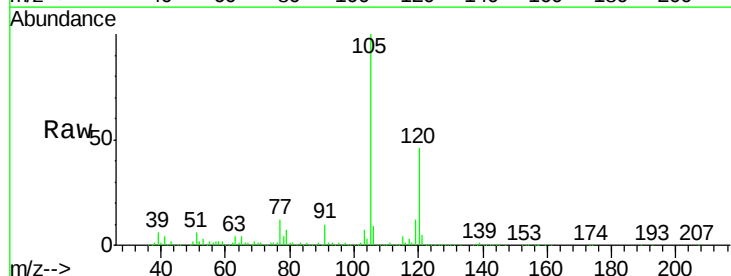
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2B(15-16FT)1218DL

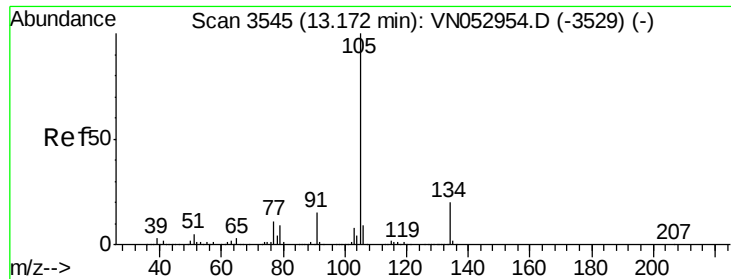
Tgt Ion:119 Resp: 54356
 Ion Ratio Lower Upper
 119 100
 91 68.6 31.9 95.5
 134 25.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 64.293 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Tgt Ion:105 Resp: 3272884
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8

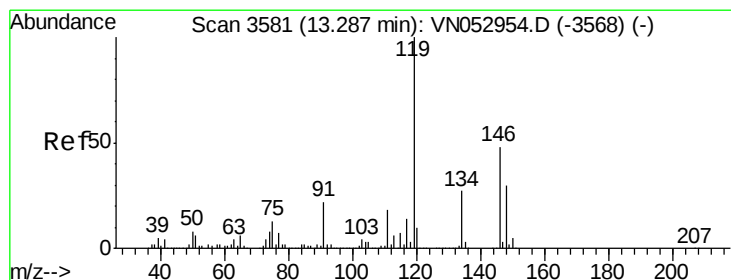
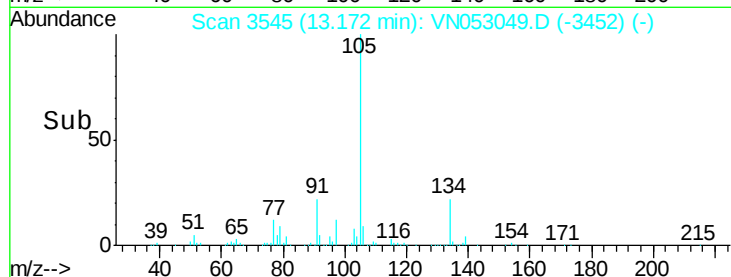
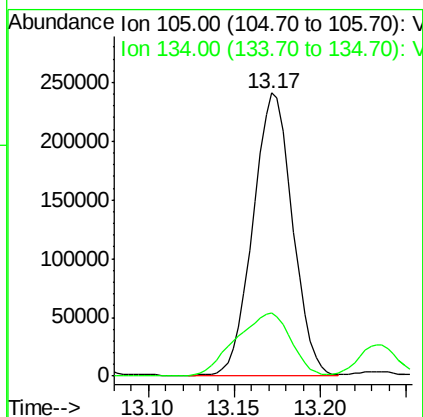
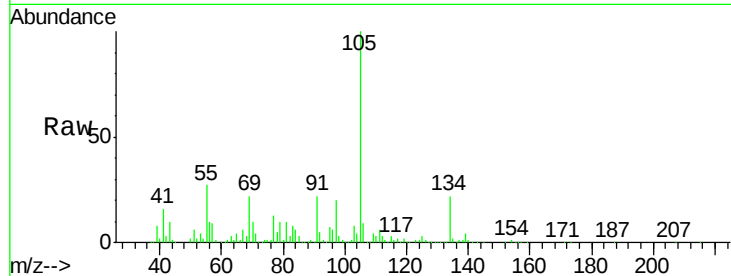




#85
 sec-Butylbenzene
 Concen: 6.294 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

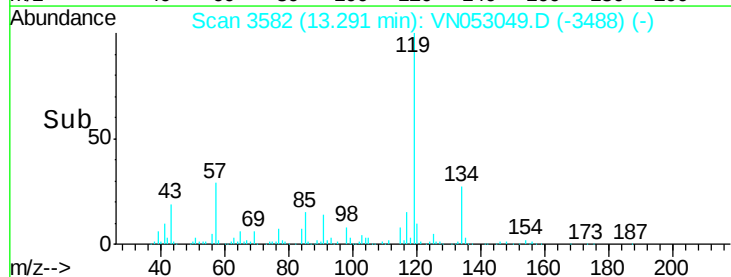
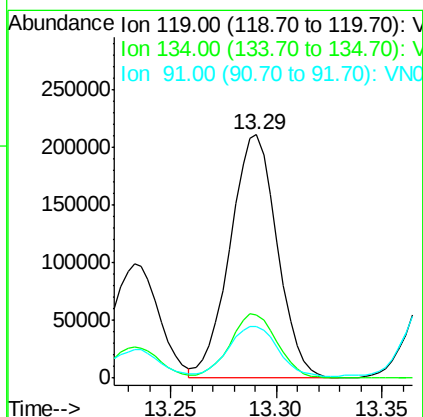
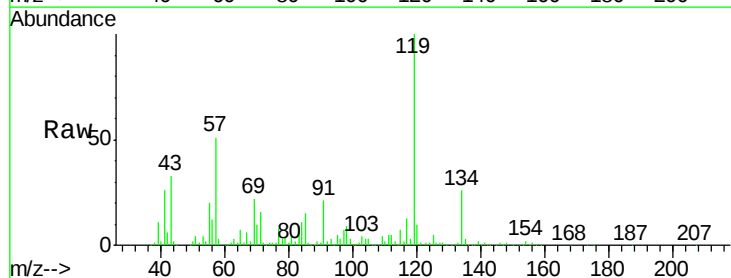
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 ClientSampleId :
 EP1-SBR-2B(15-16FT)1218DL

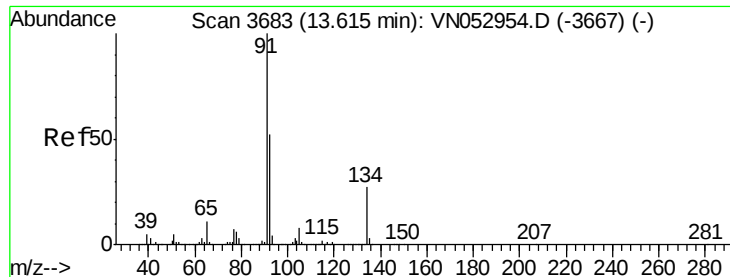
Tgt Ion:105 Resp: 381286
 Ion Ratio Lower Upper
 105 100
 134 31.4 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 6.218 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053049.D
 Acq: 20 Dec 2018 11:54

Tgt Ion:119 Resp: 325473
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 21.6 11.1 33.3

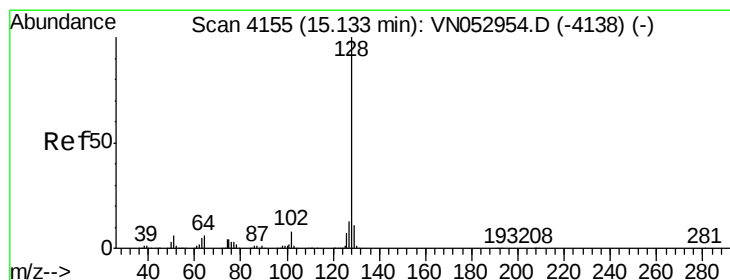
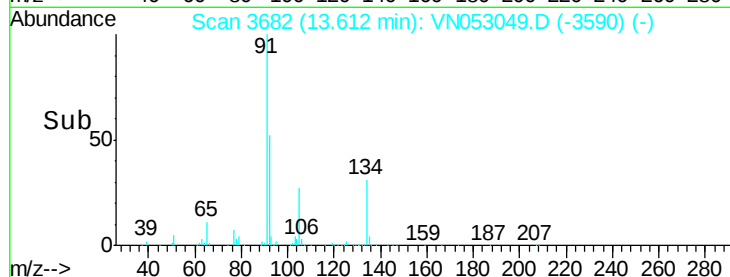
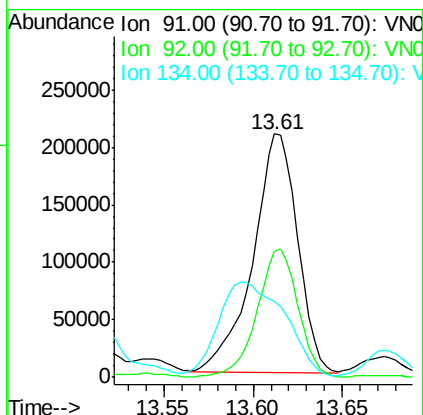
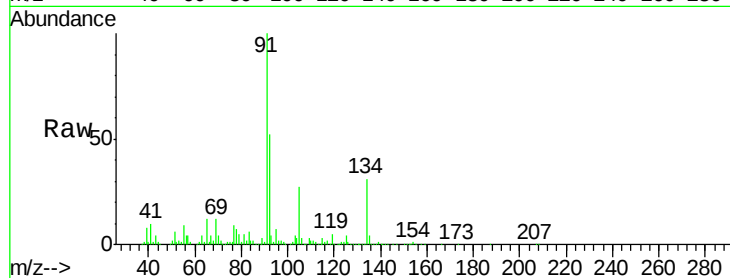




#89
n-Butylbenzene
Concen: 8.082 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2B(15-16FT)1218DL

Tgt Ion: 91 Resp: 363938
Ion Ratio Lower Upper
91 100
92 48.4 26.3 78.9
134 0.0 13.3 39.8#



#95
Naphthalene
Concen: 2.244 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053049.D
Acq: 20 Dec 2018 11:54

Tgt Ion: 128 Resp: 35064
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.4
129 10.1 8.6 13.0

