

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059214.D
 Acq On : 13 Nov 2019 17:05
 Operator : JC/SP
 Sample : K5814-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30557

Quant Time: Nov 14 07:29:36 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

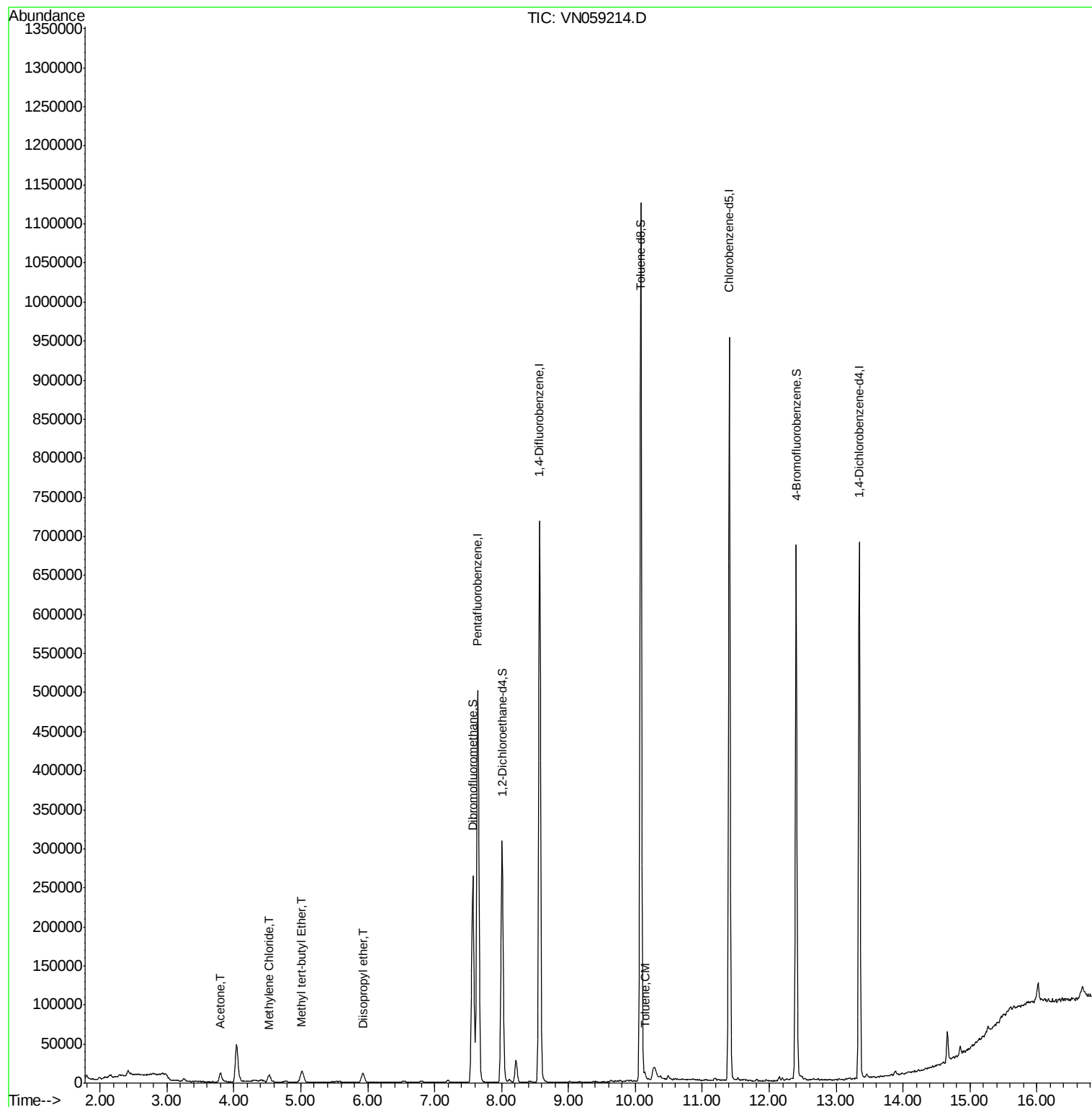
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	411185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	643581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	549880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	266176	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	7.57	113	202173	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
50) Toluene-d8	10.08	98	780241	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.40	95	240444	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds						
16) Acetone	3.80	43	21357	8.125	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	24826	1.880	ug/l	99
20) Methylene Chloride	4.53	84	7949	1.736	ug/l	98
22) Diisopropyl ether	5.92	45	15747	1.058	ug/l	94
52) Toluene	10.14	92	2885	0.266	ug/l	86

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059214.D

Acq: 13 Nov 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

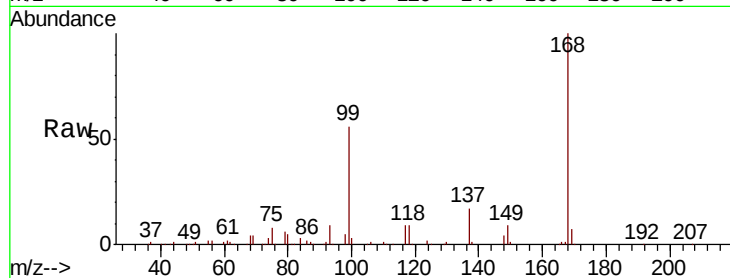
30557

Tot Ion:168 Resp: 411185

Ion Ratio Lower Upper

168 100

99 56.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059214.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059214.D (-1733) (-)

7.64

150000

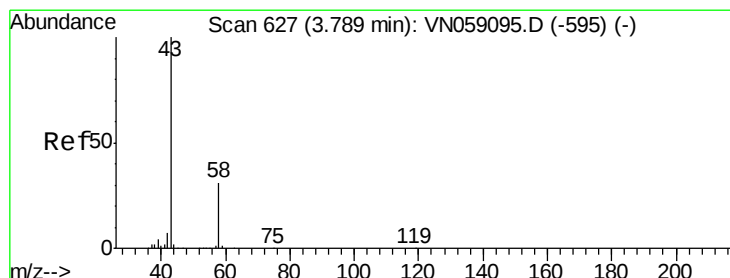
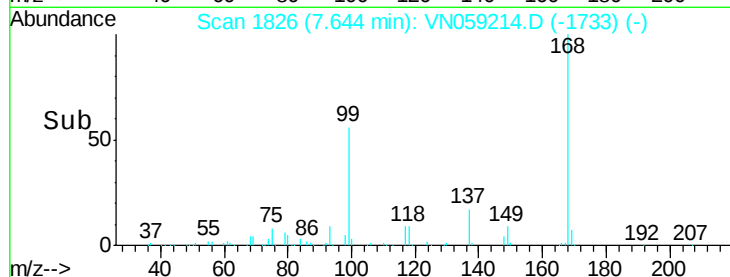
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 8.125 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059214.D

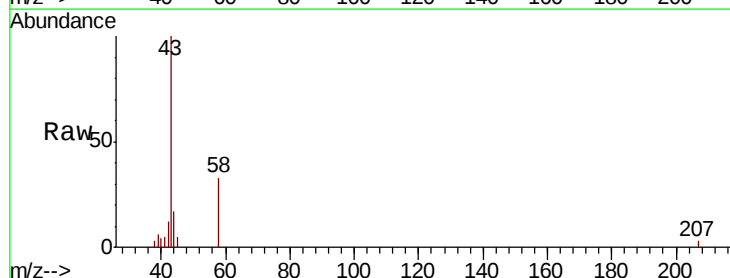
Acq: 13 Nov 2019 17:05

Tgt Ion: 43 Resp: 21357

Ion Ratio Lower Upper

43 100

58 33.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059214.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059214.D (-534) (-)

3.80

8000

6000

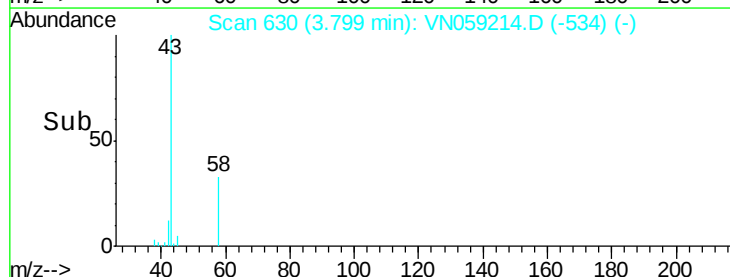
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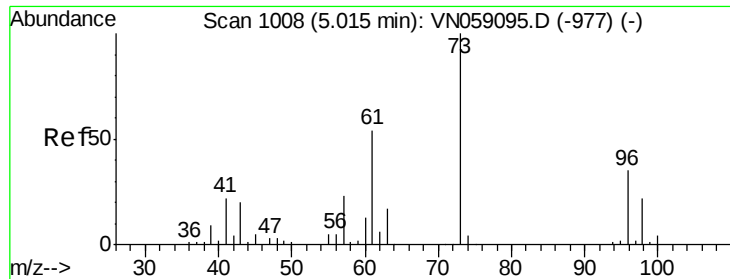
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0

3.70 3.80 3.90

Time-->

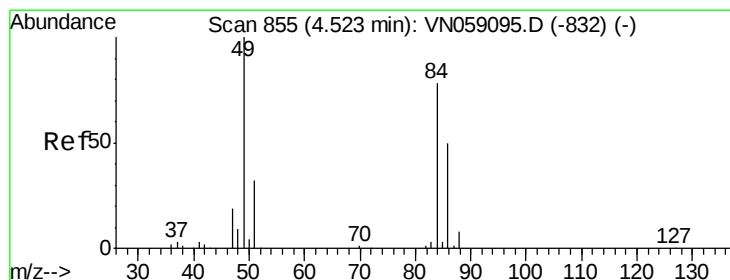
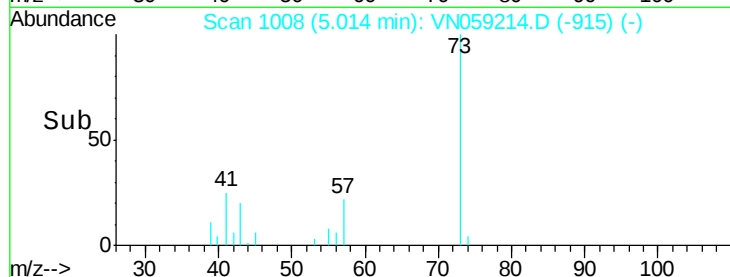
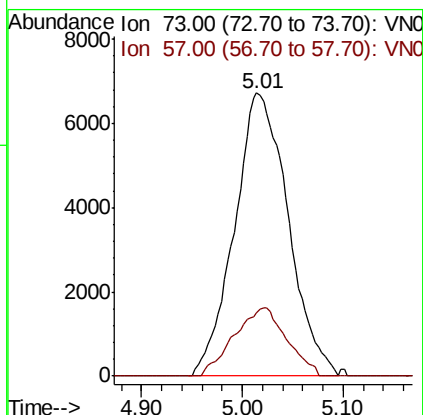
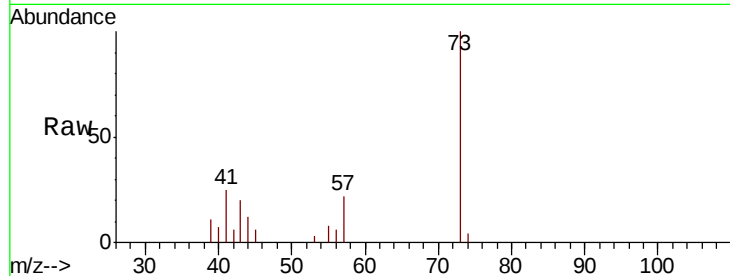




#19
Methyl tert-butyl Ether
Concen: 1.880 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059214.D
Acq: 13 Nov 2019 17:05

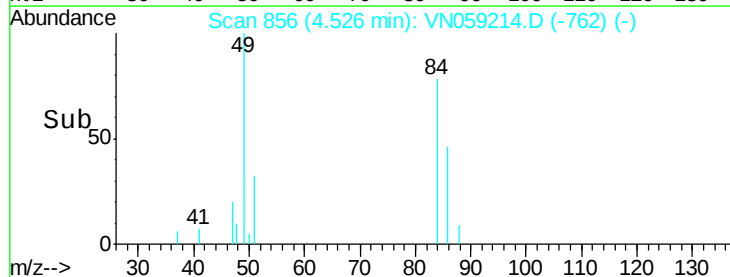
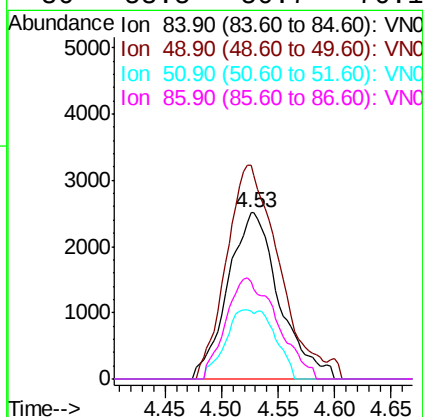
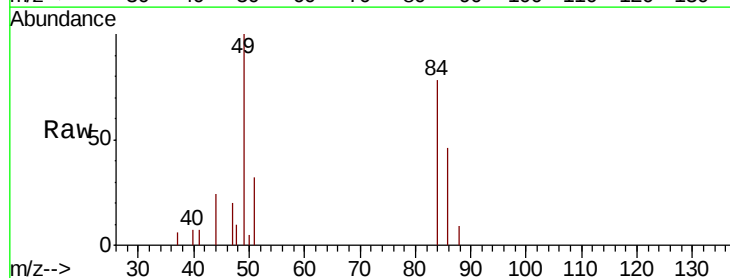
Instrument :
MSVOA_N
ClientSampleId :
30557

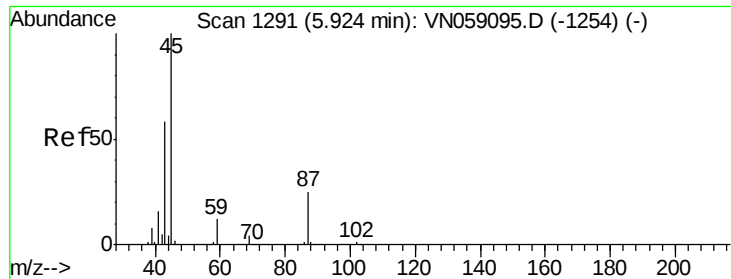
Tot Ion: 73 Resp: 24826
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6



#20
Methylene Chloride
Concen: 1.736 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059214.D
Acq: 13 Nov 2019 17:05

Tgt Ion: 84 Resp: 7949
Ion Ratio Lower Upper
84 100
49 128.2 102.0 153.0
51 40.4 32.2 48.2
86 58.5 50.7 76.1

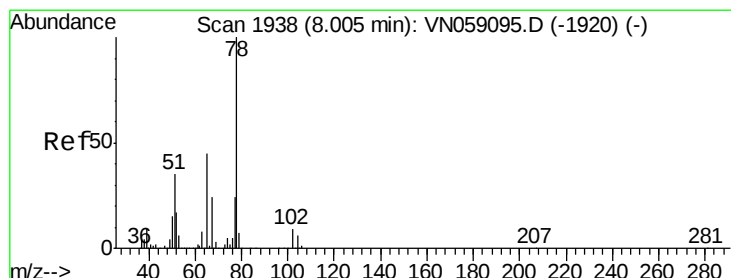
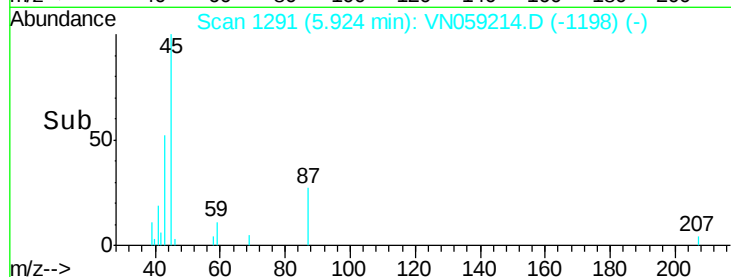
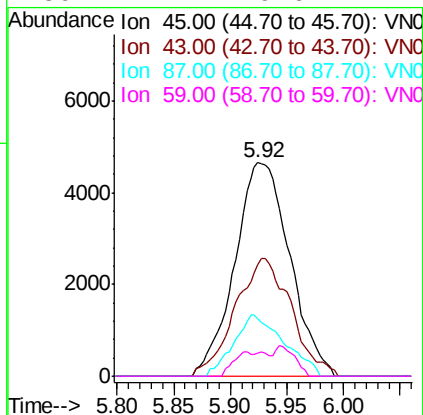
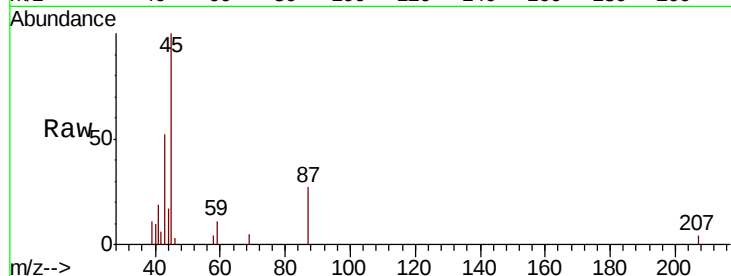




#22
 Diisopropyl ether
 Concen: 1.058 ug/l
 RT: 5.92 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VN059214.D
 Acq: 13 Nov 2019 17:05

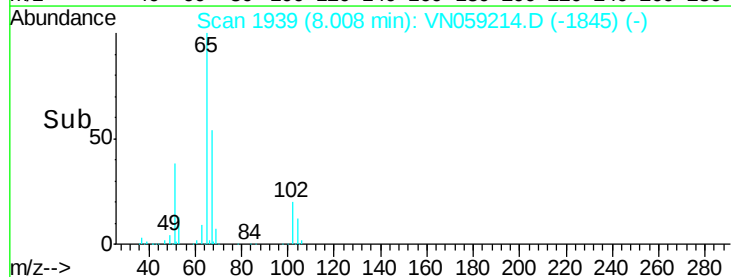
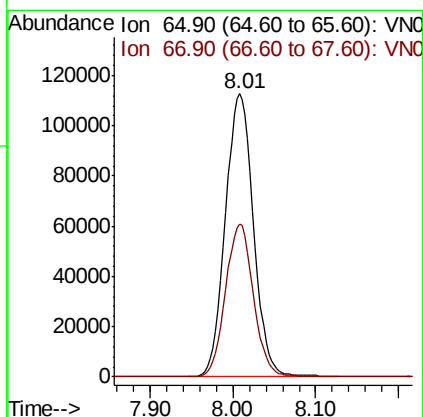
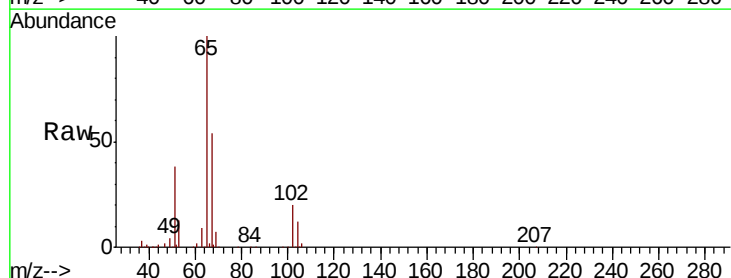
Instrument :
 MSVOA_N
 ClientSampleId :
 30557

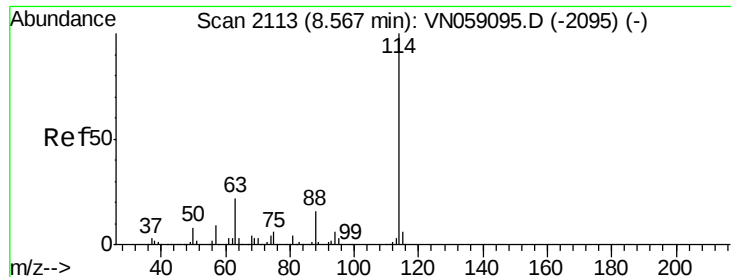
Tot Ion:	45	Resp:	15747
Ion	Ratio	Lower	Upper
45	100		
43	52.3	46.7	70.1
87	26.9	20.5	30.7
59	11.1	9.6	14.4



#33
 1,2-Dichloroethane-d4
 Concen: 52.661 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059214.D
 Acq: 13 Nov 2019 17:05

Tgt Ion:	65	Resp:	266176
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.4

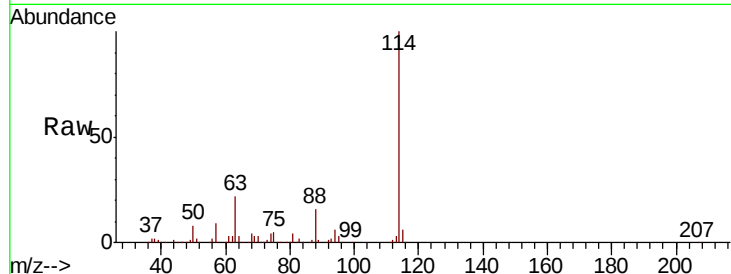




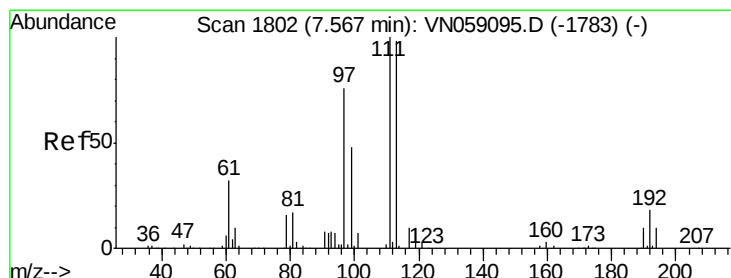
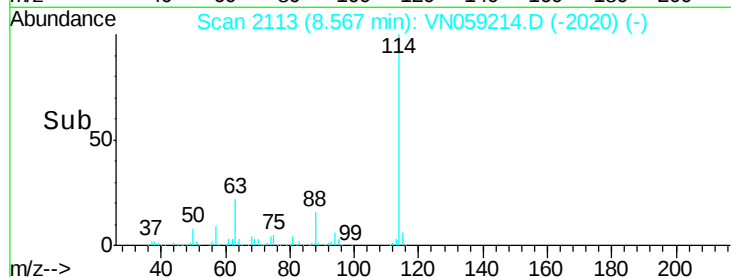
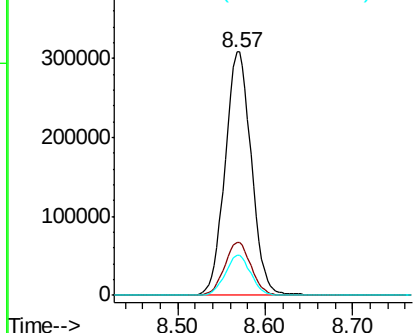
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059214.D
 Acq: 13 Nov 2019 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 30557

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.4
88	16.4	0.0	32.2

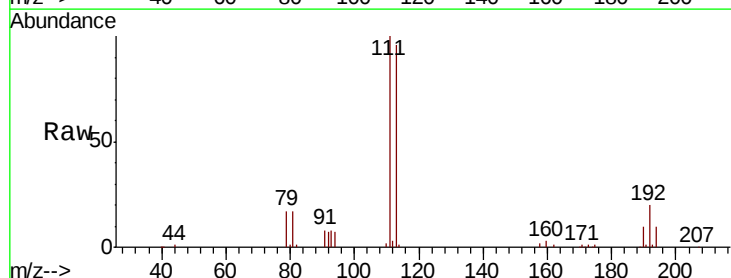


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

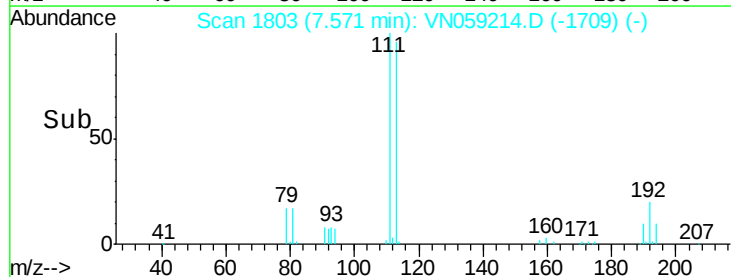
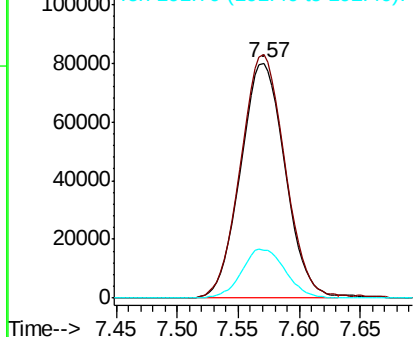


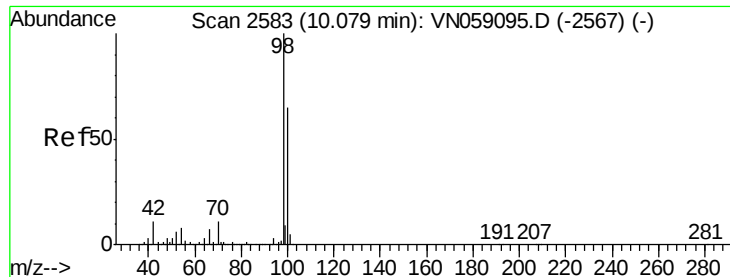
#35
 Dibromofluoromethane
 Concen: 52.611 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059214.D
 Acq: 13 Nov 2019 17:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	20.6	16.1	24.1



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: 51.547 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059214.D

Acq: 13 Nov 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

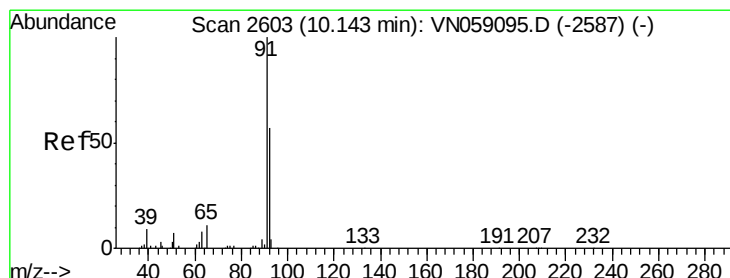
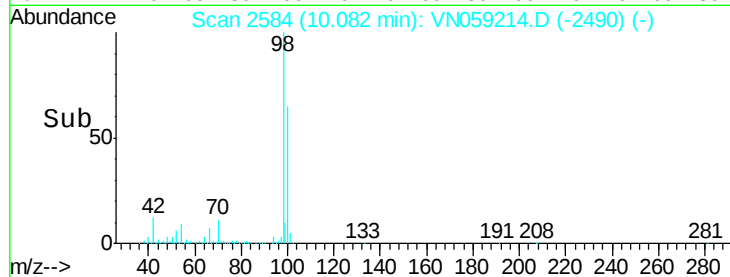
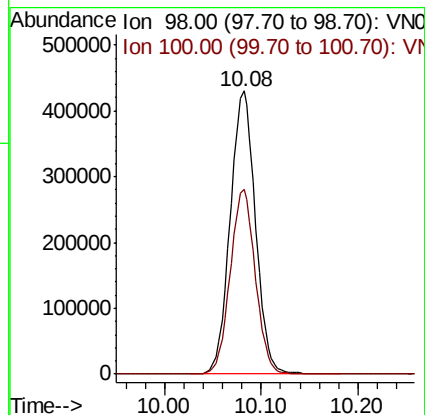
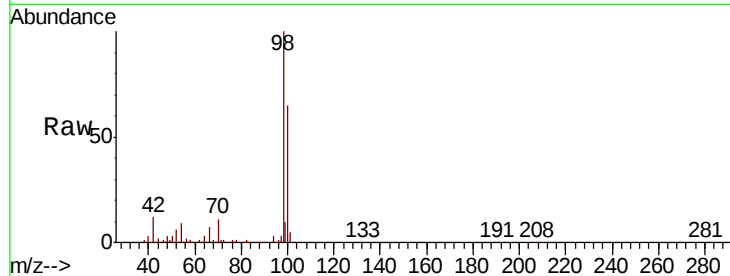
30557

Tot Ion: 98 Resp: 780241

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#52

Toluene

Concen: 0.266 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059214.D

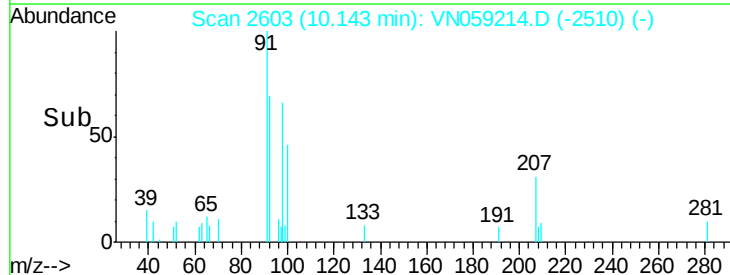
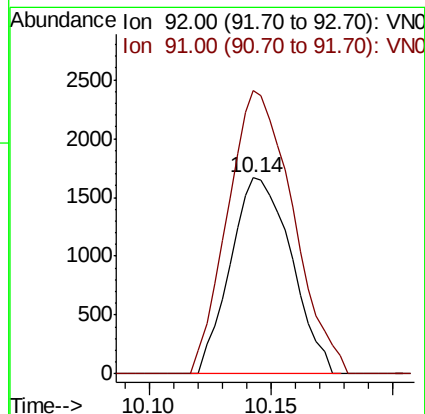
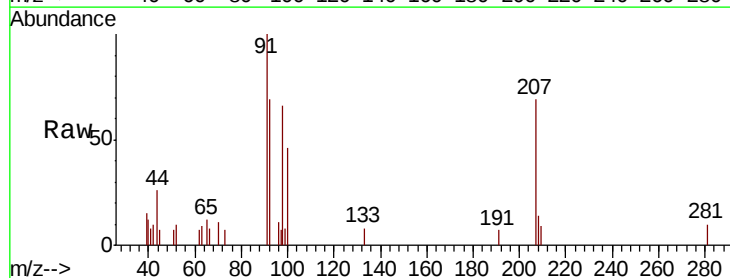
Acq: 13 Nov 2019 17:05

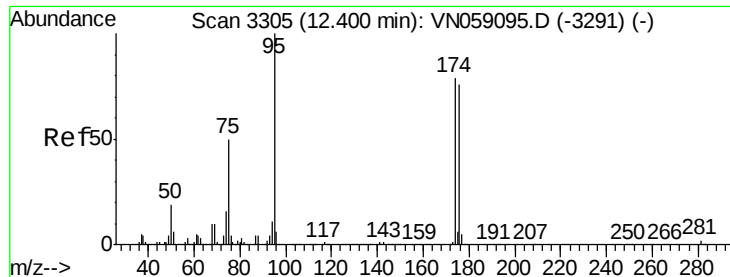
Tgt Ion: 92 Resp: 2885

Ion Ratio Lower Upper

92 100

91 154.9 139.5 209.3

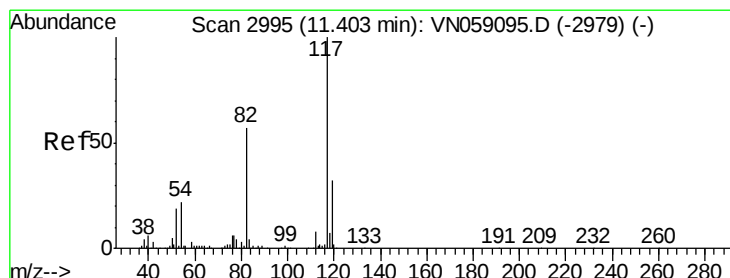
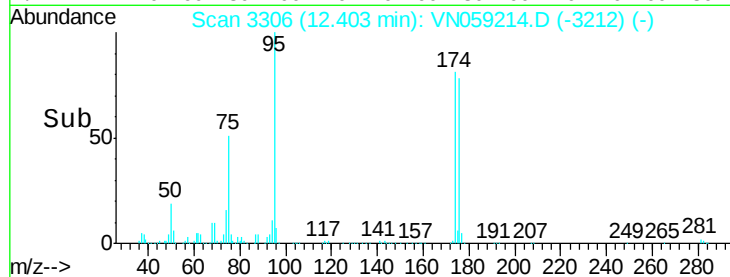
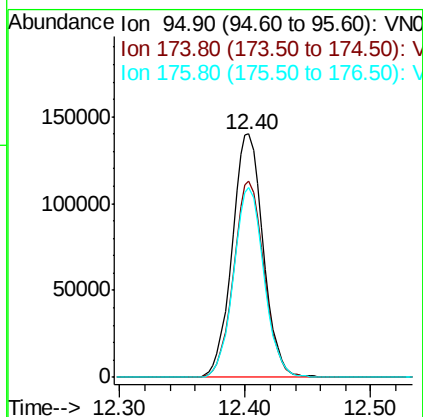
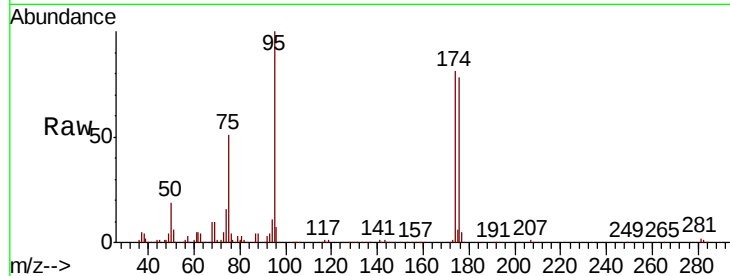




#62
4-Bromofluorobenzene
Concen: 44.056 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059214.D
Acq: 13 Nov 2019 17:05

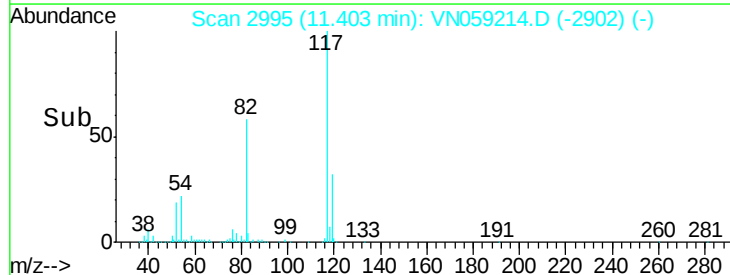
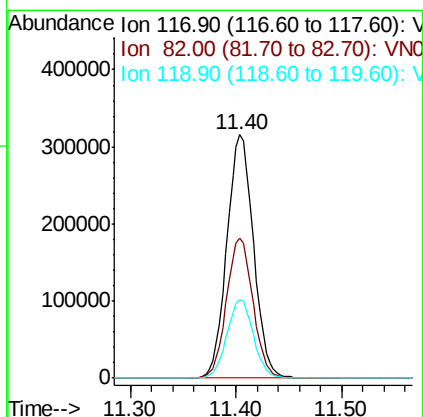
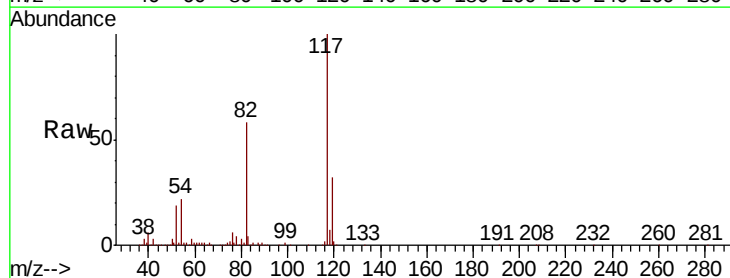
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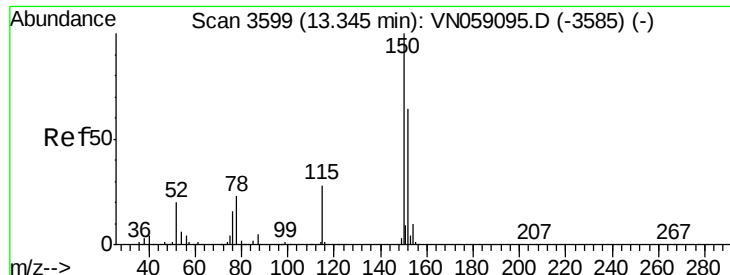
Tot Ion: 95 Resp: 240444
Ion Ratio Lower Upper
95 100
174 79.3 0.0 158.2
176 76.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059214.D
Acq: 13 Nov 2019 17:05

Tgt Ion: 117 Resp: 549880
Ion Ratio Lower Upper
117 100
82 57.7 45.8 68.8
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059214.D

Acq: 13 Nov 2019 17:05

Instrument :

MSVOA_N

ClientSampleId :

30557

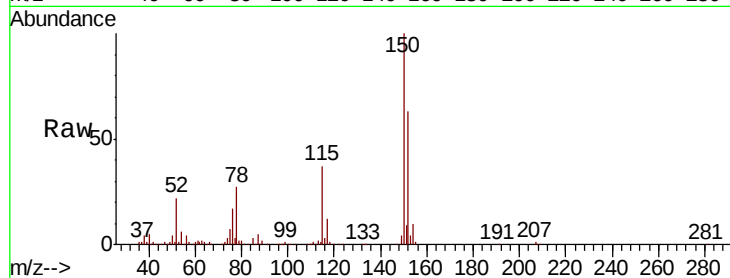
Tot Ion:152 Resp: 187276

Ion Ratio Lower Upper

152 100

115 59.2 29.4 88.2

150 159.5 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

