

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059121.D
 Acq On : 7 Nov 2019 14:48
 Operator : JC/SP
 Sample : K5675-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-110619

Quant Time: Nov 08 02:56:43 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

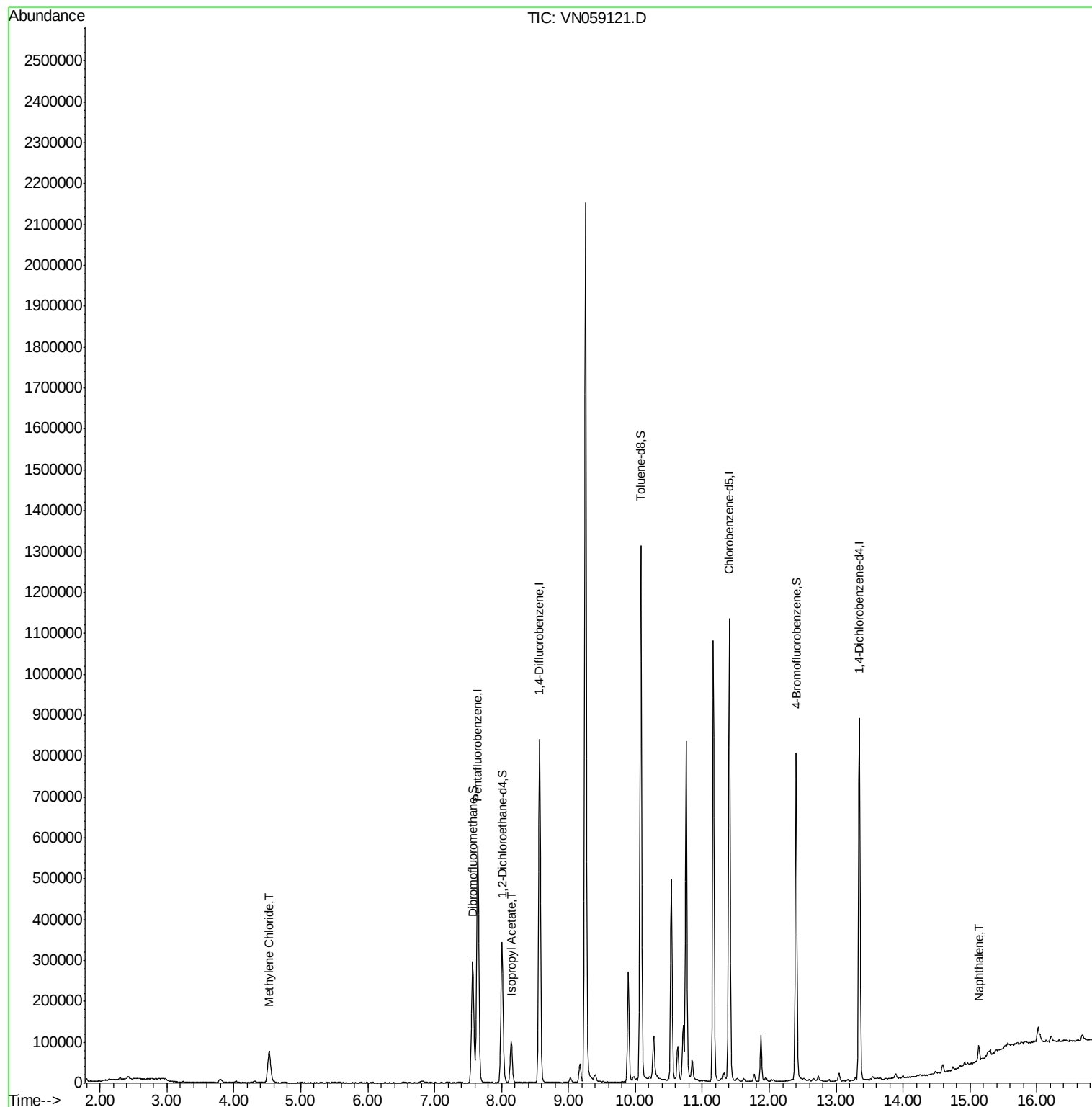
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	483882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	741346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	660540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	293229	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.57	113	227414	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	10.08	98	911313	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.40	95	290940	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
Target Compounds						
20) Methylene Chloride	4.53	84	60313	11.192	ug/l	97
43) Isopropyl Acetate	8.14	43	122618	9.977	ug/l #	89
95) Naphthalene	15.13	128	29966	5.282	ug/l	98

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

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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: VN059121.D

Acq: 7 Nov 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

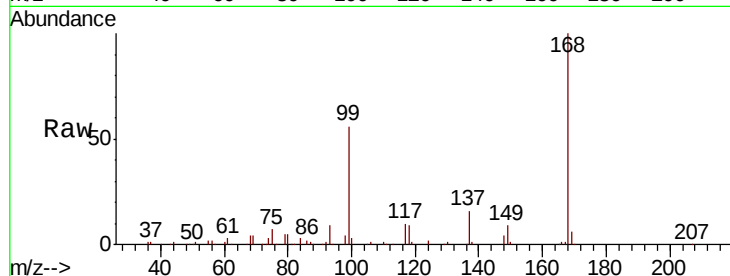
TR-04-110619

Tot Ion:168 Resp: 483882

Ion Ratio Lower Upper

168 100

99 55.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

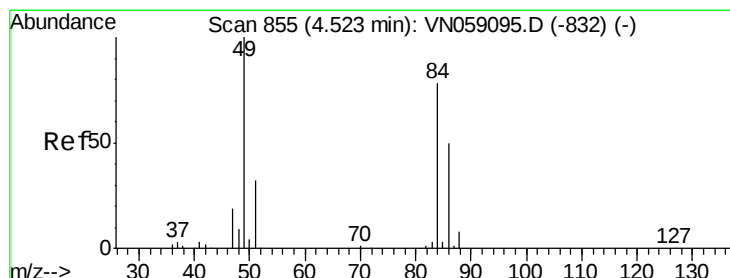
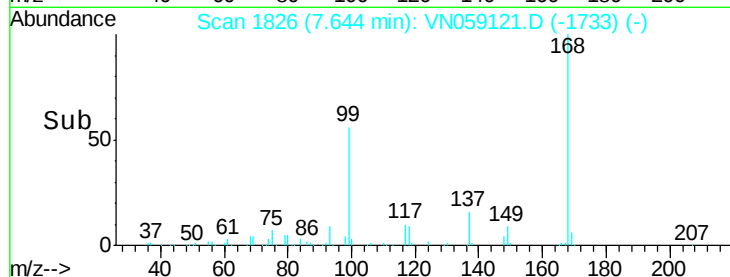
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 11.192 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059121.D

Acq: 7 Nov 2019 14:48

Tgt Ion: 84 Resp: 60313

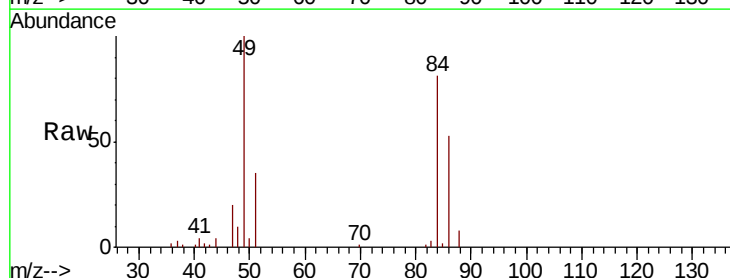
Ion Ratio Lower Upper

84 100

49 122.8 102.0 153.0

51 42.4 32.2 48.2

86 64.8 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

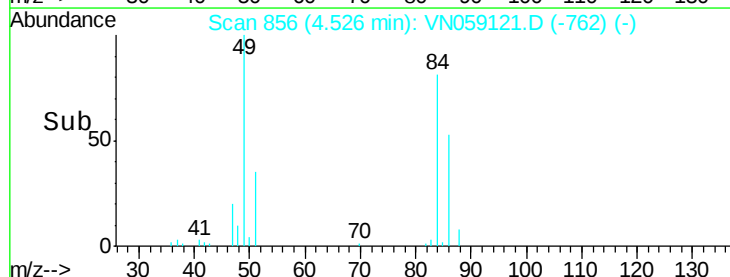
30000

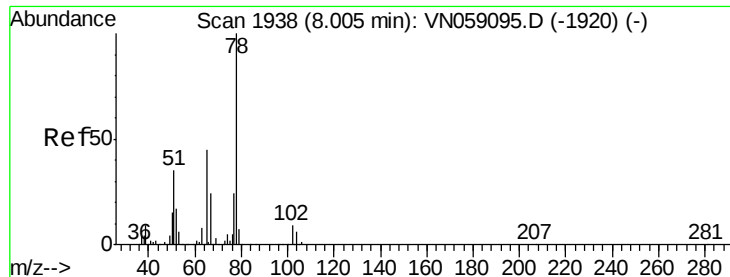
20000

10000

0

Time--> 4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 49.297 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059121.D

Acq: 7 Nov 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

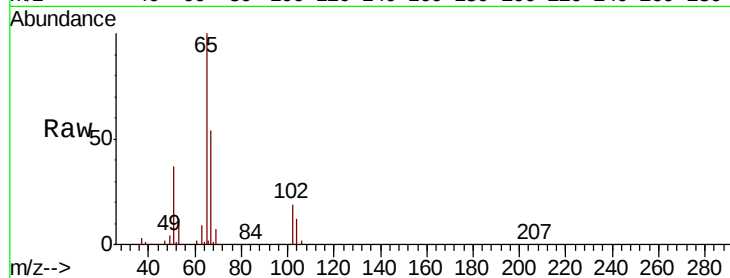
TR-04-110619

Tot Ion: 65 Resp: 293229

Ion Ratio Lower Upper

65 100

67 54.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059121.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059121.D (-1845) (-)

8.00

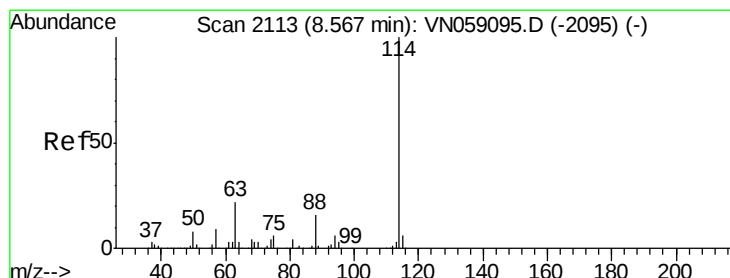
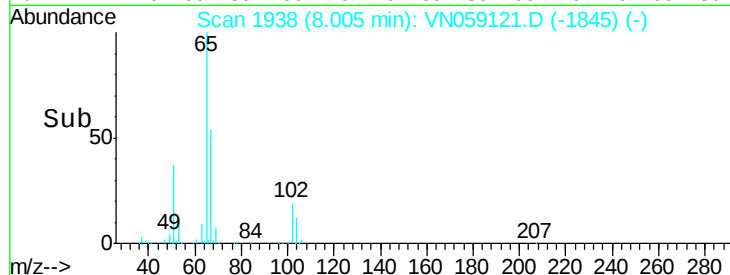
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059121.D

Acq: 7 Nov 2019 14:48

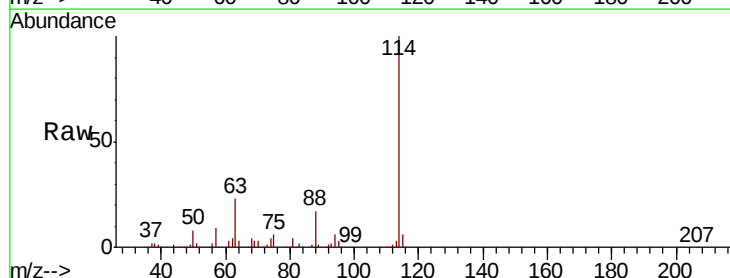
Tgt Ion: 114 Resp: 741346

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.5 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059121.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059121.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059121.D (-2020) (-)

8.57

400000

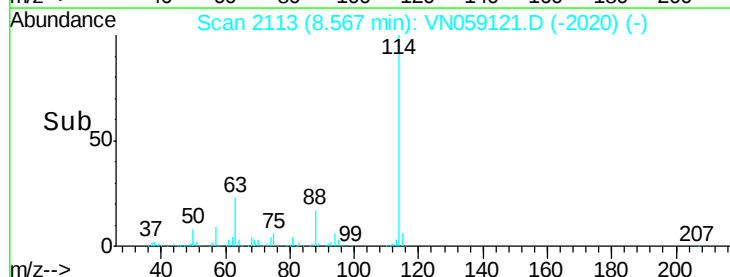
300000

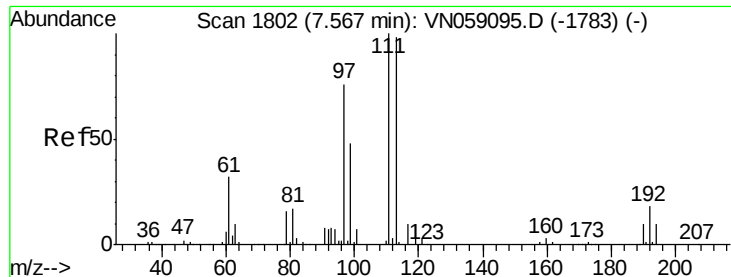
200000

100000

0

Time-->

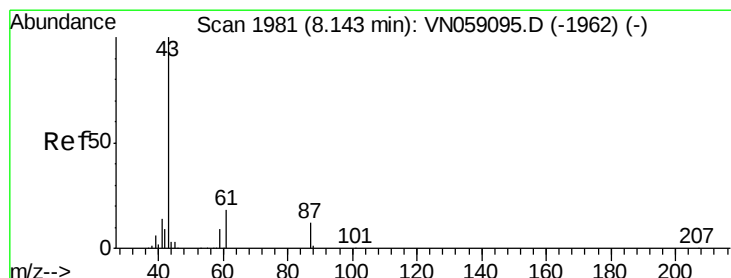
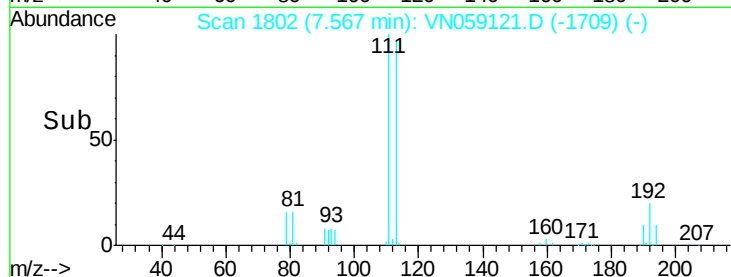
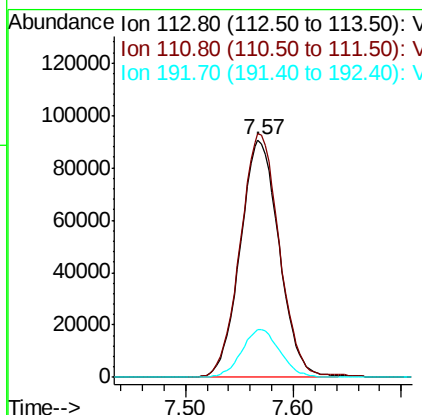
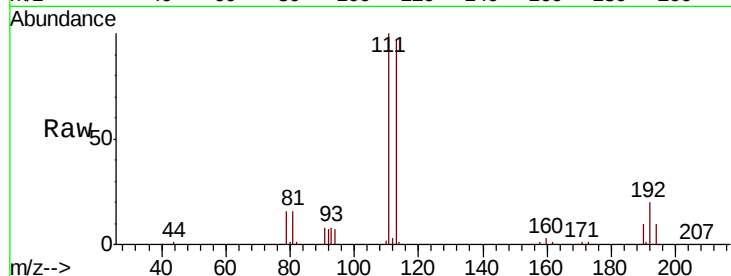




#35
 Dibromofluoromethane
 Concen: 51.375 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059121.D
 Acq: 7 Nov 2019 14:48

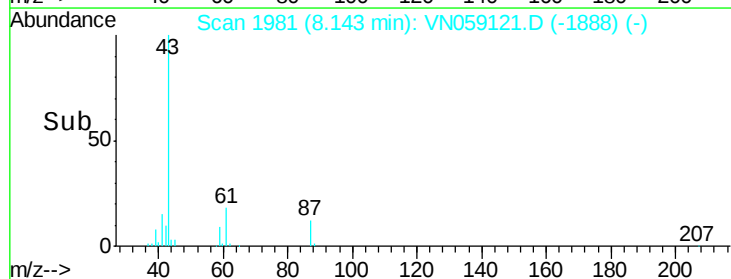
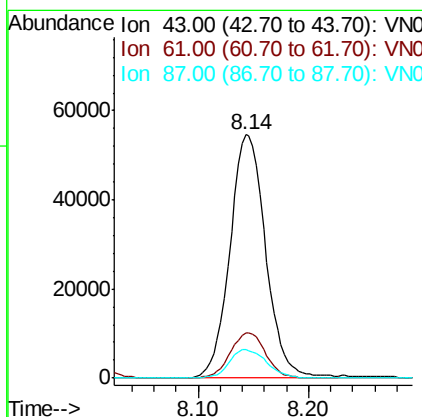
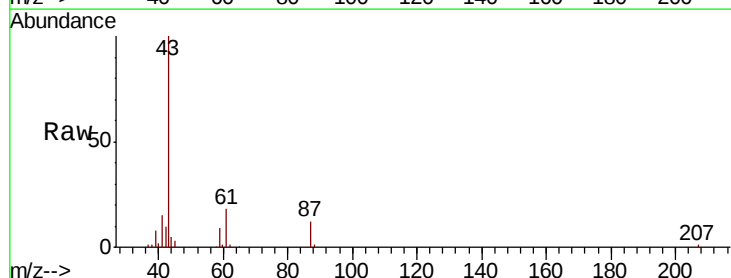
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-110619

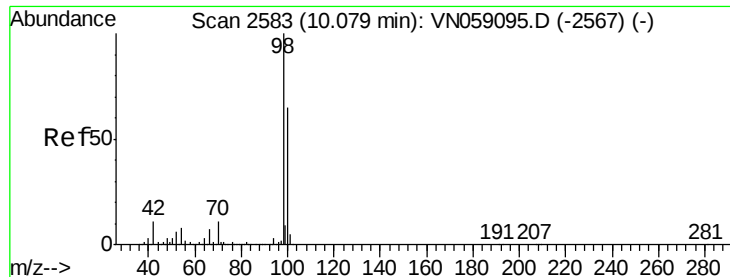
Tot Ion:113 Resp: 227414
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 19.9 16.1 24.1



#43
 Isopropyl Acetate
 Concen: 9.977 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059121.D
 Acq: 7 Nov 2019 14:48

Tgt Ion: 43 Resp: 122618
 Ion Ratio Lower Upper
 43 100
 61 18.4 21.0 31.6#
 87 12.1 9.8 14.6





#50

Toluene-d8

Concen: 52.267 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059121.D

Acq: 7 Nov 2019 14:48

Instrument :

MSVOA_N

ClientSampled :

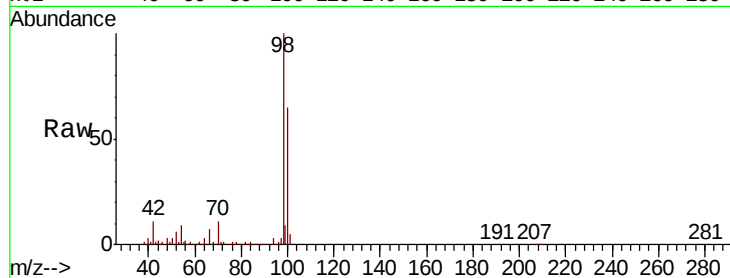
TR-04-110619

Tot Ion: 98 Resp: 911313

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059121.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059121.D (-2490) (-)

10.08

500000

400000

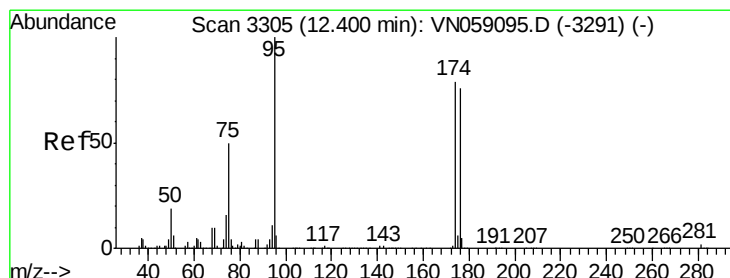
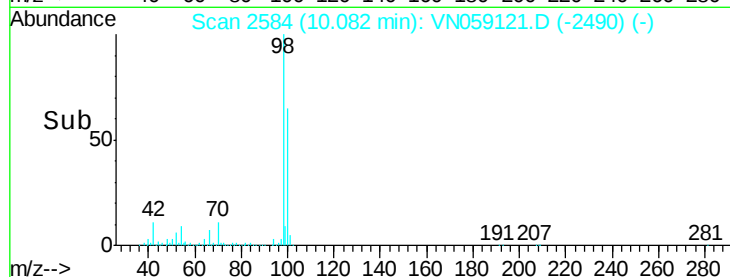
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.279 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059121.D

Acq: 7 Nov 2019 14:48

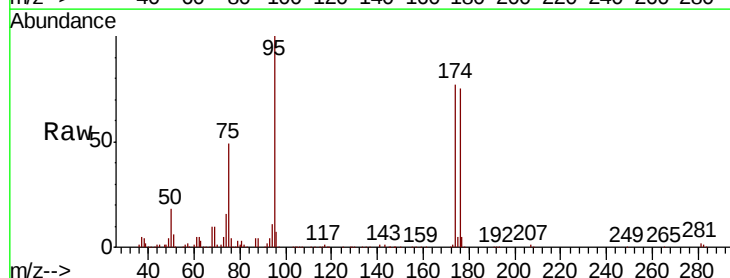
Tgt Ion: 95 Resp: 290940

Ion Ratio Lower Upper

95 100

174 78.0 0.0 158.2

176 76.1 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059121.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059121.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059121.D (-3212) (-)

200000

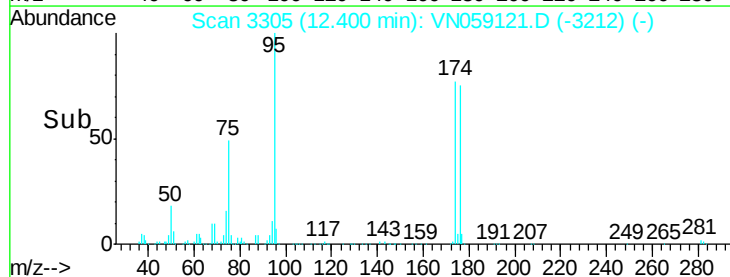
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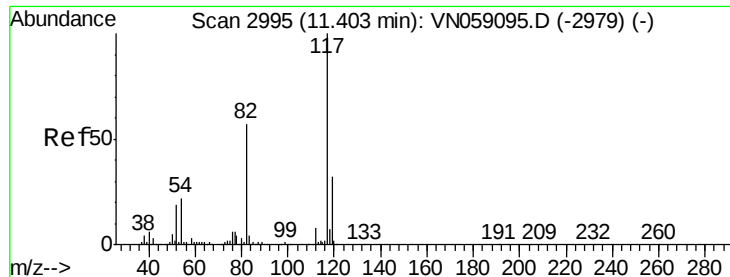
100000

50000

0

Time-->

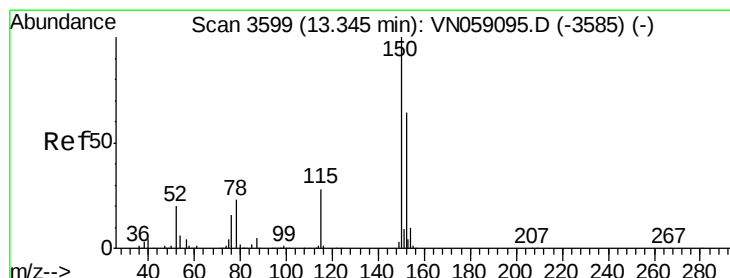
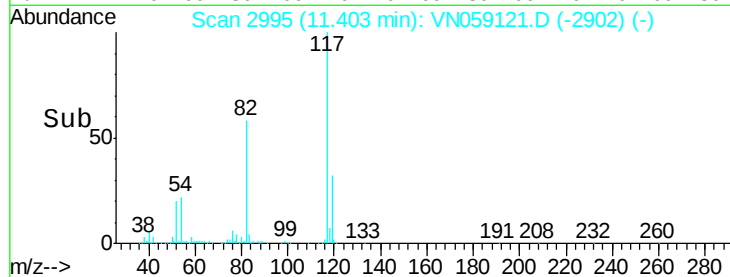
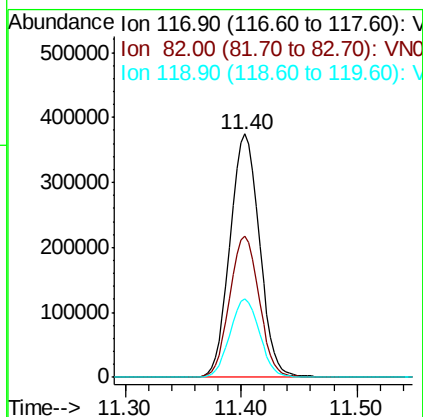
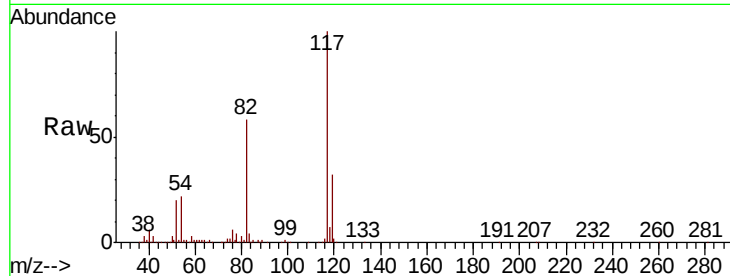




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059121.D
Acq: 7 Nov 2019 14:48

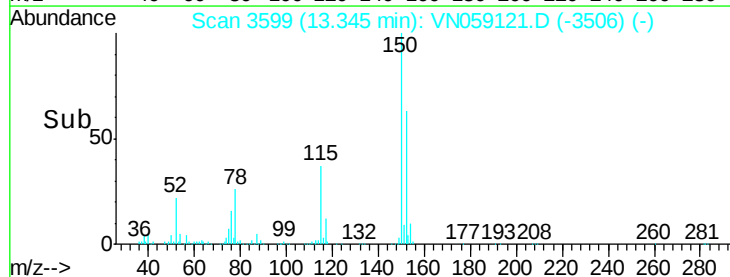
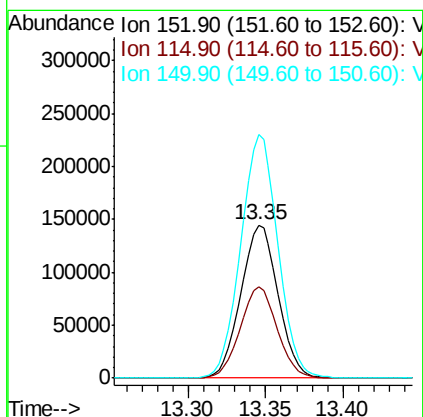
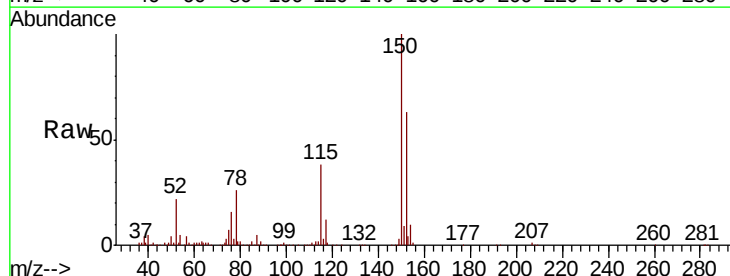
Instrument :
MSVOA_N
ClientSampleId :
TR-04-110619

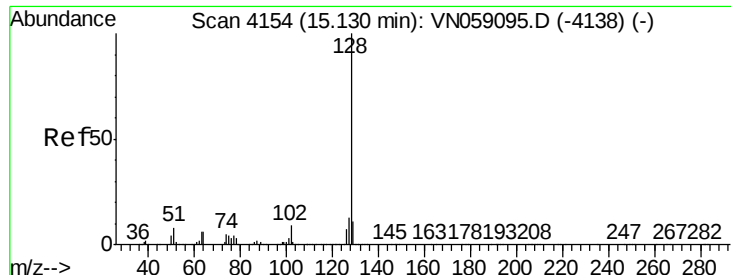
Tot Ion:117 Resp: 660540
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.8
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059121.D
Acq: 7 Nov 2019 14:48

Tgt Ion:152 Resp: 242745
Ion Ratio Lower Upper
152 100
115 59.2 29.4 88.2
150 158.7 0.0 345.8





#95

Naphthalene

Concen: 5.282 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059121.D

Acq: 7 Nov 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

TR-04-110619

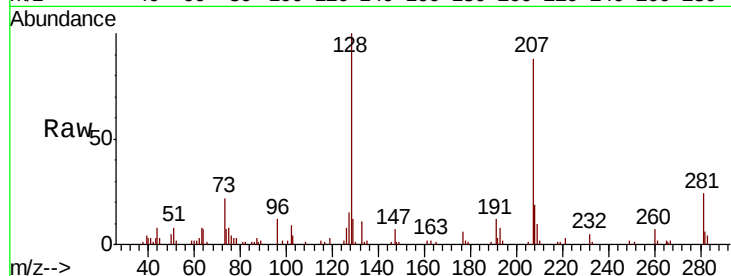
Tot Ion:128 Resp: 29966

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.6 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

