

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059263.D
 Acq On : 15 Nov 2019 14:13
 Operator : JC/SP
 Sample : K5665-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-111419

Quant Time: Nov 16 00:59:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	473358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	731219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	654559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	259918	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	279265	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
35) Dibromofluoromethane	7.57	113	219571	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
50) Toluene-d8	10.08	98	894481	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.40	95	292021	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	

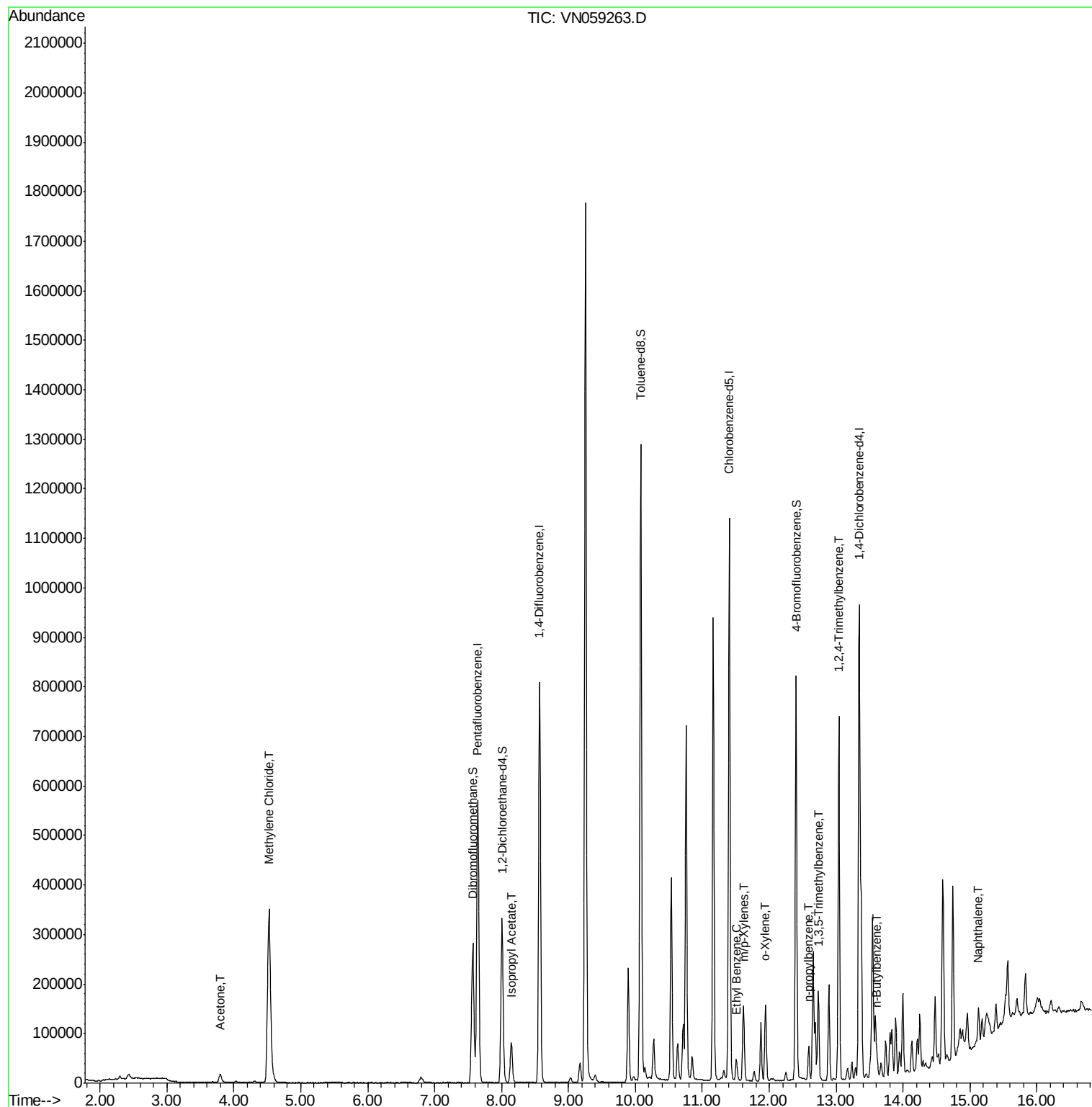
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	27414	9.060	ug/l	99
20) Methylene Chloride	4.53	84	281144	53.332	ug/l	99
43) Isopropyl Acetate	8.15	43	97078	8.009	ug/l #	91
67) Ethyl Benzene	11.51	91	31547	1.393	ug/l	96
68) m/p-Xylenes	11.61	106	47049	5.548	ug/l	100
69) o-Xylene	11.94	106	41668	5.084	ug/l	99
78) n-propylbenzene	12.59	91	57012	2.634	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	100936	6.300	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	411979	26.580	ug/l	99
89) n-Butylbenzene	13.62	91	20121	1.447	ug/l #	79
95) Naphthalene	15.13	128	58875	7.150	ug/l	97

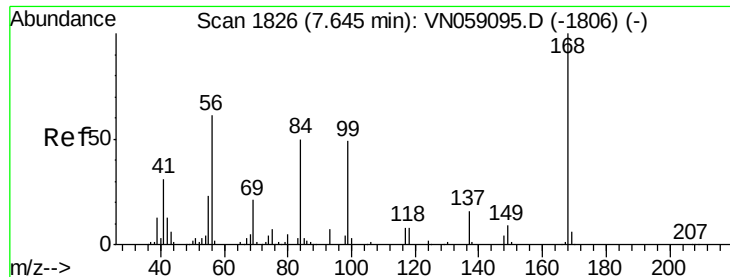
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111519\
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

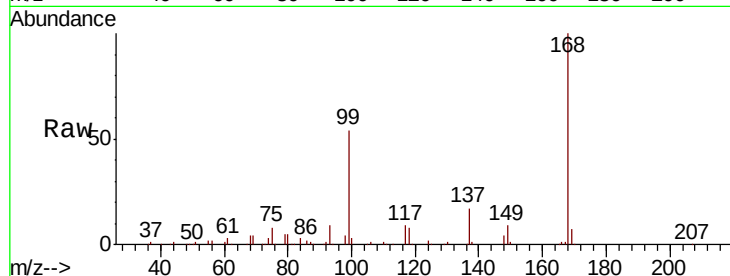
HR-05-111419

Tot Ion:168 Resp: 473358

Ion Ratio Lower Upper

168 100

99 54.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-1806) (-)

7.64

200000

150000

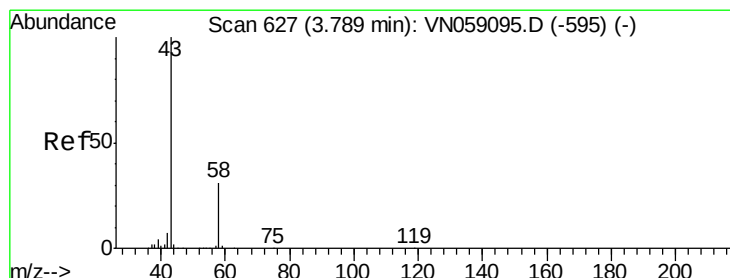
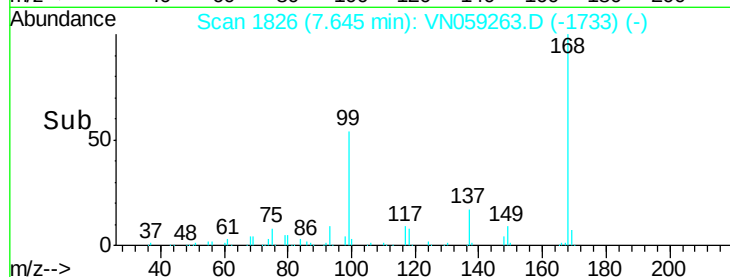
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 9.060 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059263.D

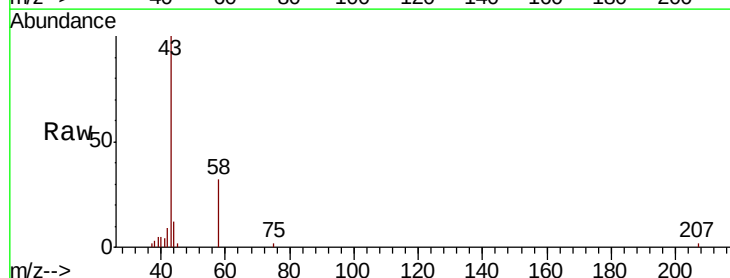
Acq: 15 Nov 2019 14:13

Tgt Ion: 43 Resp: 27414

Ion Ratio Lower Upper

43 100

58 31.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-595) (-)

3.80

12000

10000

8000

6000

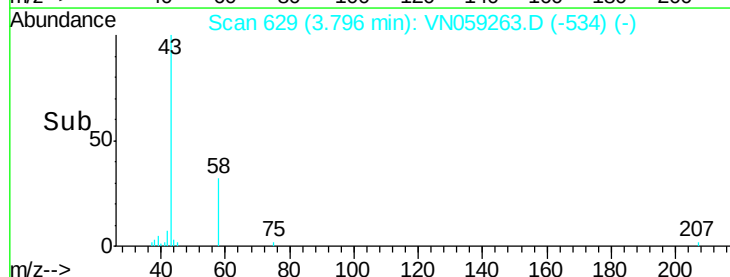
4000

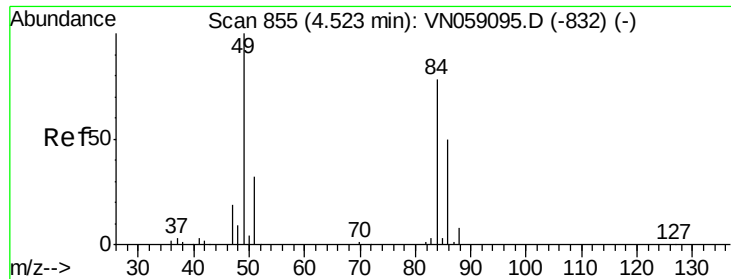
2000

0

3.70 3.80 3.90

Time-->

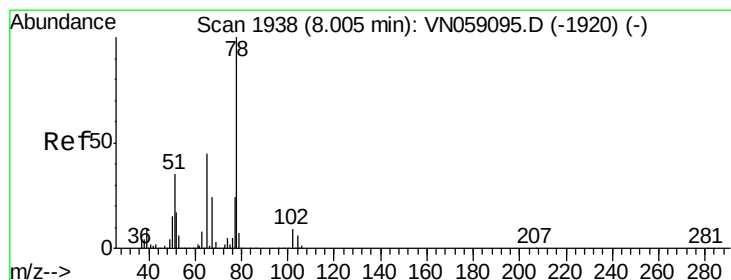
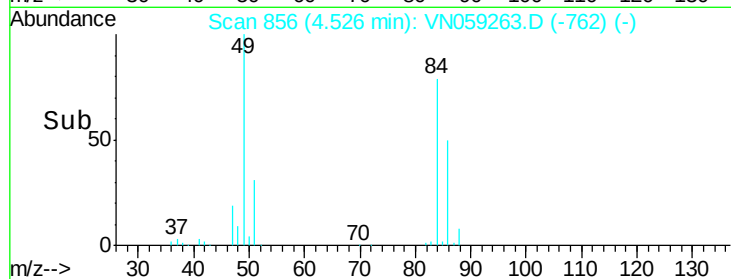
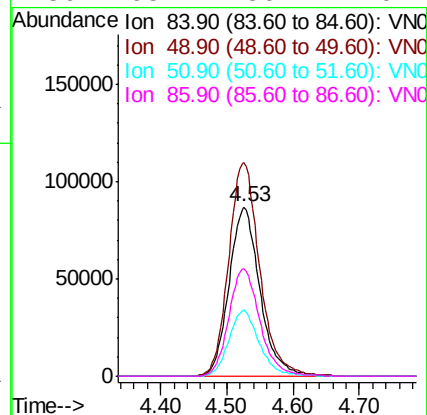
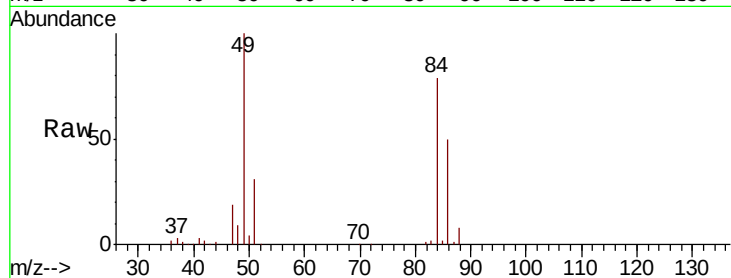




#20
Methylene Chloride
Concen: 53.332 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

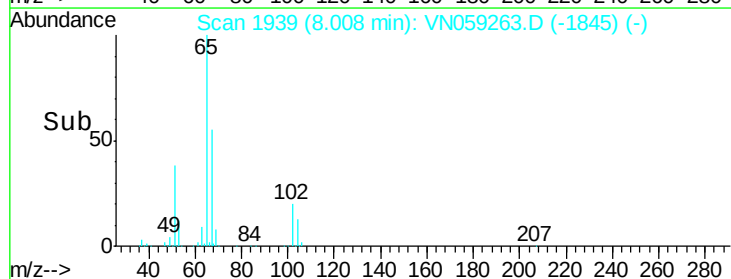
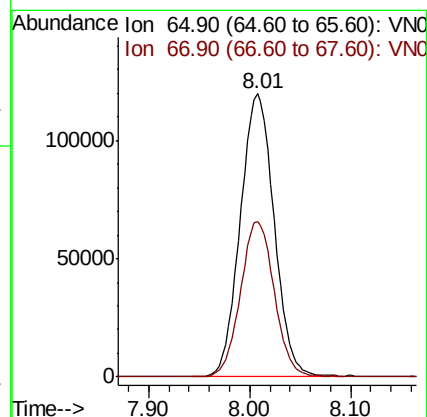
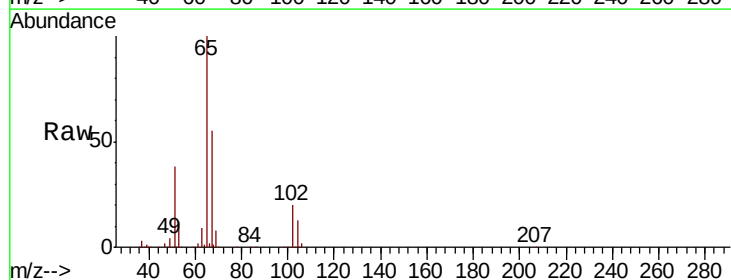
Instrument :
MSVOA_N
ClientSampleId :
HR-05-111419

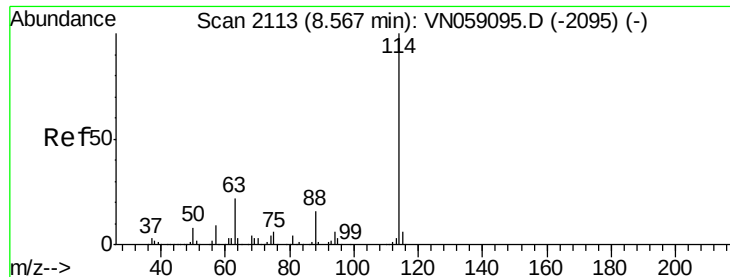
Tot Ion: 84 Resp: 281144
Ion Ratio Lower Upper
84 100
49 126.0 102.0 153.0
51 39.2 32.2 48.2
86 63.4 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 47.994 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion: 65 Resp: 279265
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.4

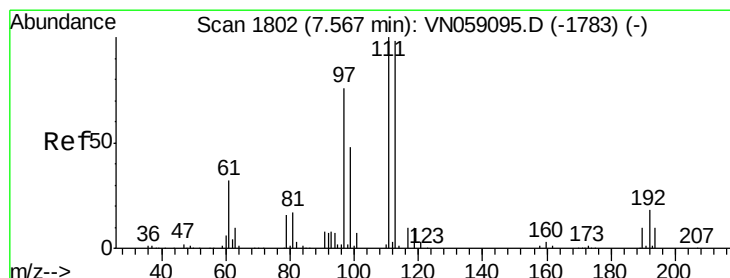
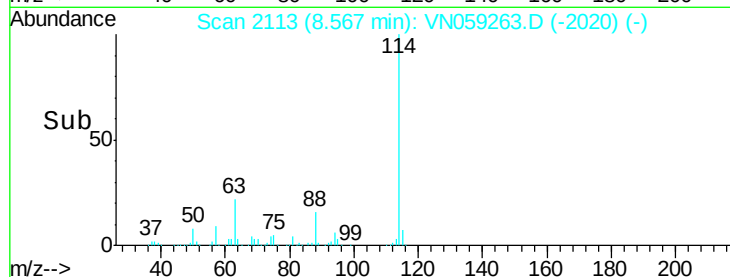
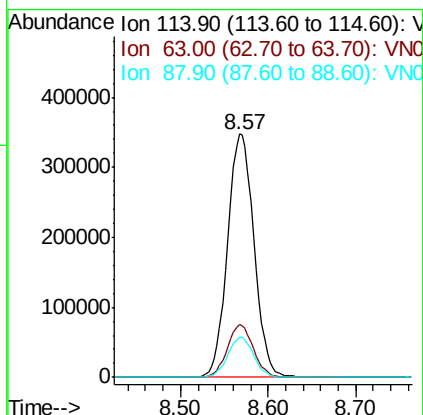
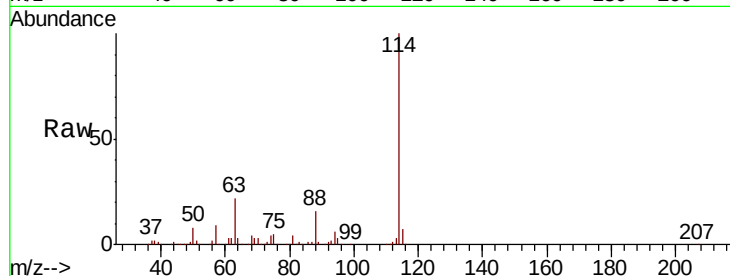




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

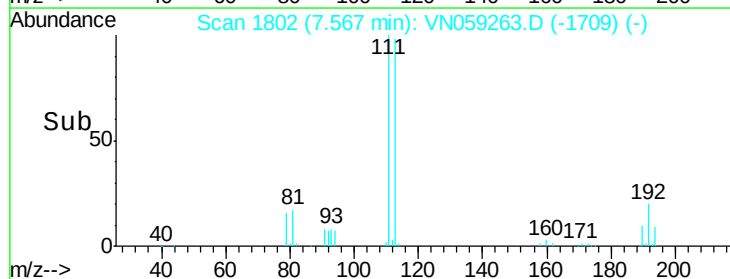
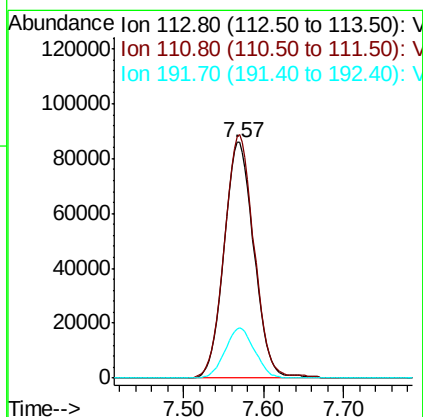
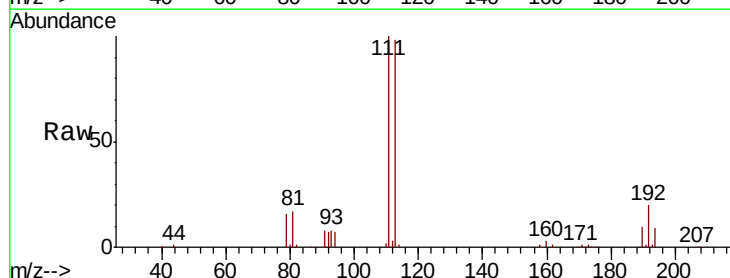
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-111419

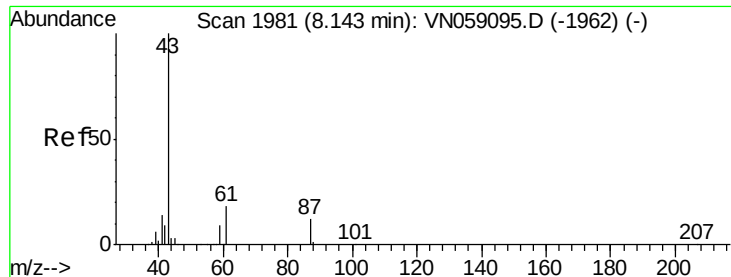
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.4
88	16.3	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 50.290 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059263.D
 Acq: 15 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	20.9	16.1	24.1





#43

Isopropyl Acetate

Concen: 8.009 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

HR-05-111419

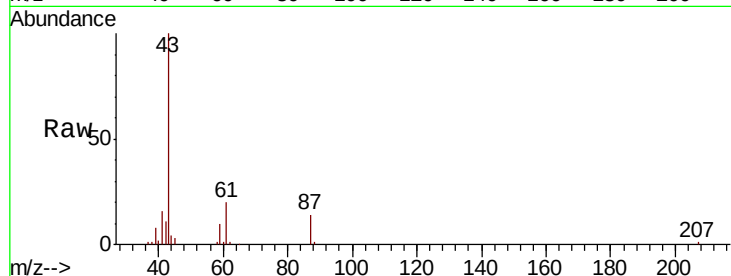
Tot Ion: 43 Resp: 97078

Ion Ratio Lower Upper

43 100

61 20.2 21.0 31.6#

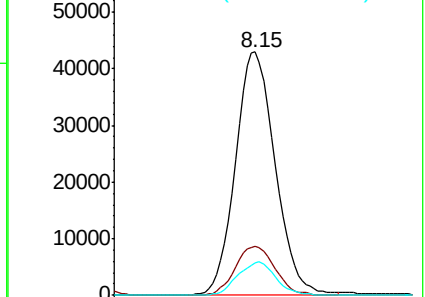
87 13.1 9.8 14.6



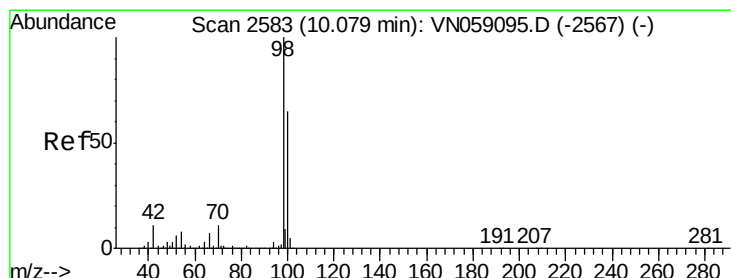
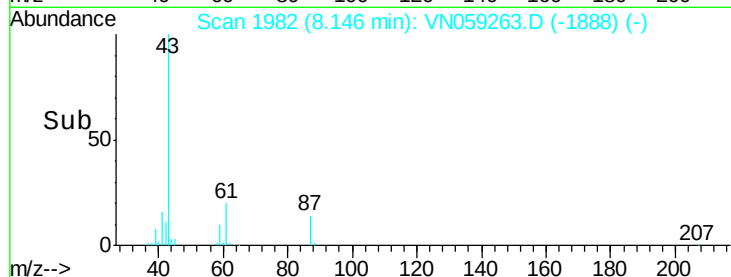
Abundance Ion 43.00 (42.70 to 43.70): VN059263.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059263.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059263.D (-1888) (-)



Time-->



#50

Toluene-d8

Concen: 52.012 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059263.D

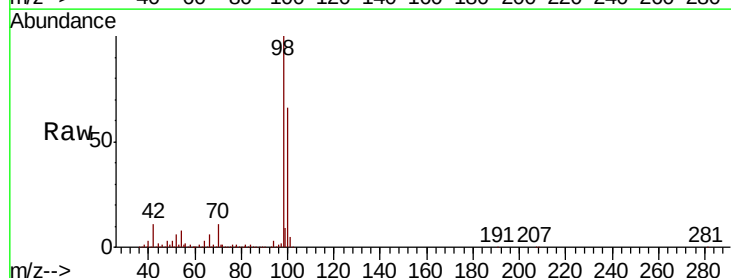
Acq: 15 Nov 2019 14:13

Tgt Ion: 98 Resp: 894481

Ion Ratio Lower Upper

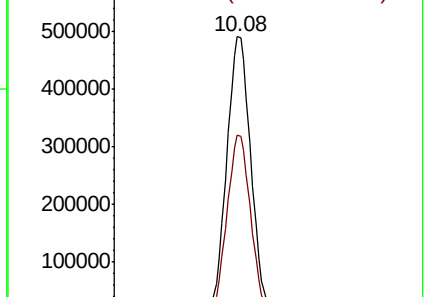
98 100

100 64.8 52.2 78.2

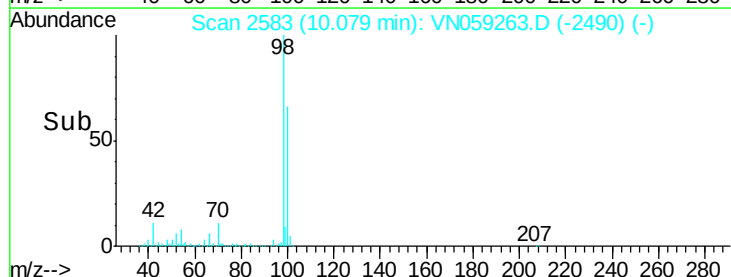


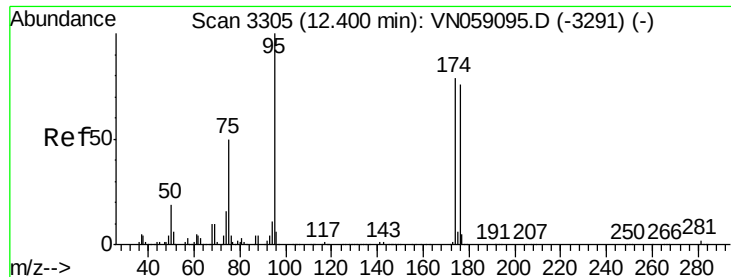
Abundance Ion 98.00 (97.70 to 98.70): VN059263.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059263.D (-2490) (-)



Time-->

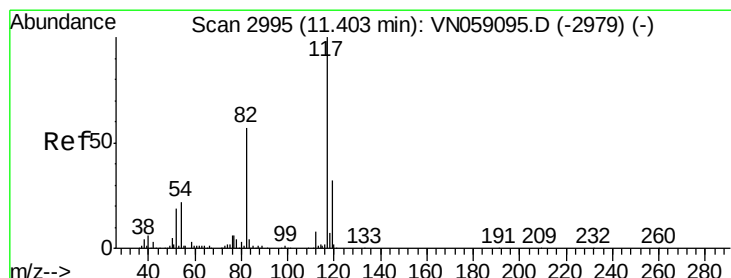
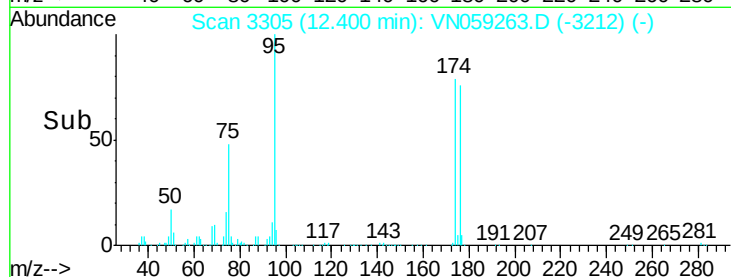
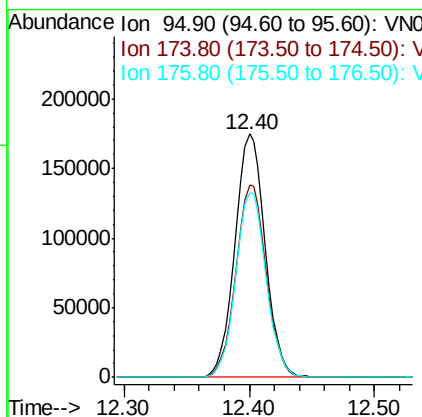
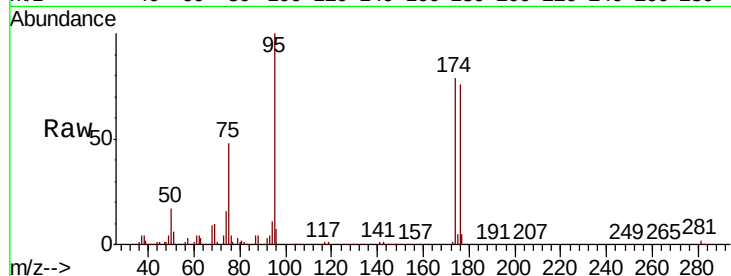




#62
4-Bromofluorobenzene
Concen: 47.094 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

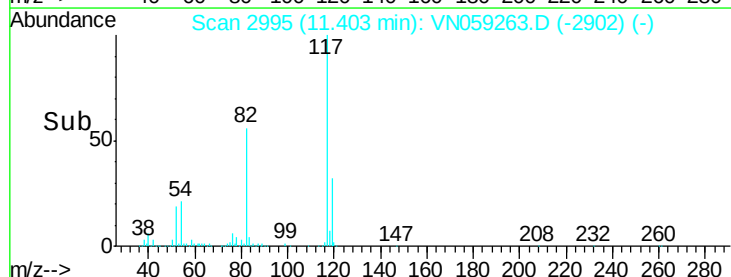
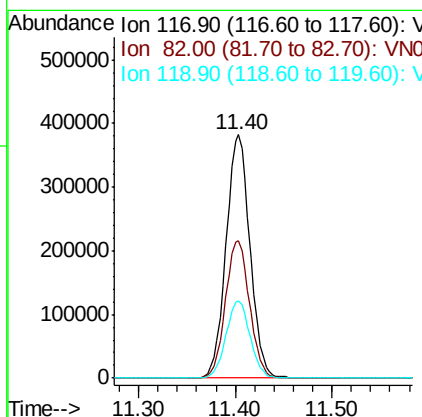
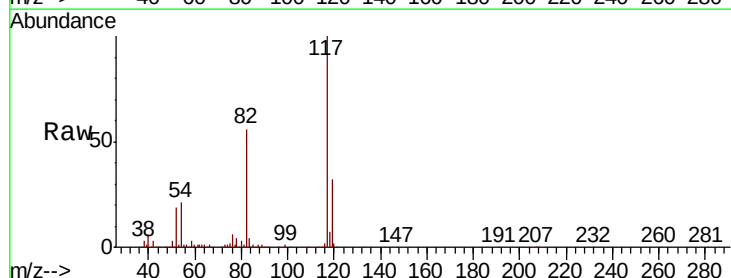
Instrument :
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HR-05-111419

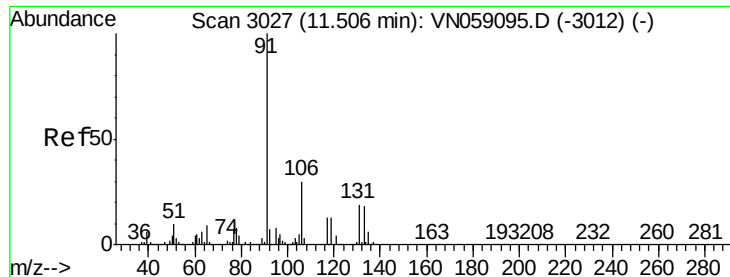
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	158.2
176	76.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.8	68.8
119	31.9	25.8	38.6

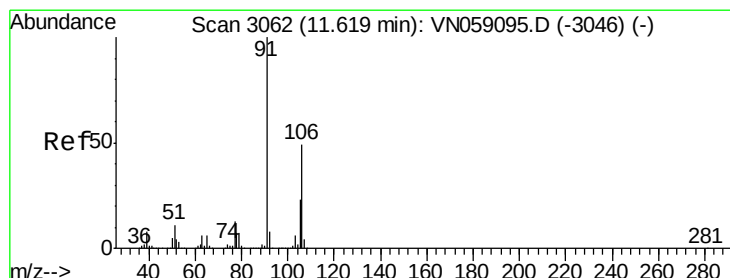
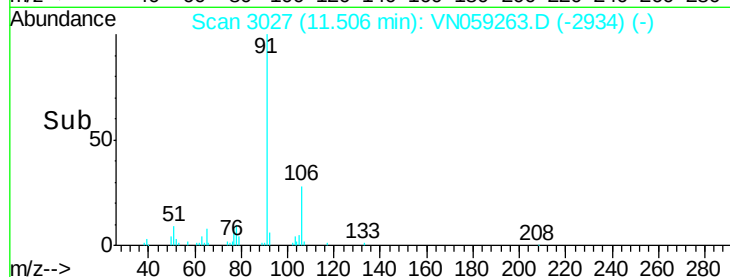
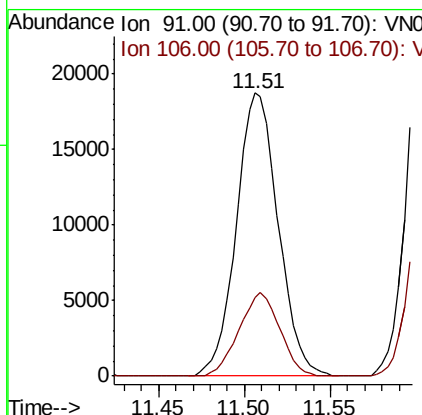
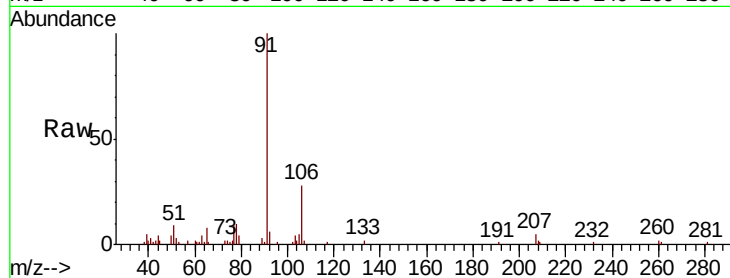




#67
Ethyl Benzene
Concen: 1.393 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

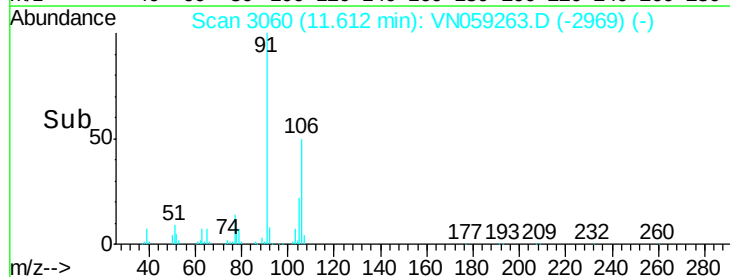
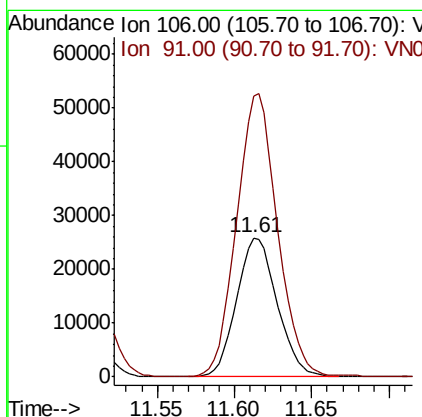
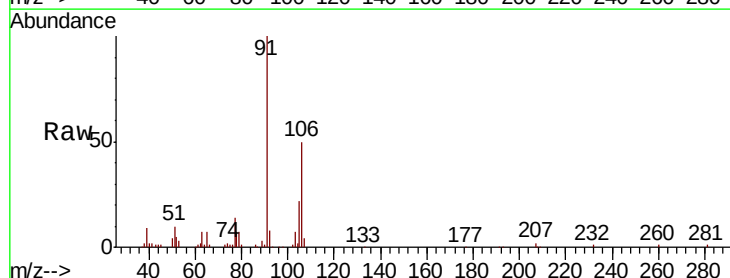
Instrument :
MSVOA_N
ClientSampleId :
HR-05-111419

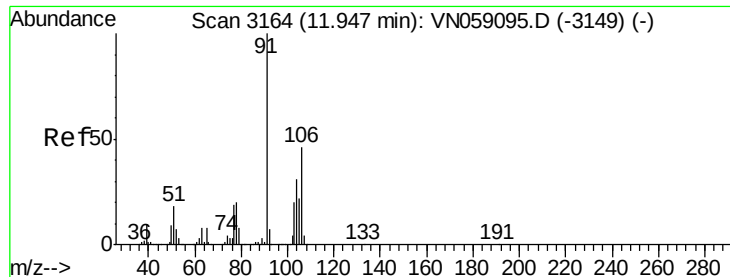
Tot Ion: 91 Resp: 31547
Ion Ratio Lower Upper
91 100
106 27.9 24.1 36.1



#68
m/p-Xylenes
Concen: 5.548 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059263.D
Acq: 15 Nov 2019 14:13

Tgt Ion: 106 Resp: 47049
Ion Ratio Lower Upper
106 100
91 206.2 164.7 247.1





#69

o-Xylene

Concen: 5.084 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

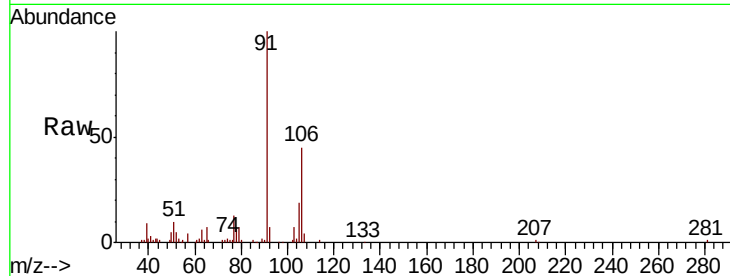
HR-05-111419

Tot Ion:106 Resp: 41668

Ion Ratio Lower Upper

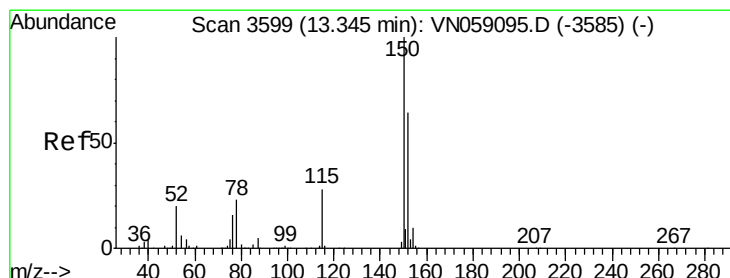
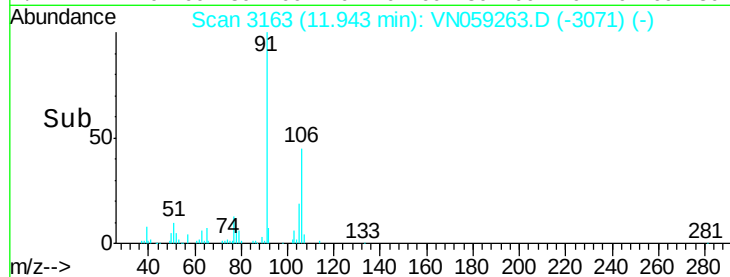
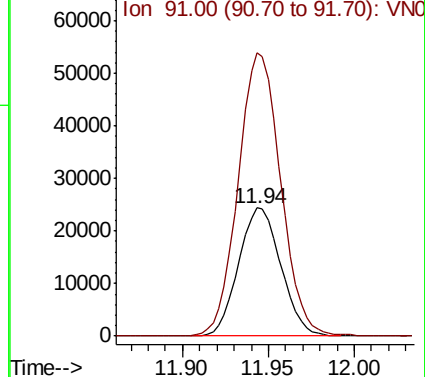
106 100

91 221.7 110.1 330.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

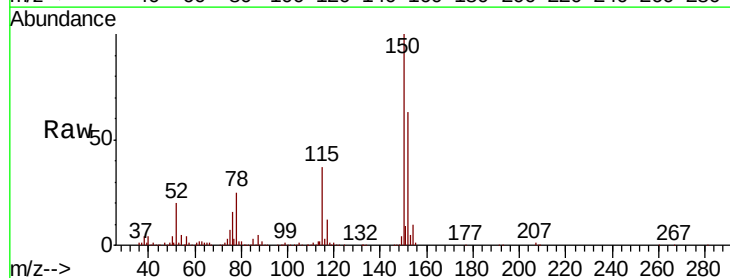
Tgt Ion:152 Resp: 259918

Ion Ratio Lower Upper

152 100

115 62.3 29.4 88.2

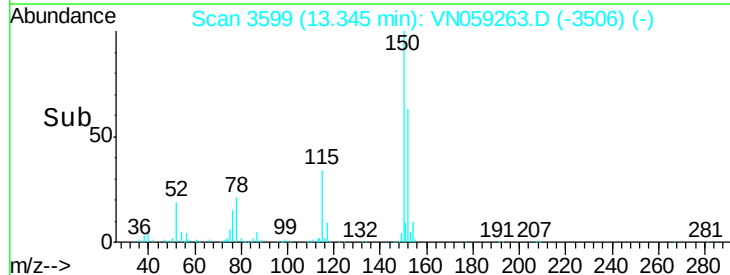
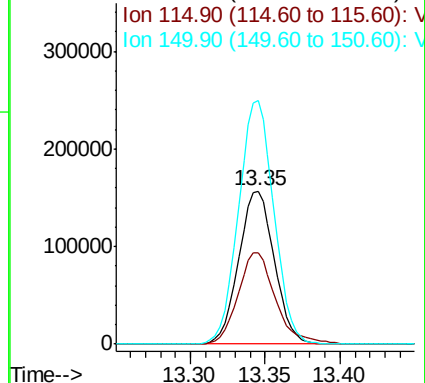
150 158.2 0.0 345.8

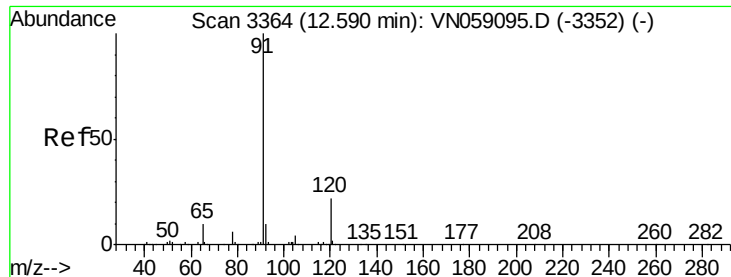


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 2.634 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

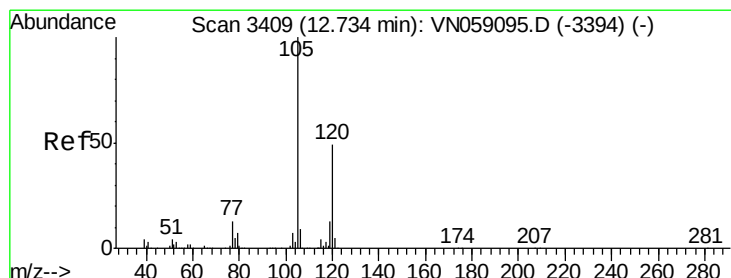
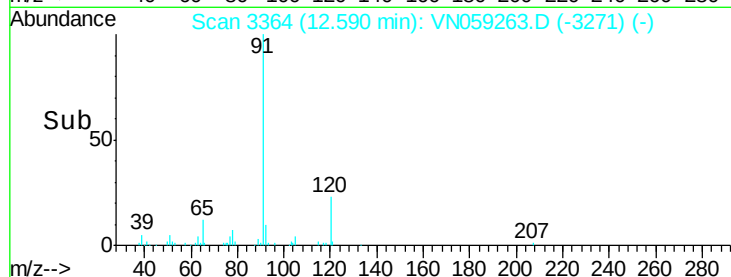
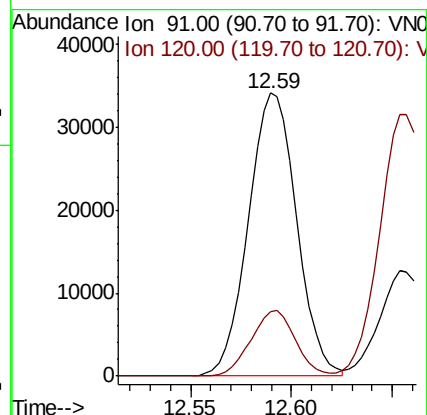
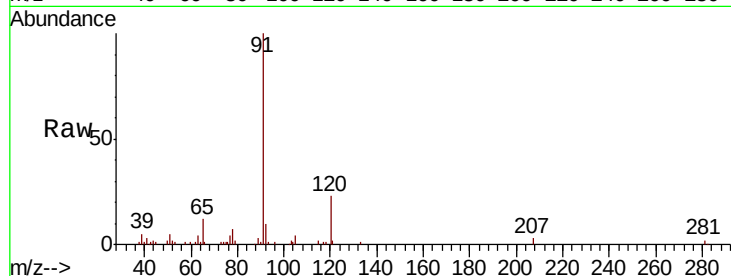
HR-05-111419

Tot Ion: 91 Resp: 57012

Ion Ratio Lower Upper

91 100

120 21.4 11.2 33.5



#80

1,3,5-Trimethylbenzene

Concen: 6.300 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059263.D

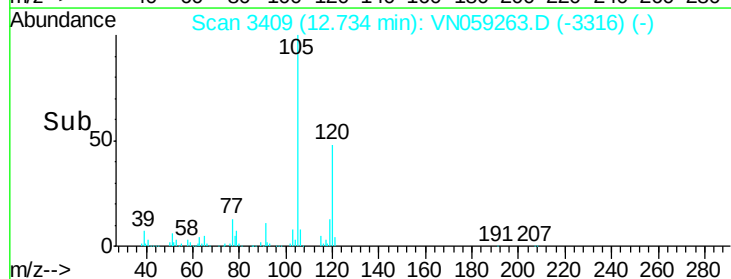
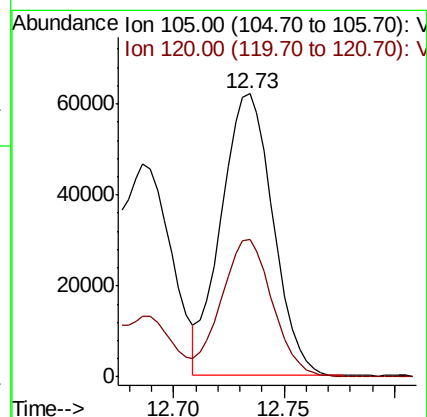
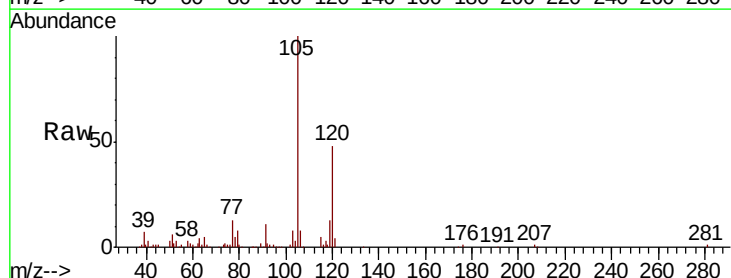
Acq: 15 Nov 2019 14:13

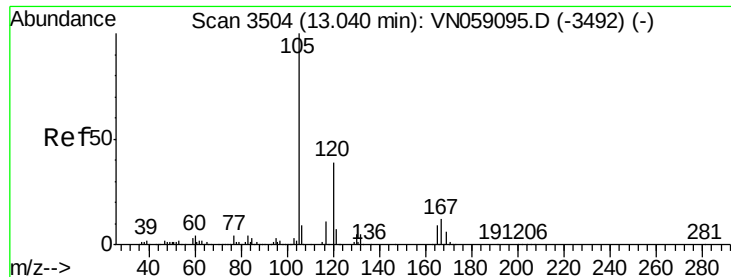
Tgt Ion: 105 Resp: 100936

Ion Ratio Lower Upper

105 100

120 47.4 24.0 72.0





#84

1,2,4-Trimethylbenzene

Concen: 26.580 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

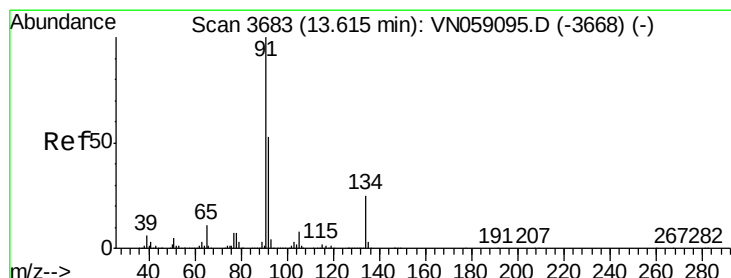
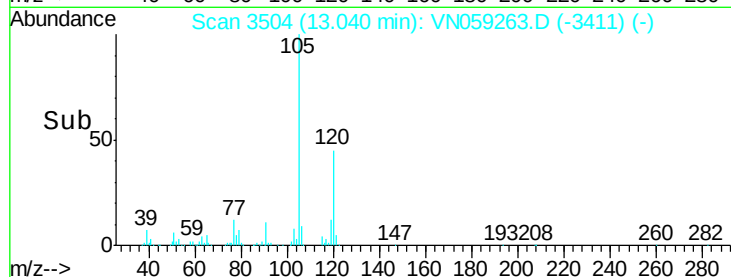
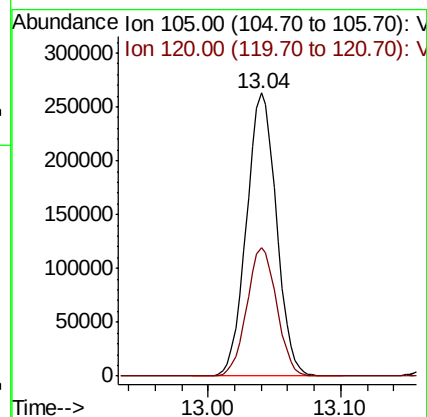
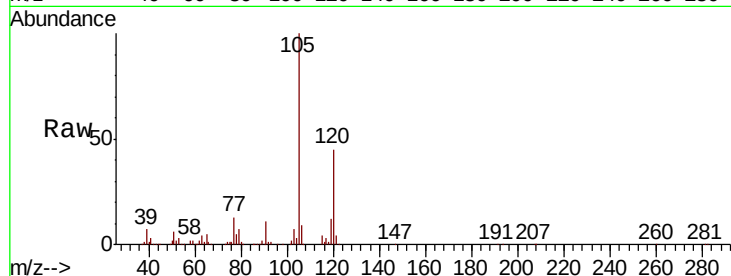
HR-05-111419

Tot Ion:105 Resp: 411979

Ion Ratio Lower Upper

105 100

120 45.3 22.8 68.4



#89

n-Butylbenzene

Concen: 1.447 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

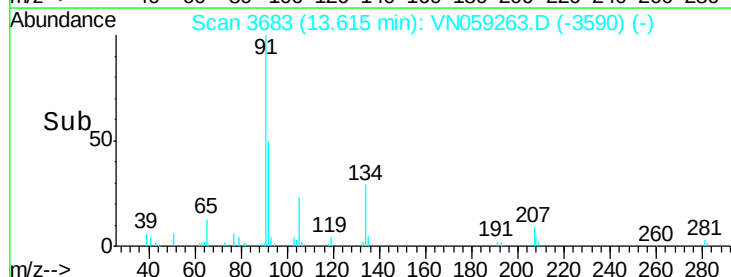
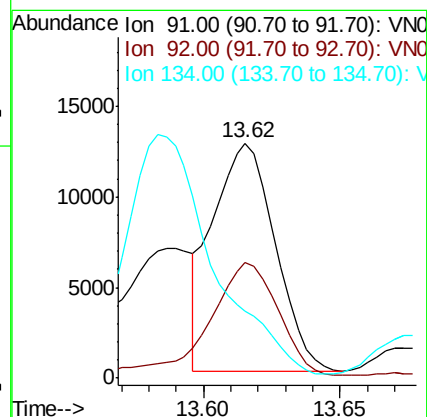
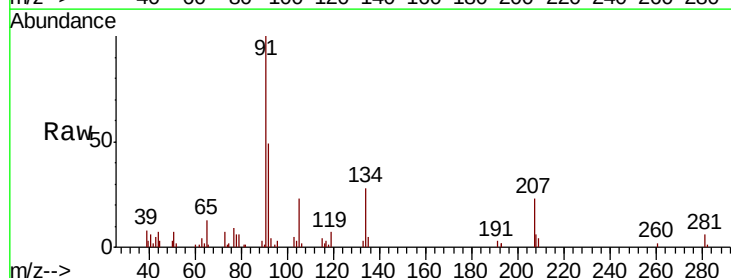
Tgt Ion: 91 Resp: 20121

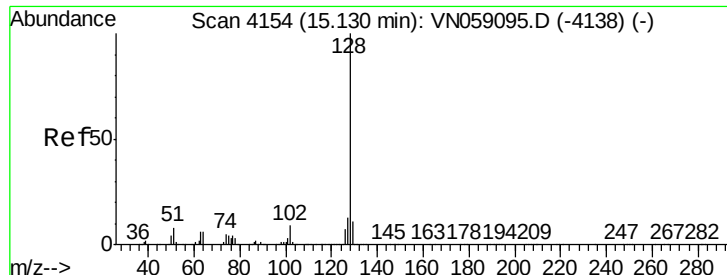
Ion Ratio Lower Upper

91 100

92 57.4 26.1 78.3

134 0.0 12.6 37.8#





#95

Naphthalene

Concen: 7.150 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059263.D

Acq: 15 Nov 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

HR-05-111419

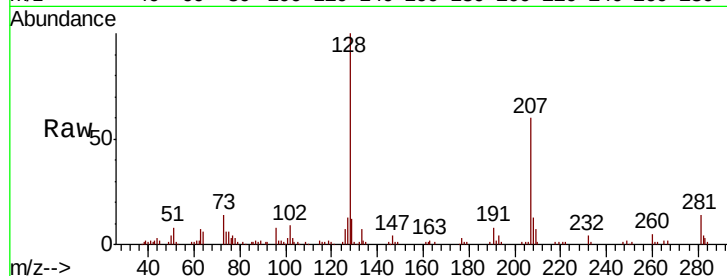
Tot Ion:128 Resp: 58875

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 12.5 8.6 12.8



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

