

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053691.D
 Acq On : 8 Feb 2019 19:32
 Operator : JC/SP
 Sample : K1409-04MEDL 10X
 Misc : 3.94uL/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-09(13-16)MEDL

Quant Time: Feb 09 03:44:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	839535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1331003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1189574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	511939	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	415308	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
35) Dibromofluoromethane	7.59	113	411863	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	10.09	98	1626425	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	531793	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	

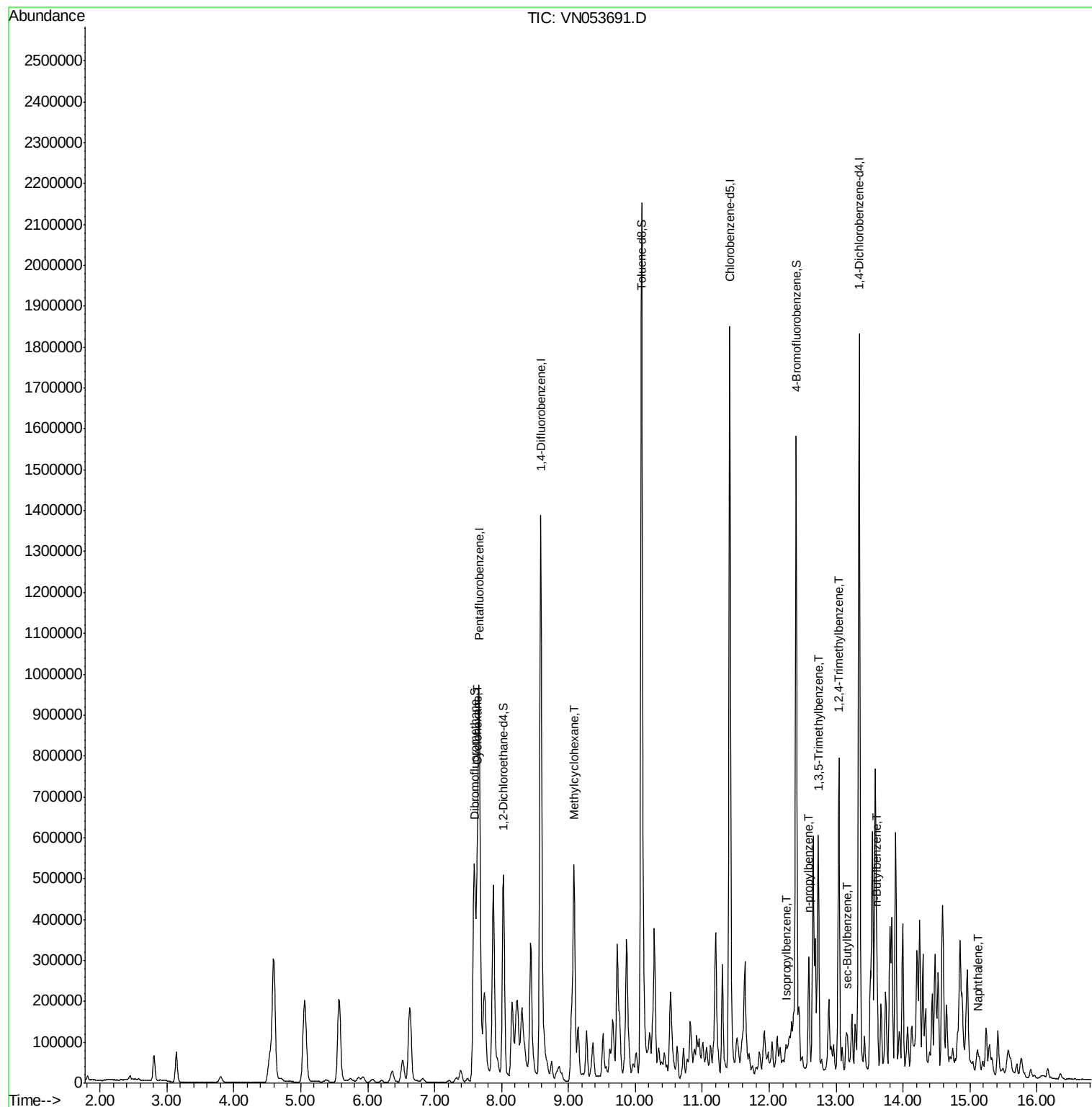
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.63	56	127481	8.811	ug/l #	56
39) Methylcyclohexane	9.08	83	241414	16.960	ug/l	99
73) Isopropylbenzene	12.25	105	40914	1.137	ug/l	99
78) n-propylbenzene	12.59	91	222263	5.342	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	215442	7.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	432488	14.224	ug/l	99
85) sec-Butylbenzene	13.17	105	44886	1.251	ug/l #	45
89) n-Butylbenzene	13.62	91	109080	4.015	ug/l #	75
95) Naphthalene	15.13	128	11305	2.222	ug/l #	92

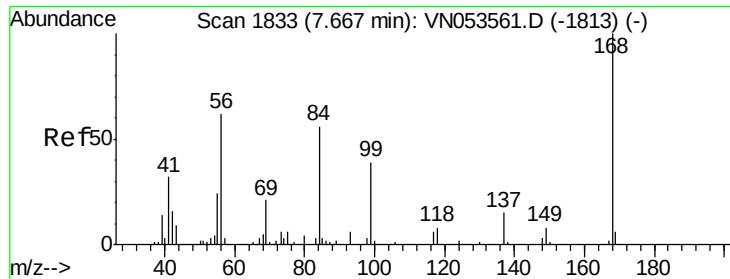
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020819\
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Misc : 3.94µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)MEDL

Quant Time: Feb 09 03:44:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053691.D

Acq: 8 Feb 2019 19:32

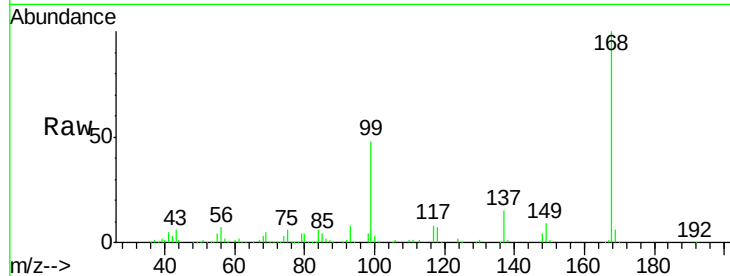
Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)MEDL

Tot Ion:168 Resp: 839535

Ion Ratio Lower Upper

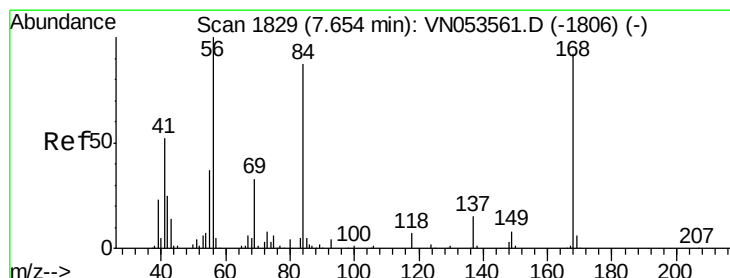
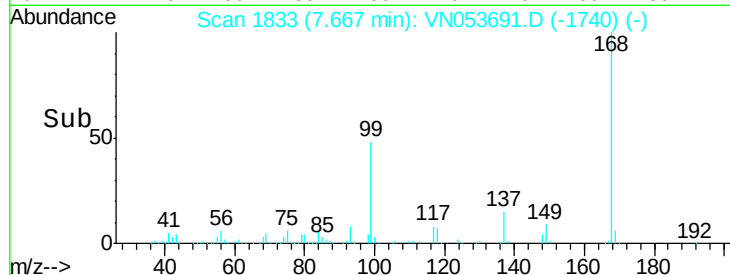
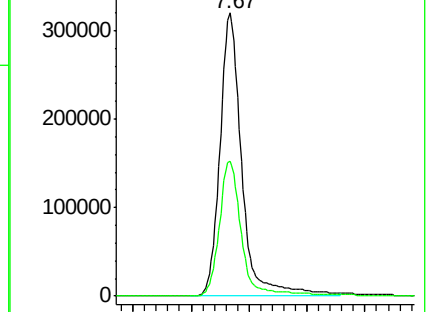
168 100

99 47.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#31

Cyclohexane

Concen: 8.811 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VN053691.D

Acq: 8 Feb 2019 19:32

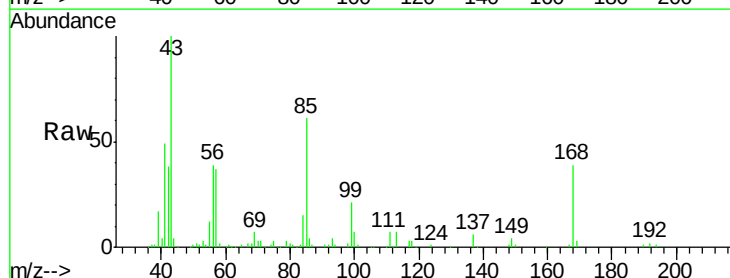
Tgt Ion: 56 Resp: 127481

Ion Ratio Lower Upper

56 100

69 16.4 26.4 39.6#

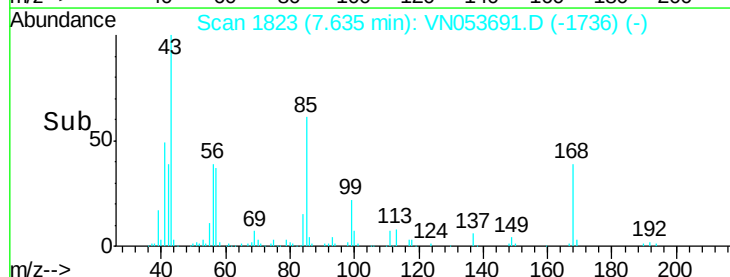
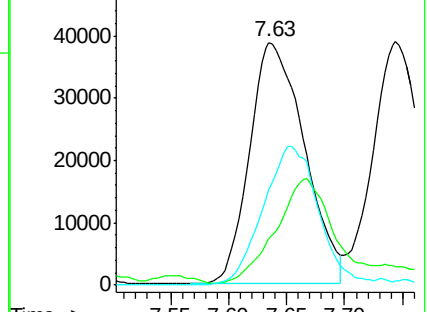
84 39.2 67.9 101.9#

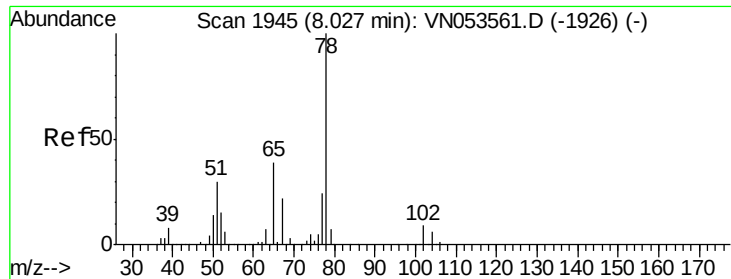


Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

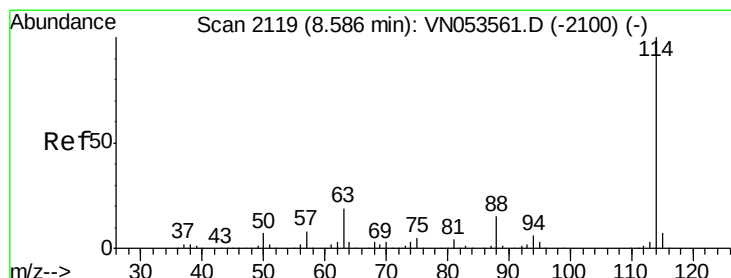
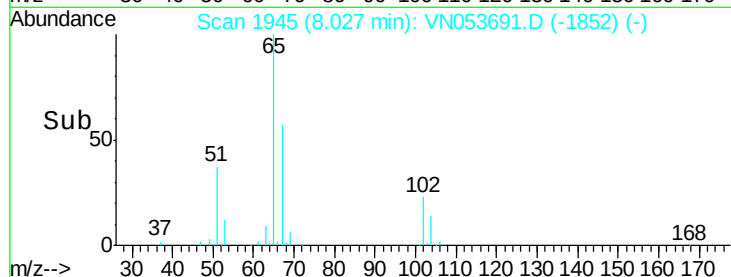
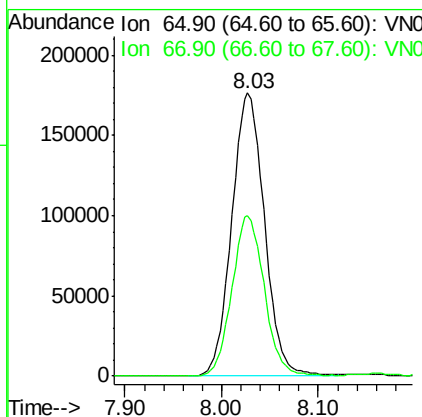
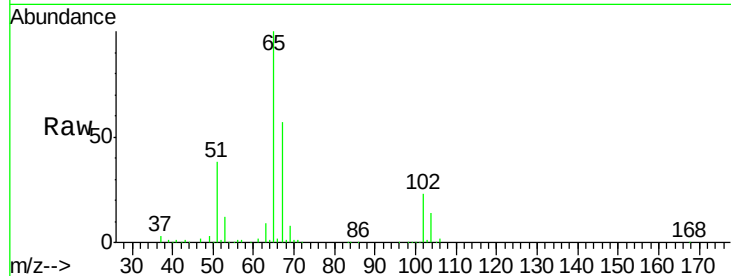




#33
 1,2-Dichloroethane-d4
 Concen: 49.311 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053691.D
 Acq: 8 Feb 2019 19:32

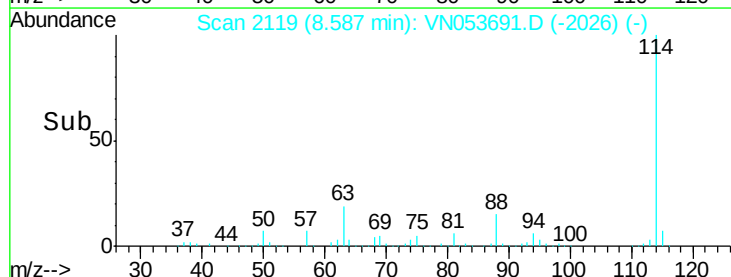
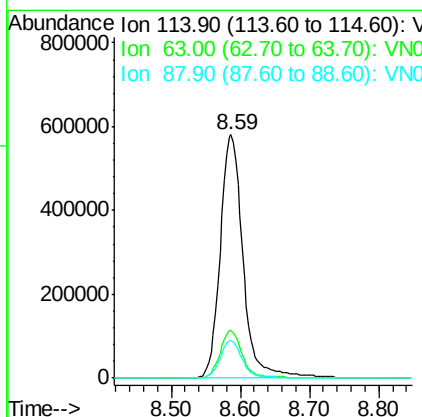
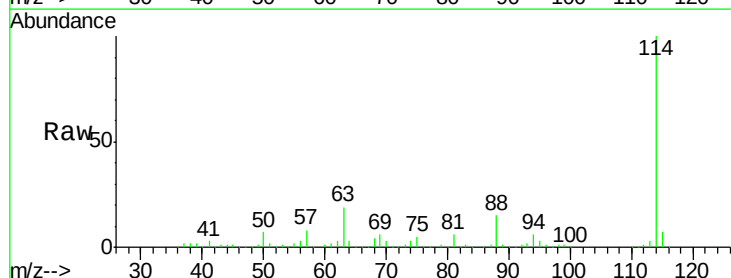
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-09(13-16)MEDL

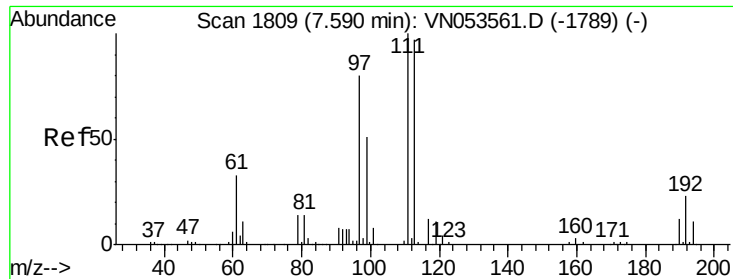
Tot Ion: 65 Resp: 415308
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053691.D
 Acq: 8 Feb 2019 19:32

Tgt Ion: 114 Resp: 1331003
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.5 0.0 30.4

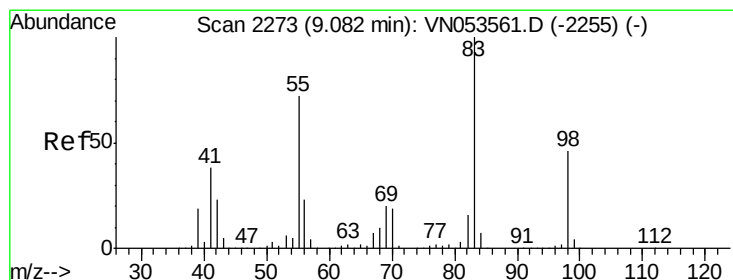
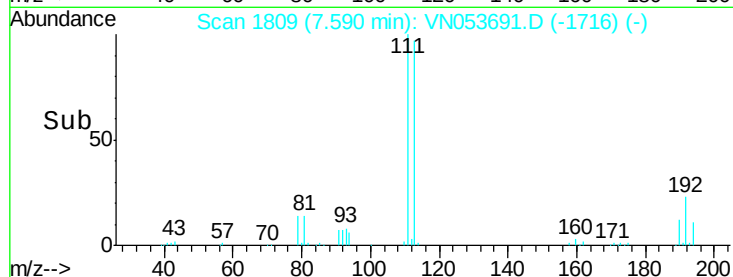
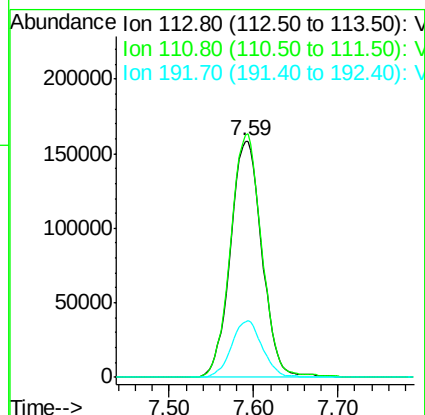
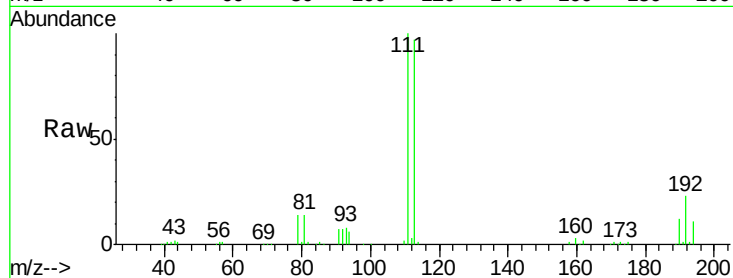




#35
Dibromofluoromethane
Concen: 48.972 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053691.D
Acq: 8 Feb 2019 19:32

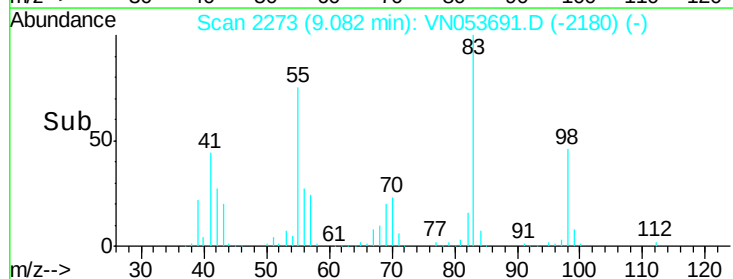
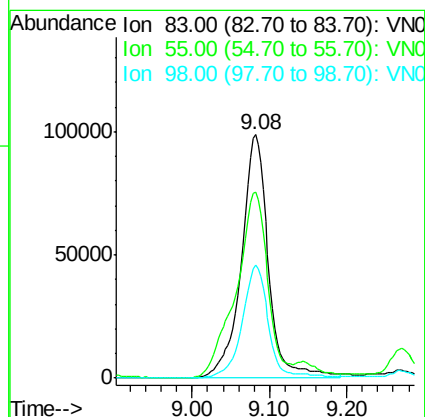
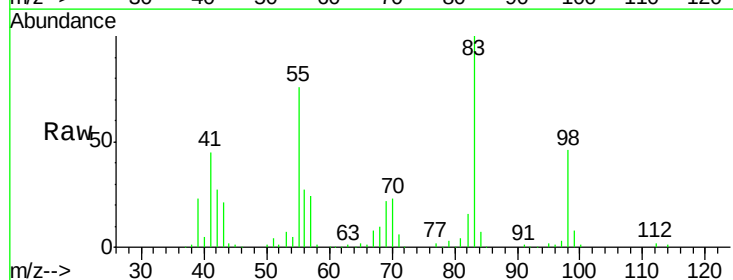
Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)MEDL

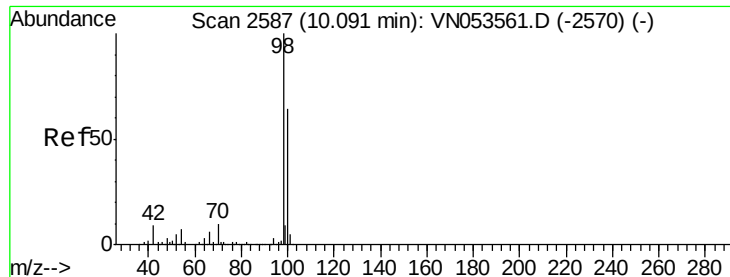
Tot Ion:113 Resp: 411863
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 23.6 18.2 27.2



#39
Methylcyclohexane
Concen: 16.960 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053691.D
Acq: 8 Feb 2019 19:32

Tgt Ion: 83 Resp: 241414
Ion Ratio Lower Upper
83 100
55 75.9 60.1 90.1
98 46.2 36.6 55.0





#50

Toluene-d8

Concen: 51.504 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053691.D

Acq: 8 Feb 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

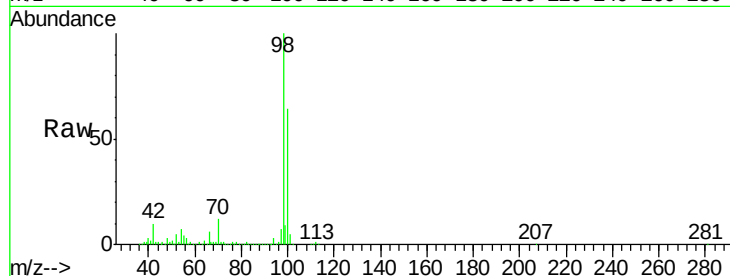
SB-09(13-16)MEDL

Tot Ion: 98 Resp: 1626425

Ion Ratio Lower Upper

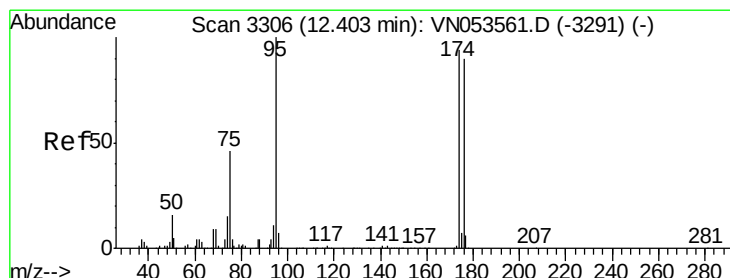
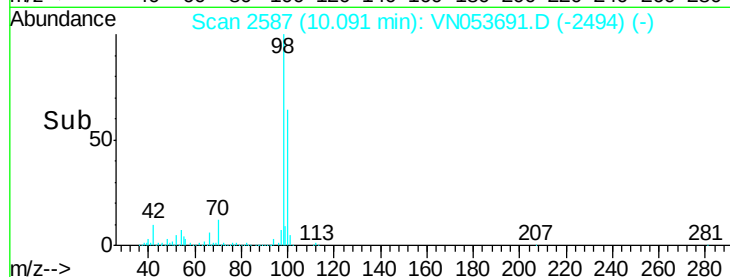
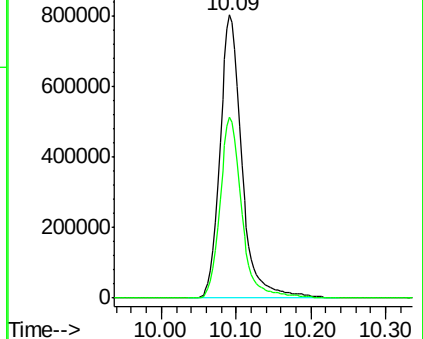
98 100

100 63.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 50.493 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053691.D

Acq: 8 Feb 2019 19:32

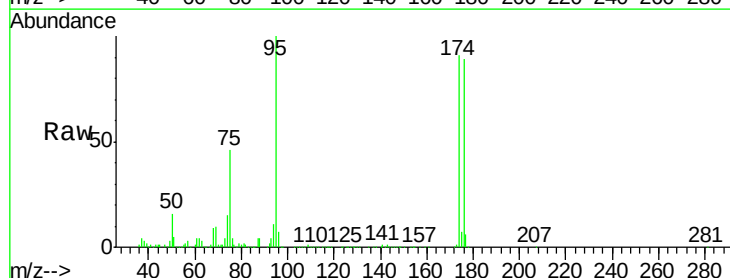
Tgt Ion: 95 Resp: 531793

Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.2

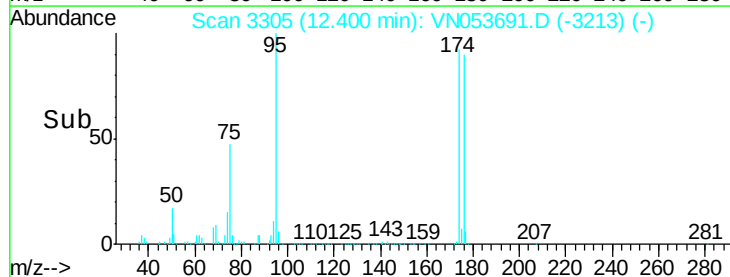
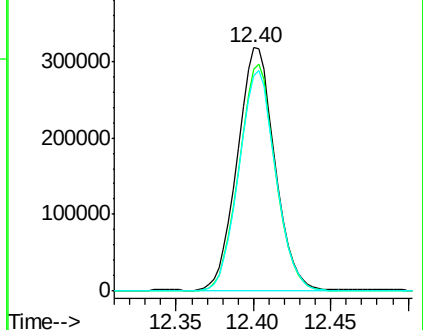
176 90.0 0.0 177.4

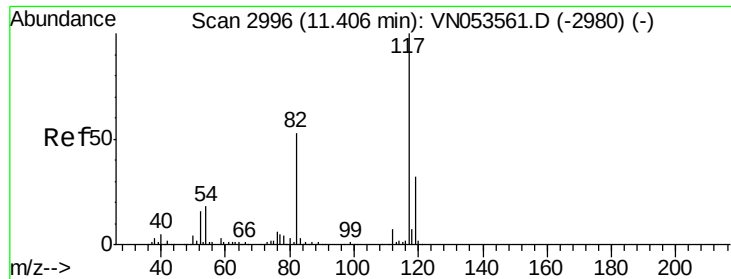


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

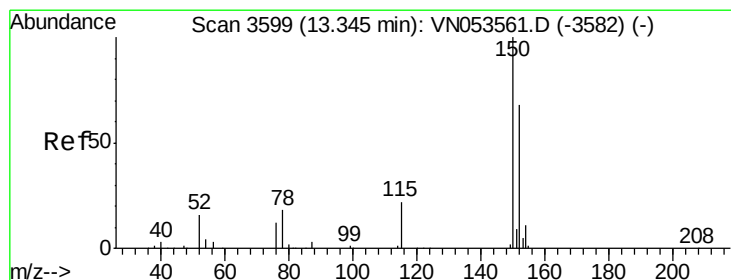
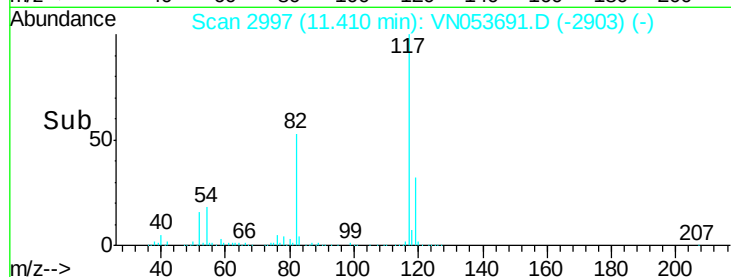
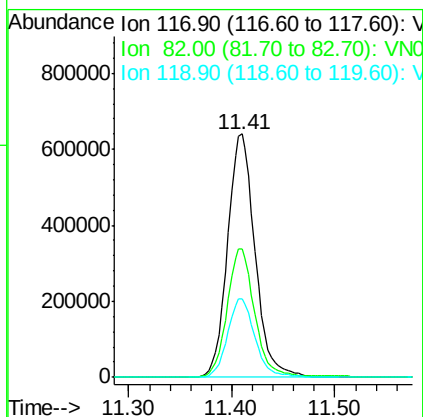
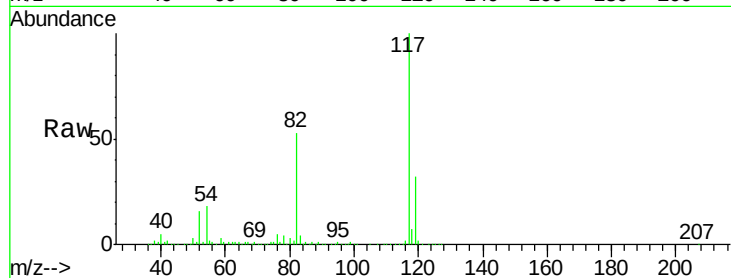




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053691.D
Acq: 8 Feb 2019 19:32

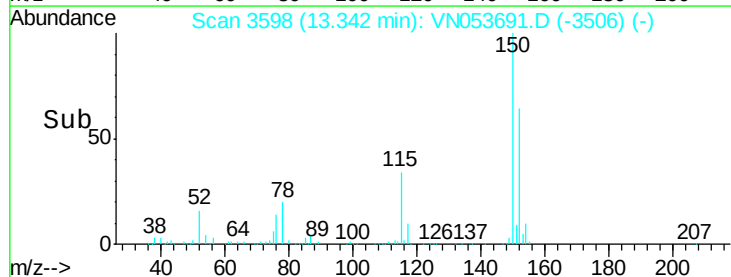
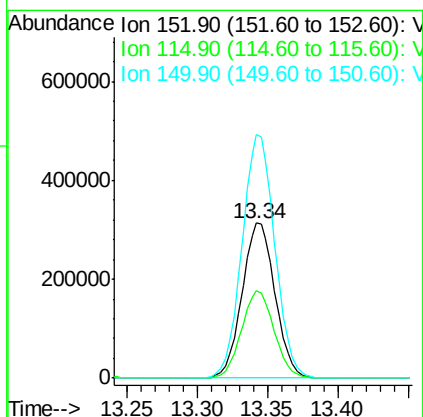
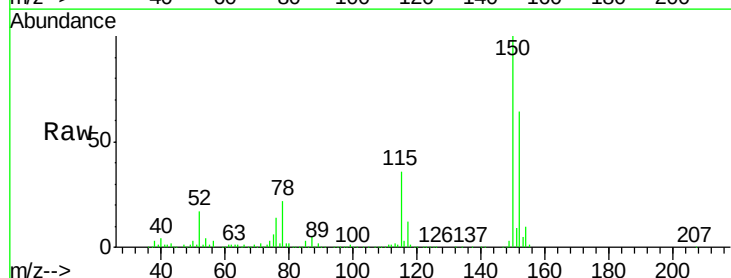
Instrument :
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ClientSampleId :
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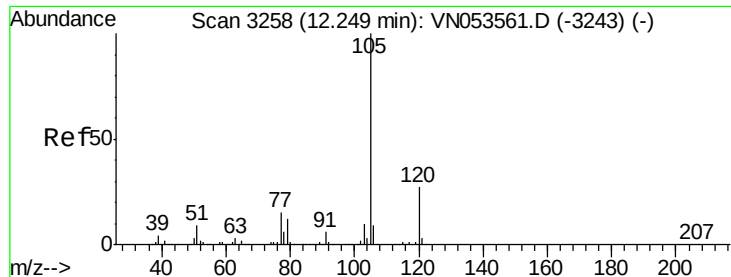
Tot Ion:117 Resp: 1189574
Ion Ratio Lower Upper
117 100
82 52.6 42.9 64.3
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053691.D
Acq: 8 Feb 2019 19:32

Tgt Ion:152 Resp: 511939
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 156.5 0.0 349.0





#73

Isopropylbenzene

Concen: 1.137 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053691.D

Acq: 8 Feb 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

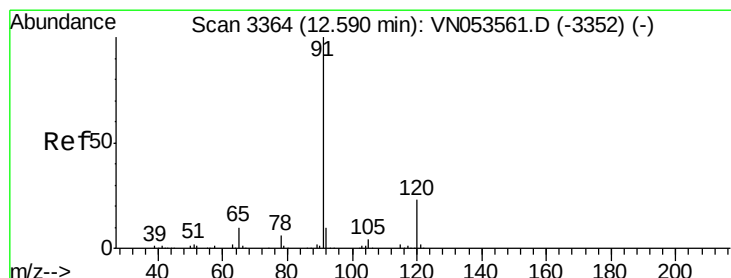
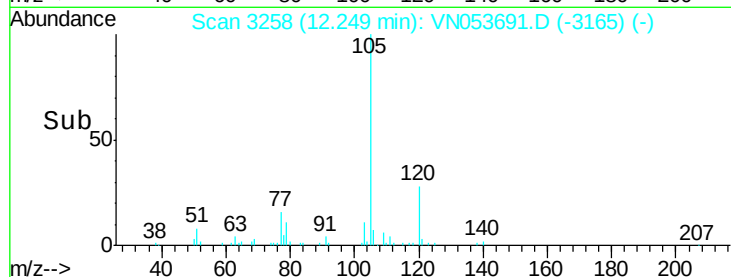
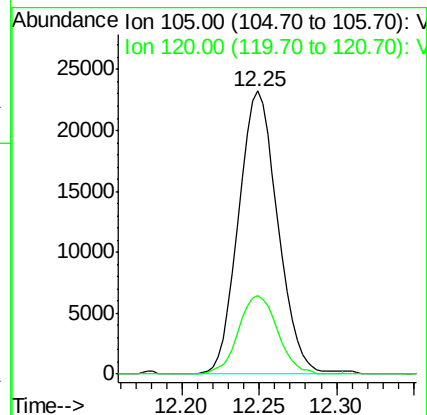
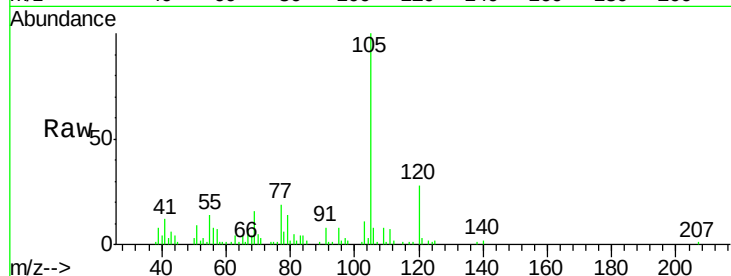
SB-09(13-16)MEDL

Tot Ion:105 Resp: 40914

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.7



#78

n-propylbenzene

Concen: 5.342 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053691.D

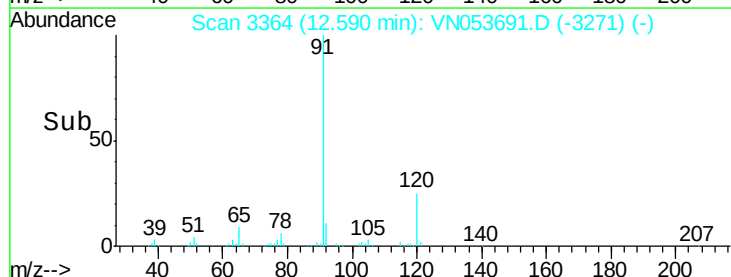
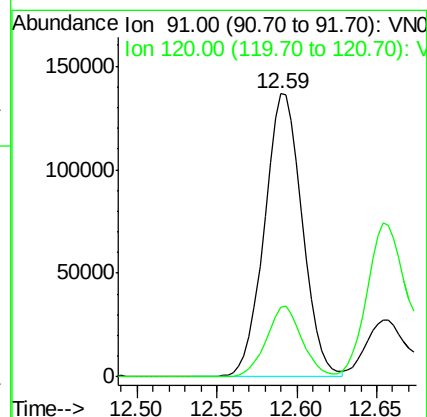
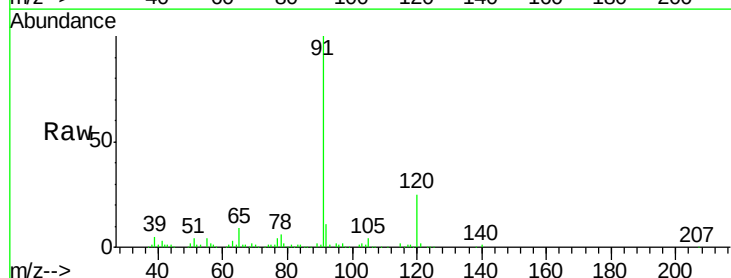
Acq: 8 Feb 2019 19:32

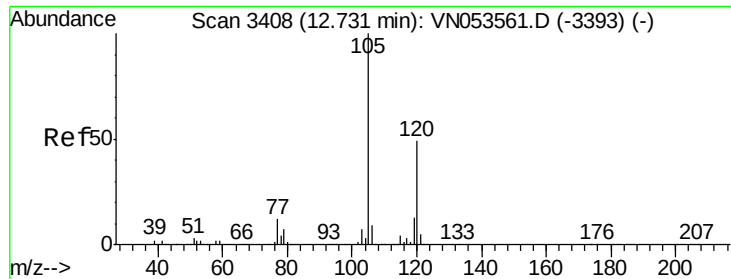
Tgt Ion: 91 Resp: 222263

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 7.219 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053691.D

Acq: 8 Feb 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

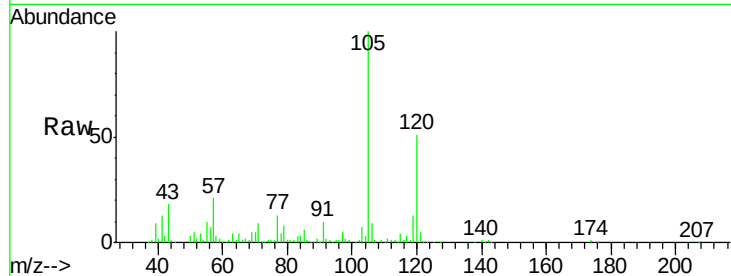
SB-09(13-16)MEDL

Tot Ion:105 Resp: 215442

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

12.75

12.80

Time-->

Abundance

Ion 105.00 (104.70 to 105.70): V

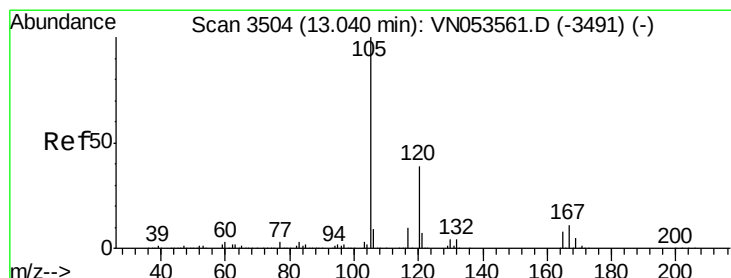
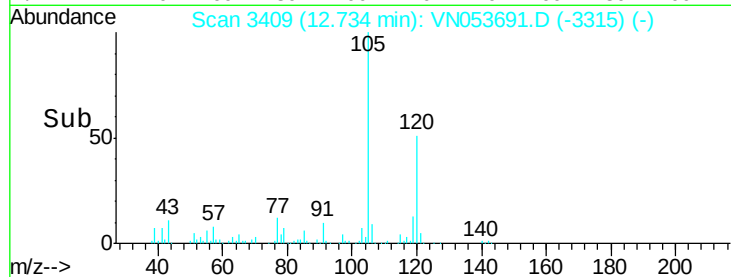
Ion 120.00 (119.70 to 120.70): V

12.73

12.75

12.80

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 14.224 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053691.D

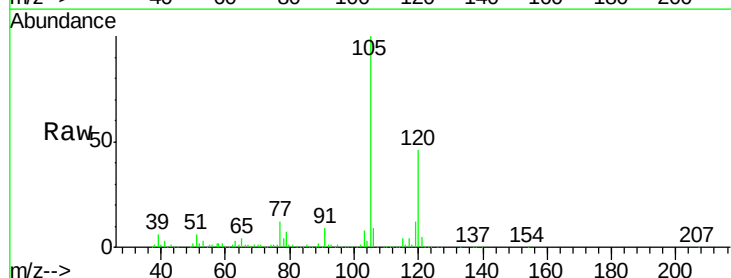
Acq: 8 Feb 2019 19:32

Tgt Ion:105 Resp: 432488

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0



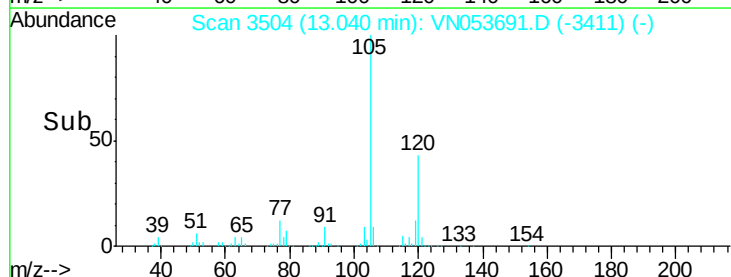
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

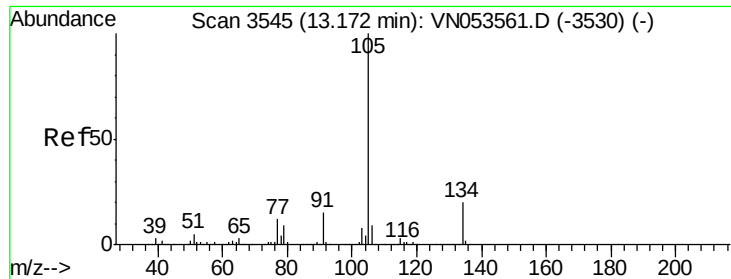
13.04

13.10

Time-->



Time-->



#85

sec-Butylbenzene

Concen: 1.251 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053691.D

Acq: 8 Feb 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

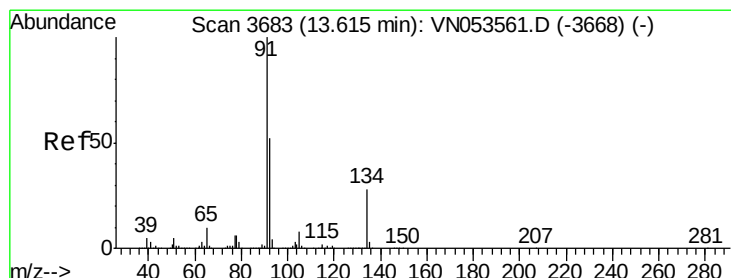
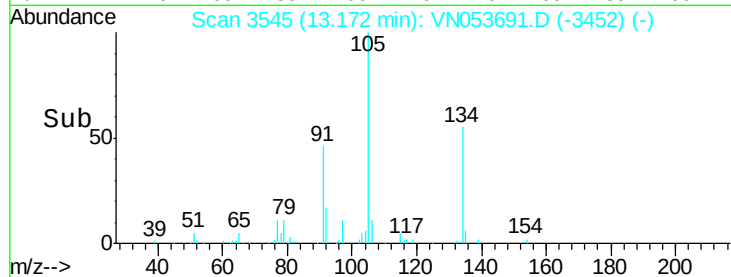
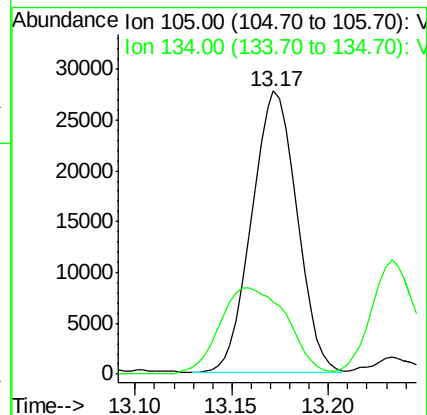
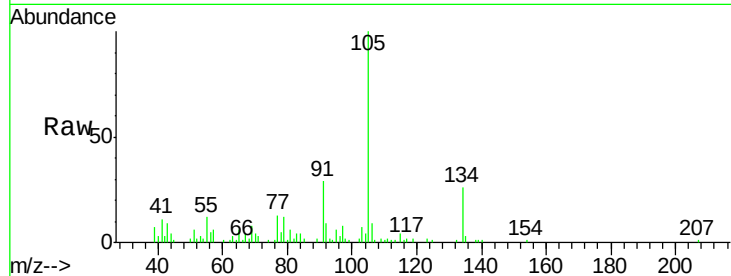
SB-09(13-16)MEDL

Tot Ion:105 Resp: 44886

Ion Ratio Lower Upper

105 100

134 45.9 10.2 30.6#



#89

n-Butylbenzene

Concen: 4.015 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053691.D

Acq: 8 Feb 2019 19:32

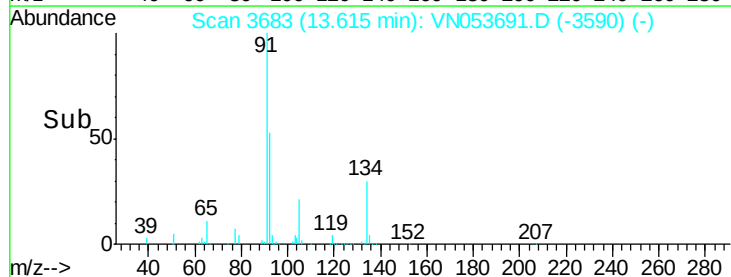
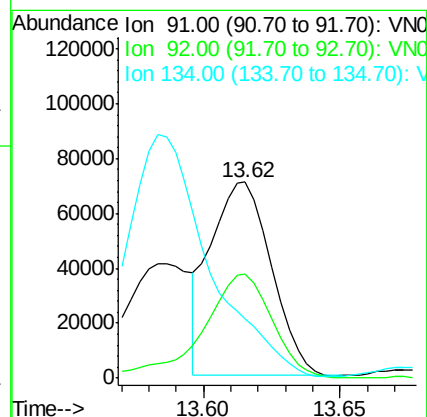
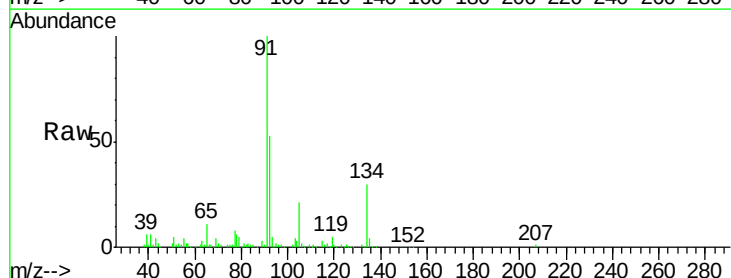
Tgt Ion: 91 Resp: 109080

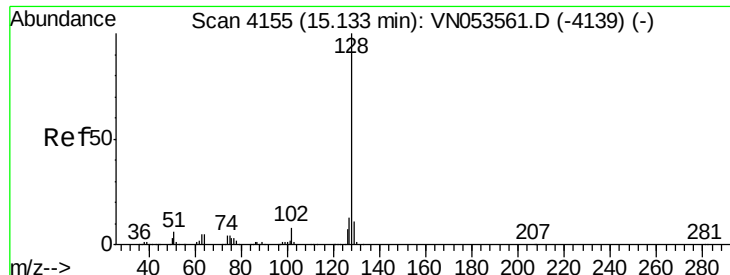
Ion Ratio Lower Upper

91 100

92 60.7 26.3 78.8

134 0.0 13.5 40.5#

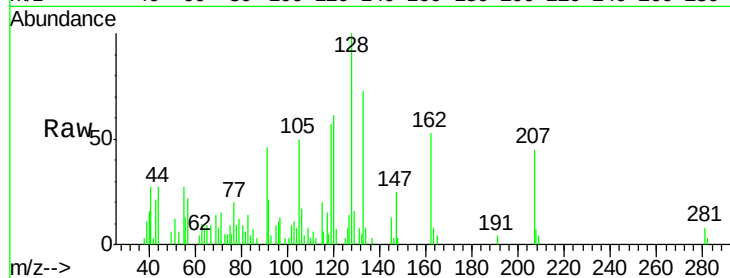




#95
Naphthalene
Concen: 2.222 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053691.D
Acq: 8 Feb 2019 19:32

Instrument :
MSVOA_N
ClientSampleId :
SB-09(13-16)MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.3	15.5
129	5.3	8.6	13.0



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

