

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054301.D
 Acq On : 15 Mar 2019 10:02
 Operator : JC/SP
 Sample : K1902-08 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30303

Quant Time: Mar 15 18:44:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1470893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2412839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2547325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1110653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	734529	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.59	113	732589	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.09	98	2993836	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.40	95	1154892	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	

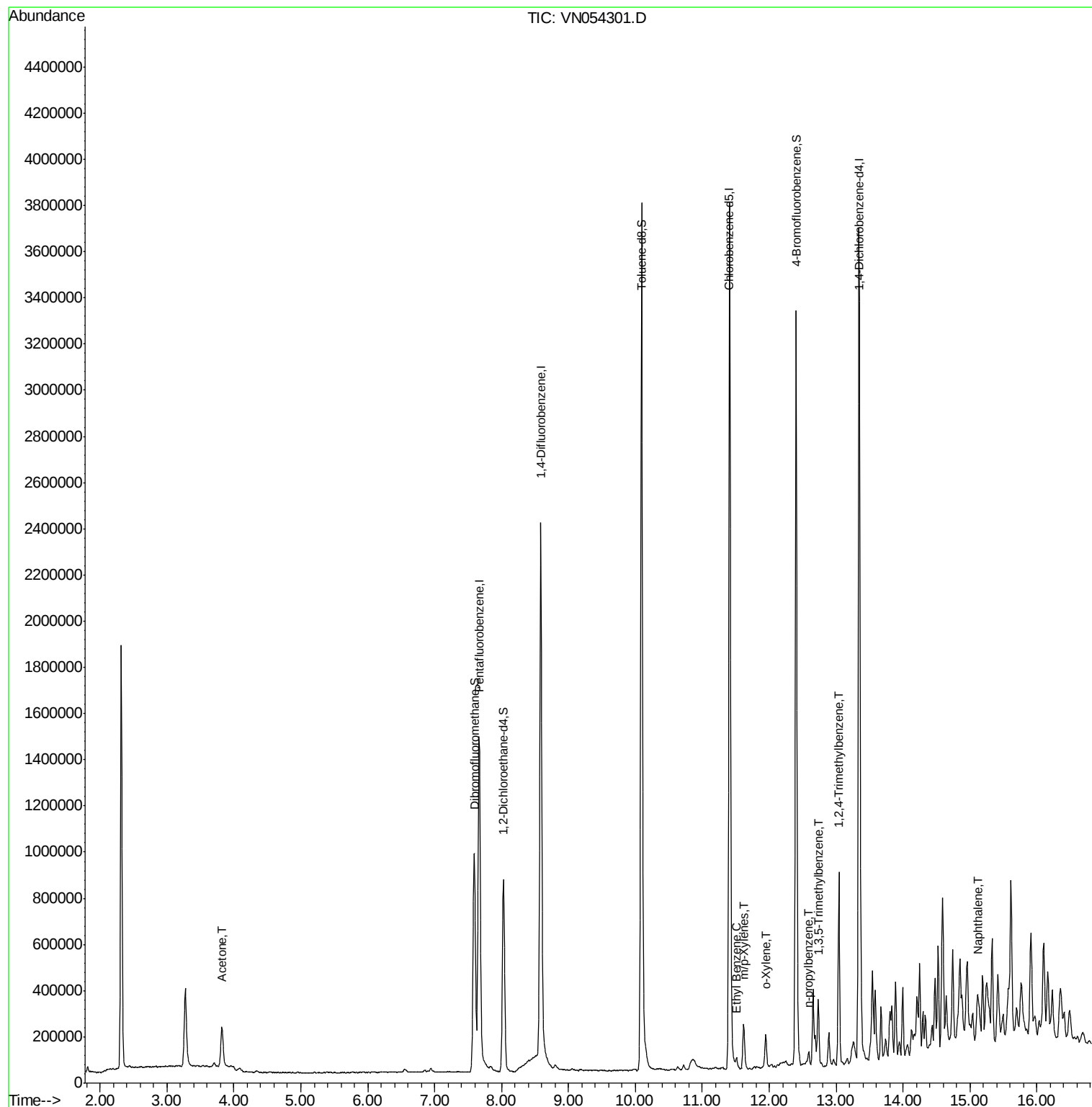
Target Compounds						Qvalue
16) Acetone	3.82	43	275735	61.649	ug/l	97
67) Ethyl Benzene	11.51	91	30332	0.327	ug/l	94
68) m/p-Xylenes	11.62	106	65526	1.808	ug/l	92
69) o-Xylene	11.95	106	42086	1.191	ug/l	96
78) n-propylbenzene	12.59	91	45088	0.468	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	124598	1.686	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	493872	6.811	ug/l	99
95) Naphthalene	15.13	128	101884	5.416	ug/l	95

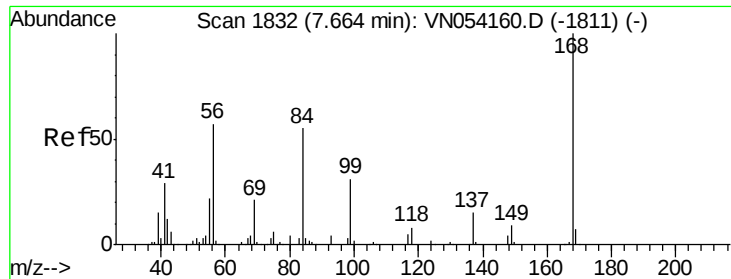
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

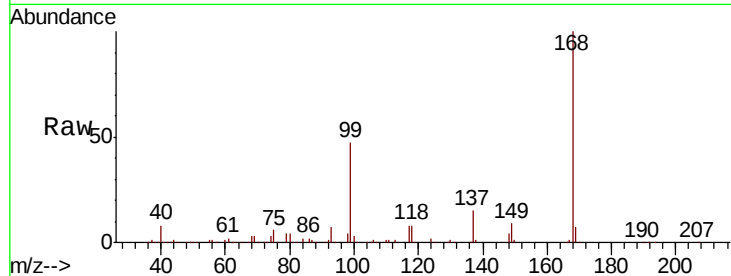
30303

Tgt Ion:168 Resp: 1470893

Ion Ratio Lower Upper

168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054301.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054301.D (-1739) (-)

7.66

600000

500000

400000

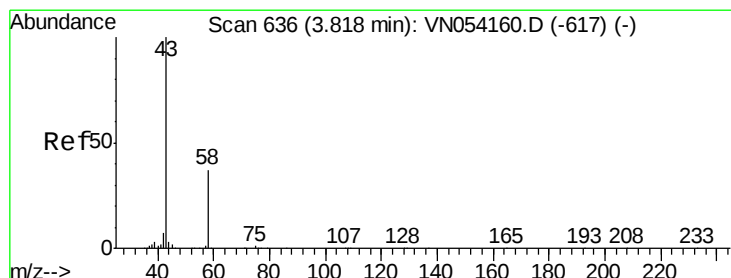
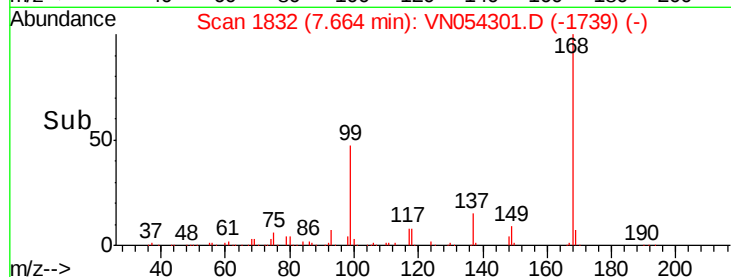
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 61.649 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054301.D

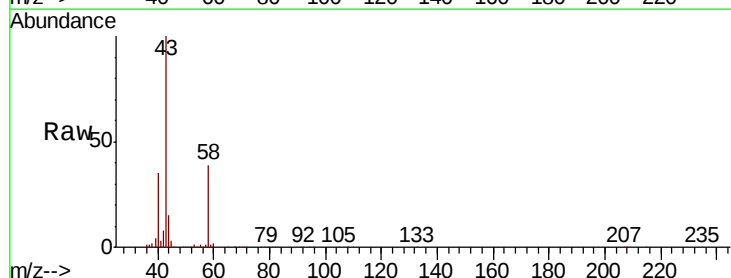
Acq: 15 Mar 2019 10:02

Tgt Ion: 43 Resp: 275735

Ion Ratio Lower Upper

43 100

58 39.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054301.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054301.D (-543) (-)

3.82

120000

100000

80000

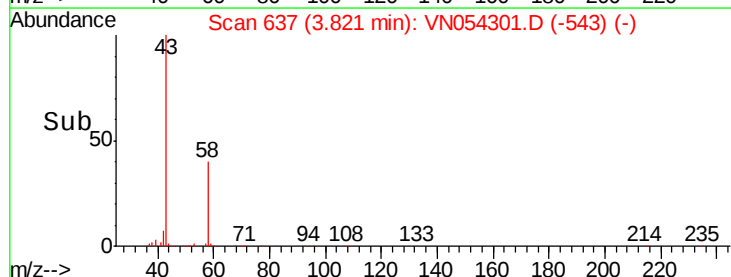
60000

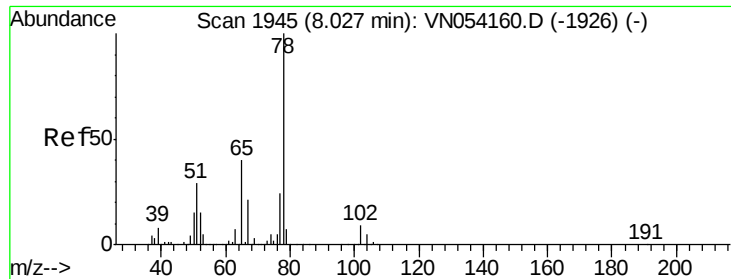
40000

20000

0

Time--> 3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 47.022 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

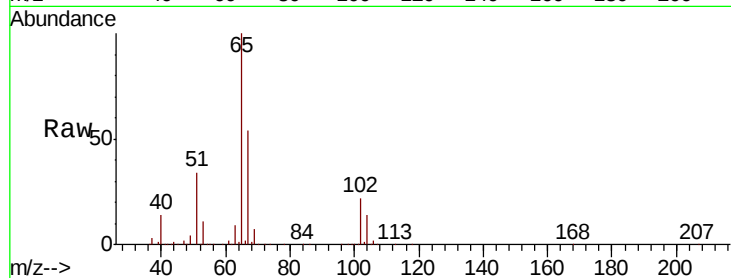
30303

Tgt Ion: 65 Resp: 734529

Ion Ratio Lower Upper

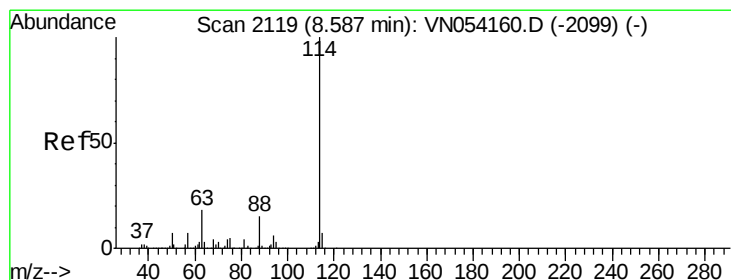
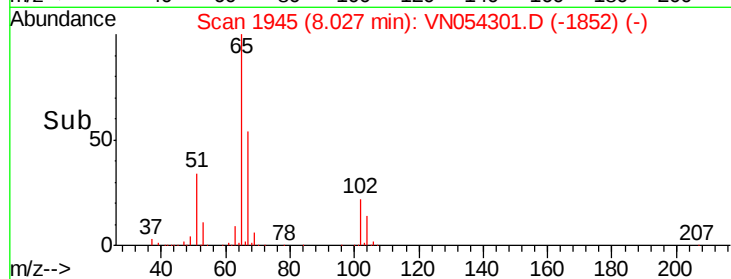
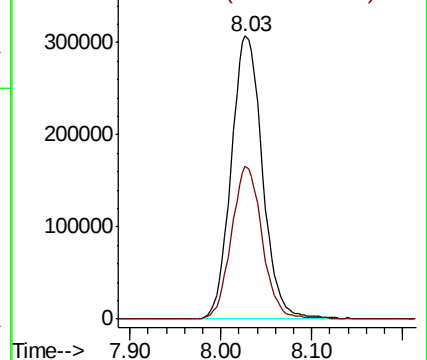
65 100

67 53.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

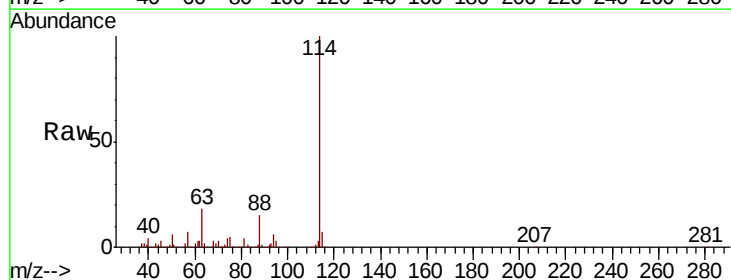
Tgt Ion: 114 Resp: 2412839

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

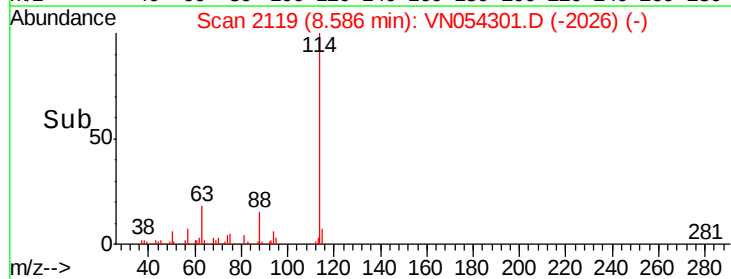
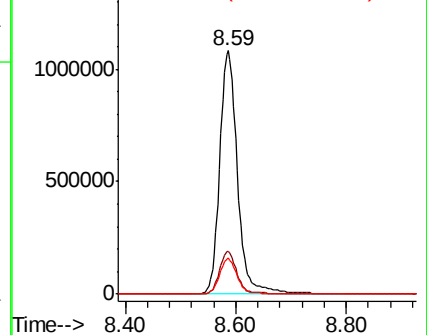
88 14.6 0.0 30.2

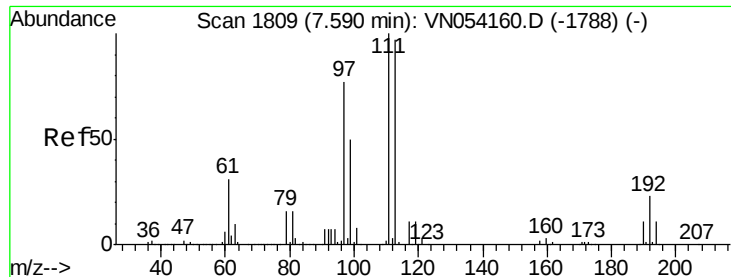


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

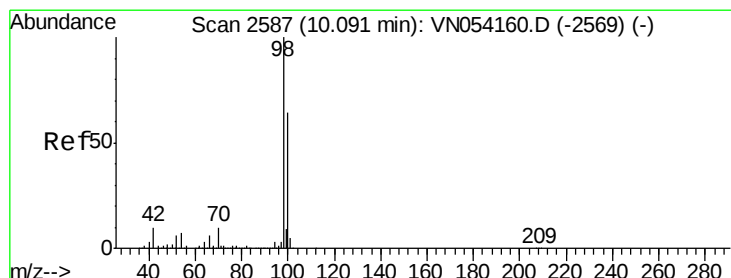
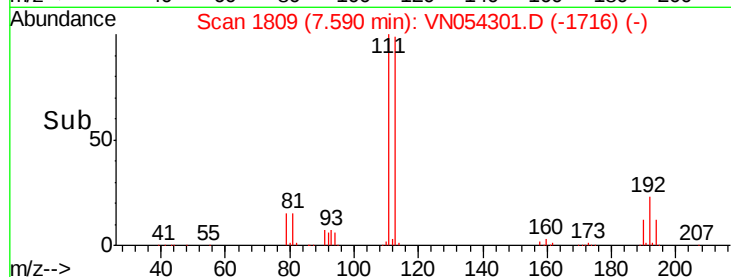
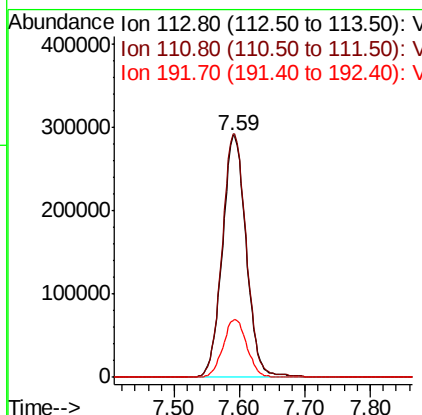
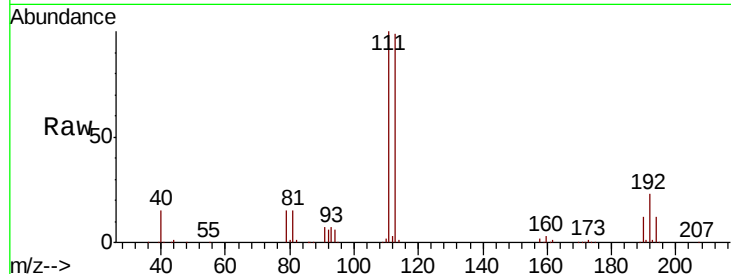




#35
 Dibromofluoromethane
 Concen: 47.076 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054301.D
 Acq: 15 Mar 2019 10:02

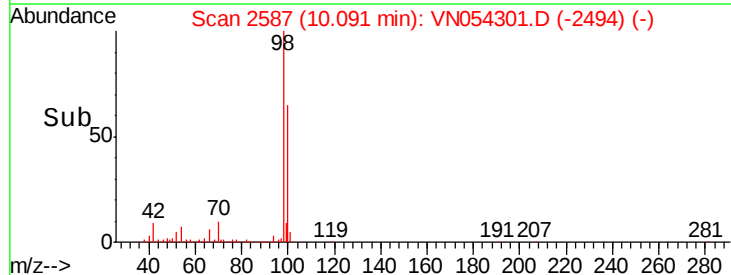
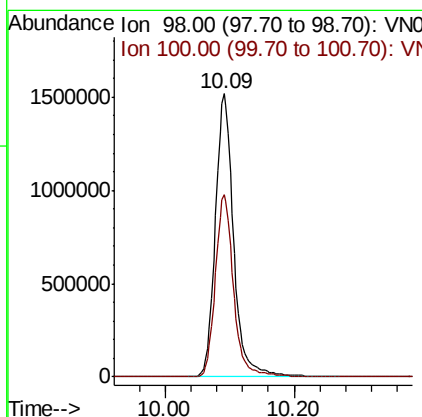
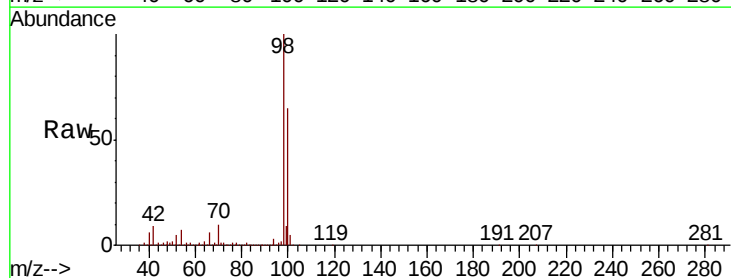
Instrument :
 MSVOA_N
 ClientSampleId :
 30303

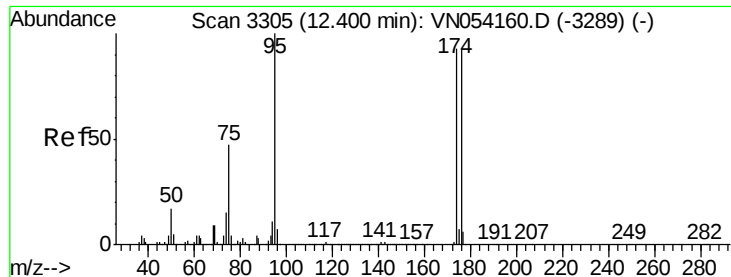
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	24.1	19.2	28.8



#50
 Toluene-d8
 Concen: 52.092 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054301.D
 Acq: 15 Mar 2019 10:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8

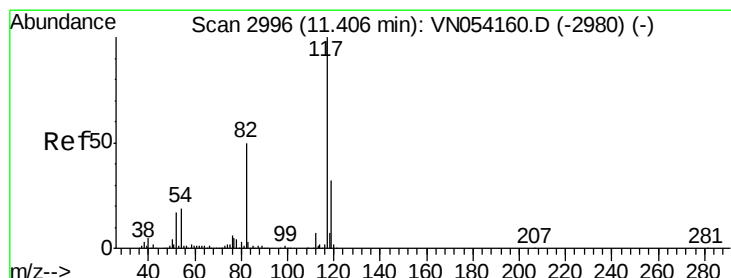
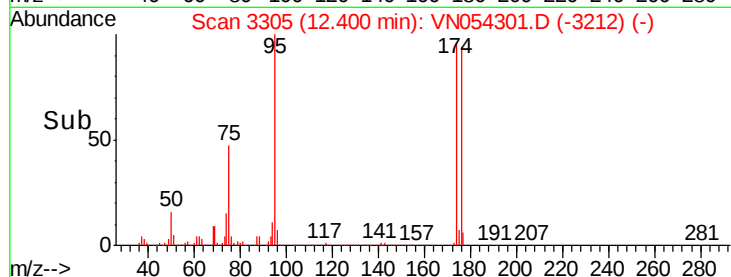
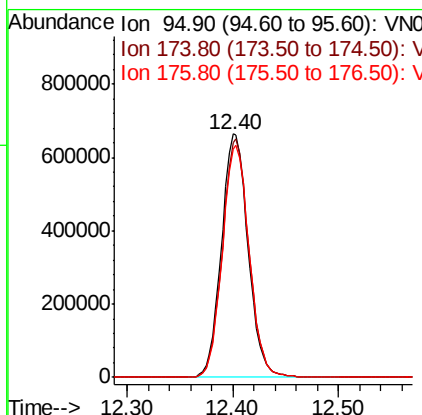
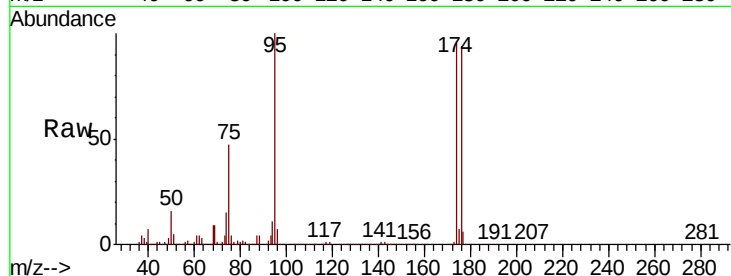




#62
4-Bromofluorobenzene
Concen: 57.430 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

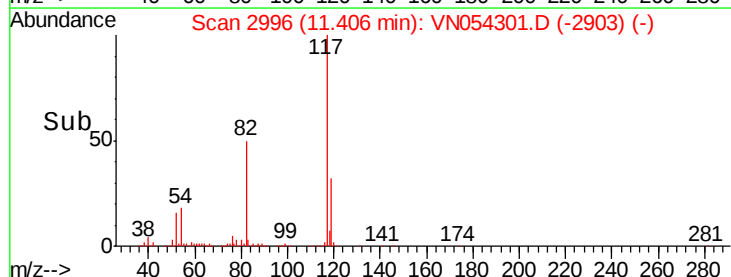
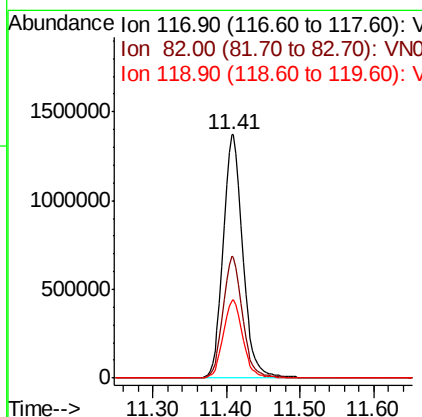
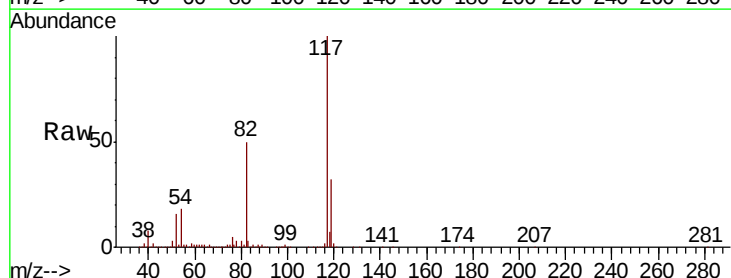
Instrument :
MSVOA_N
ClientSampled :
30303

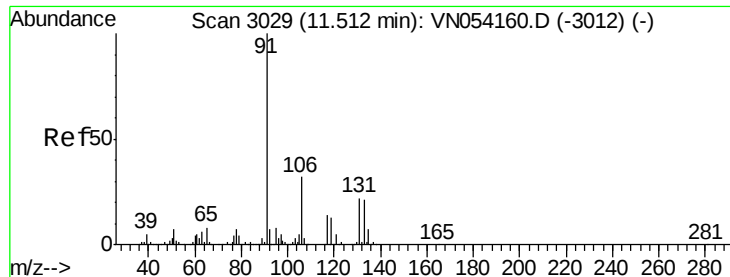
Tgt Ion: 95 Resp: 1154892
Ion Ratio Lower Upper
95 100
174 97.6 0.0 191.0
176 96.2 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Tgt Ion: 117 Resp: 2547325
Ion Ratio Lower Upper
117 100
82 50.1 40.0 60.0
119 31.9 25.8 38.6





#67

Ethyl Benzene

Concen: 0.327 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

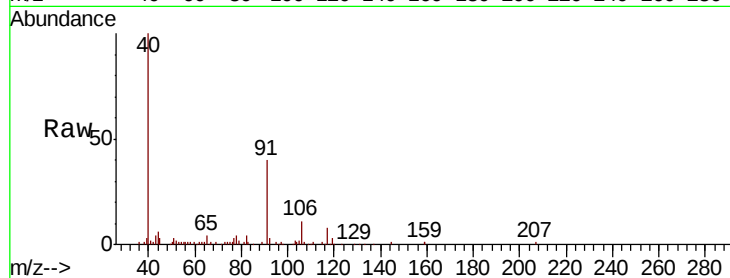
30303

Tgt Ion: 91 Resp: 30332

Ion Ratio Lower Upper

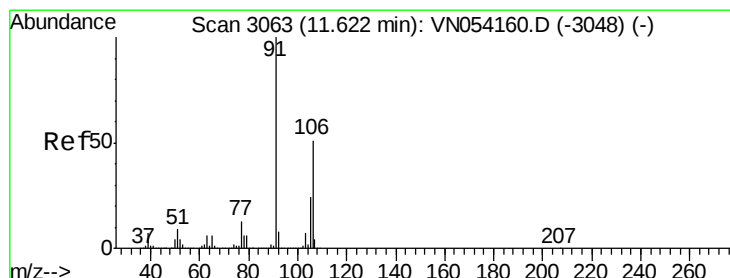
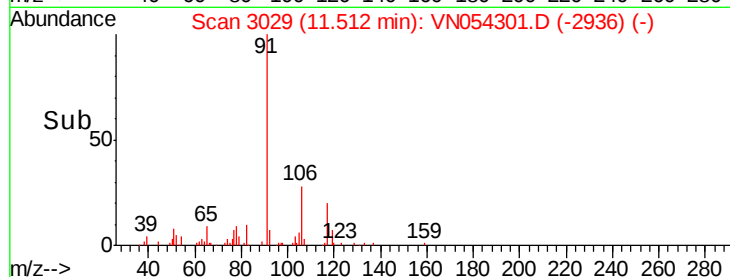
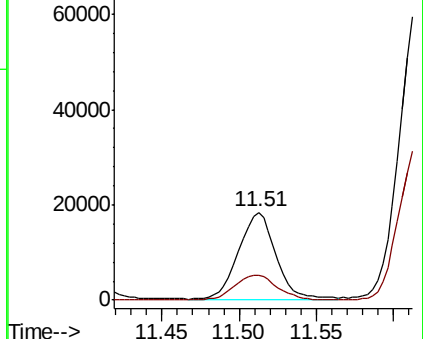
91 100

106 28.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN054160.D (-3012) (-)



#68

m/p-Xylenes

Concen: 1.808 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054301.D

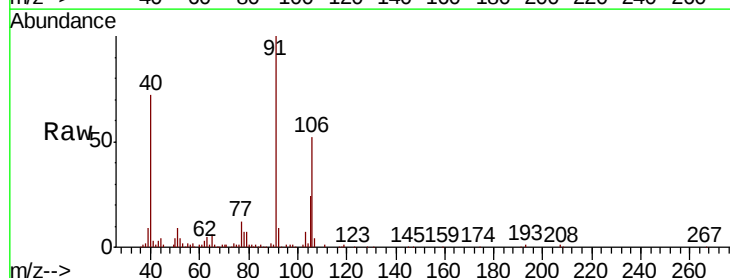
Acq: 15 Mar 2019 10:02

Tgt Ion: 106 Resp: 65526

Ion Ratio Lower Upper

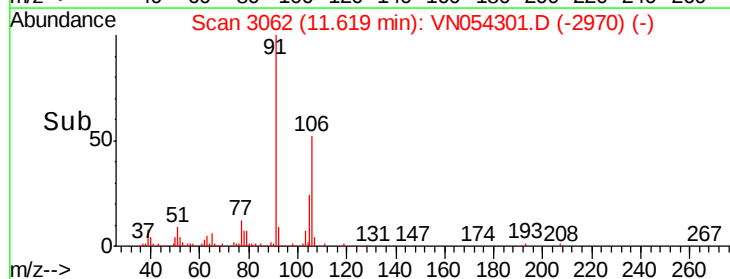
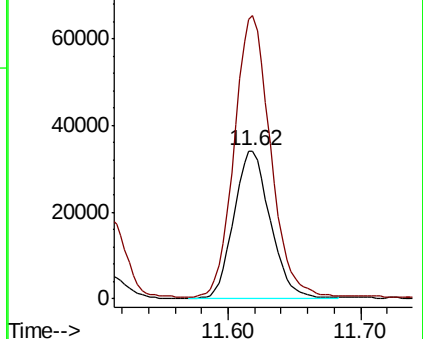
106 100

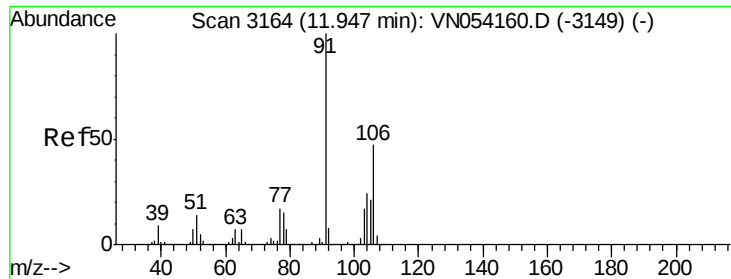
91 186.6 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VN054160.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN054160.D (-3048) (-)

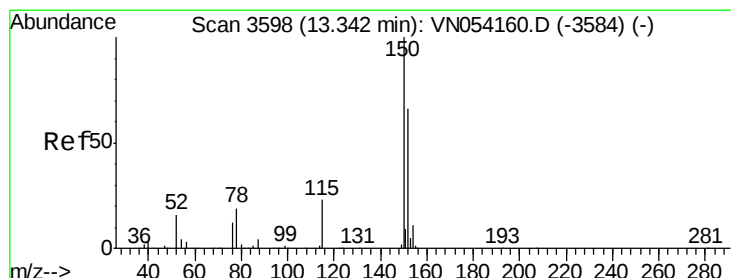
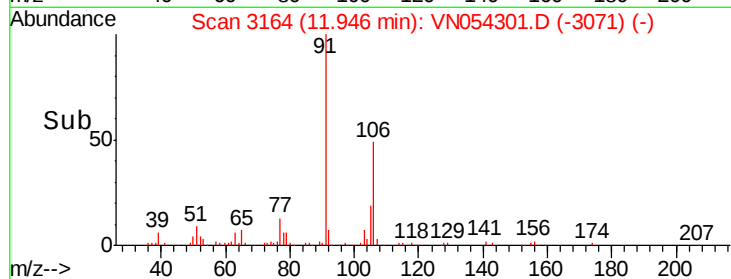
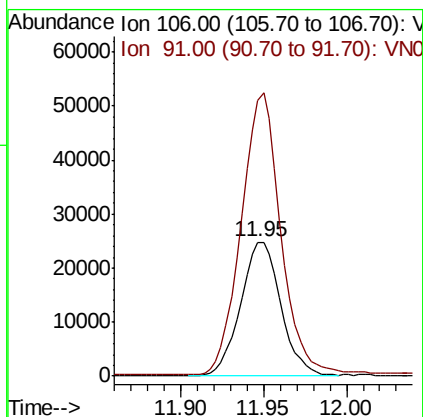
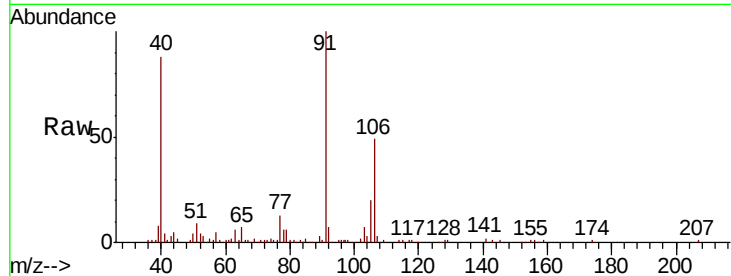




#69
o-Xylene
Concen: 1.191 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

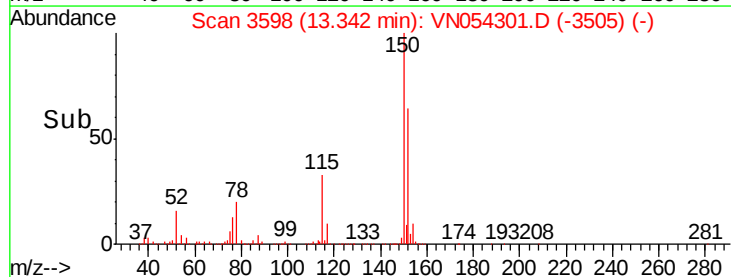
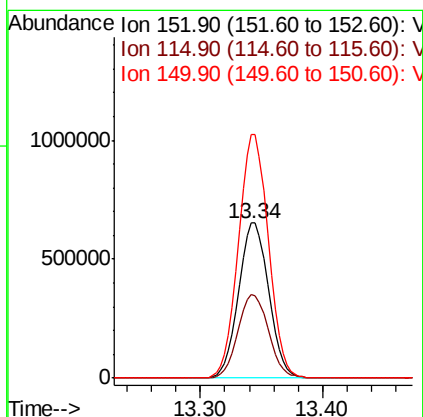
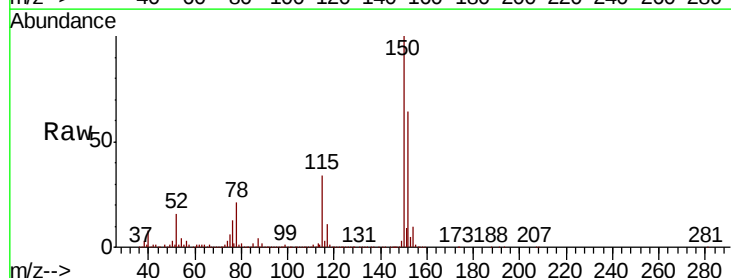
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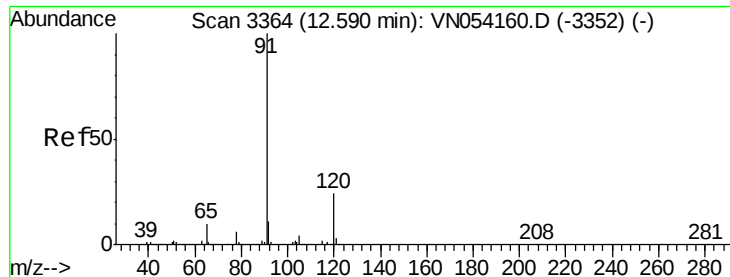
Tgt Ion:106 Resp: 42086
Ion Ratio Lower Upper
106 100
91 204.8 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Tgt Ion:152 Resp: 1110653
Ion Ratio Lower Upper
152 100
115 54.7 27.2 81.6
150 156.2 0.0 349.2





#78

n-propylbenzene

Concen: 0.468 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

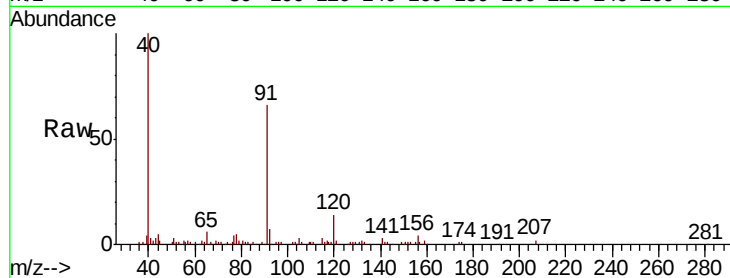
30303

Tgt Ion: 91 Resp: 45088

Ion Ratio Lower Upper

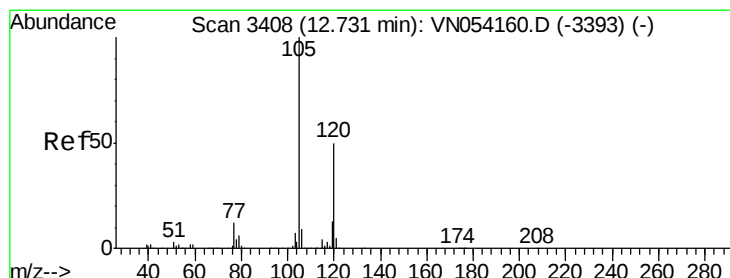
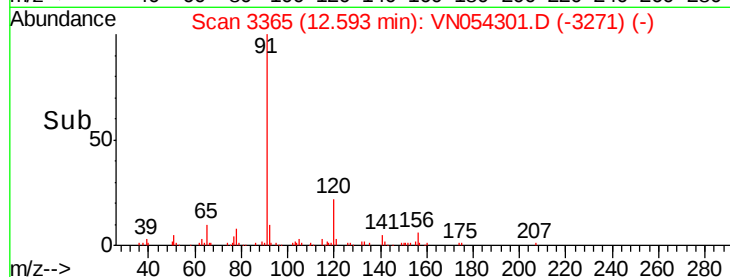
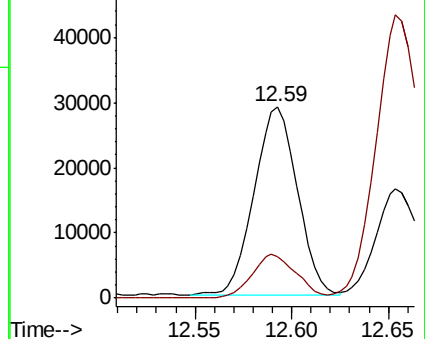
91 100

120 23.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN054301.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN054301.D (-3271) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.686 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054301.D

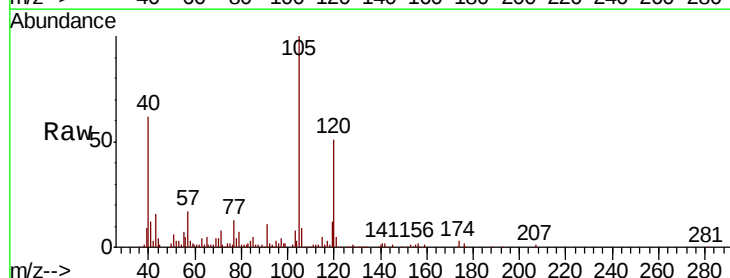
Acq: 15 Mar 2019 10:02

Tgt Ion: 105 Resp: 124598

Ion Ratio Lower Upper

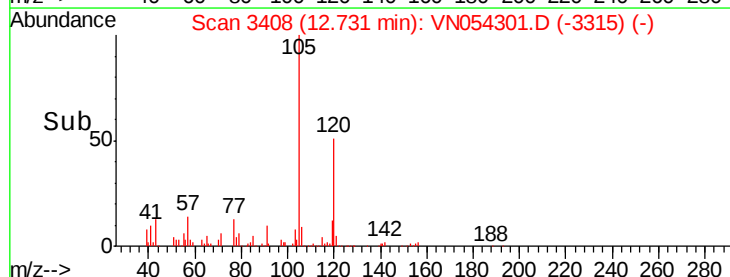
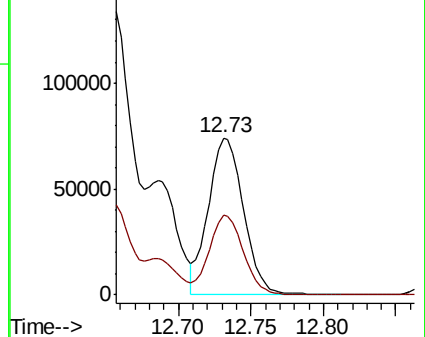
105 100

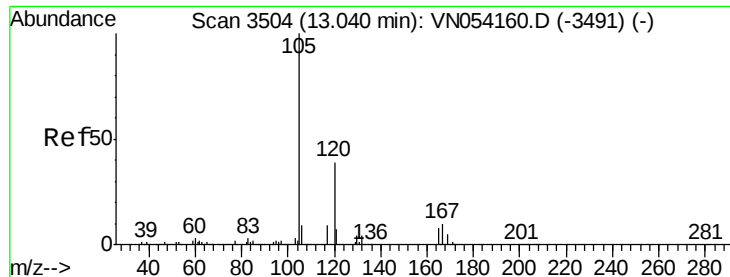
120 49.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054301.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN054301.D (-3315) (-)





#84

1,2,4-Trimethylbenzene

Concen: 6.811 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

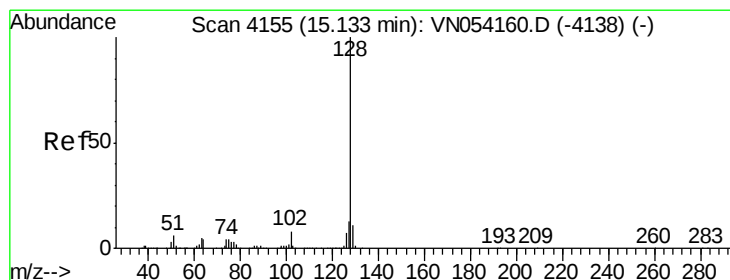
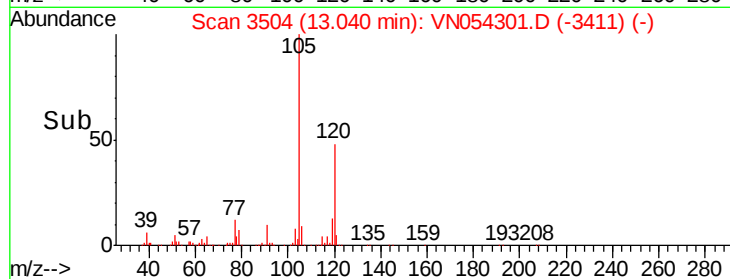
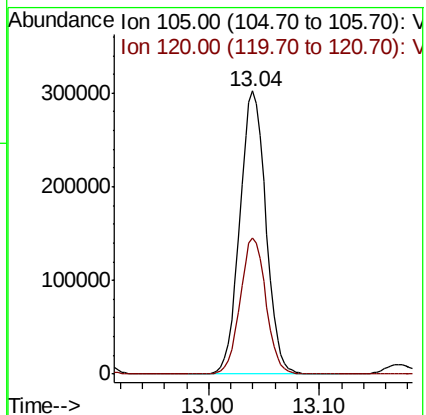
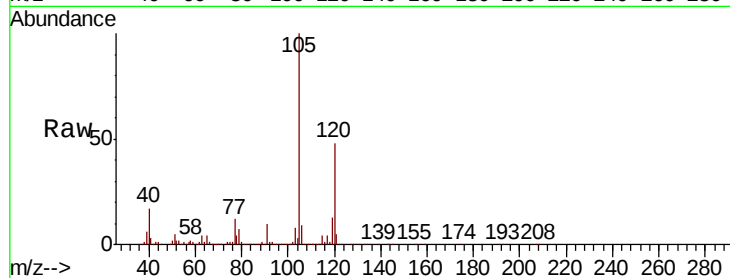
ClientSampleId :
30303

Tgt Ion:105 Resp: 493872

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.3



#95

Naphthalene

Concen: 5.416 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Tgt Ion:128 Resp: 101884

Ion Ratio Lower Upper

128 100

127 14.9 10.1 15.1

129 9.6 8.7 13.1

