

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059265.D
 Acq On : 15 Nov 2019 14:58
 Operator : JC/SP
 Sample : K5863-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-COMP

Quant Time: Nov 16 01:22:30 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

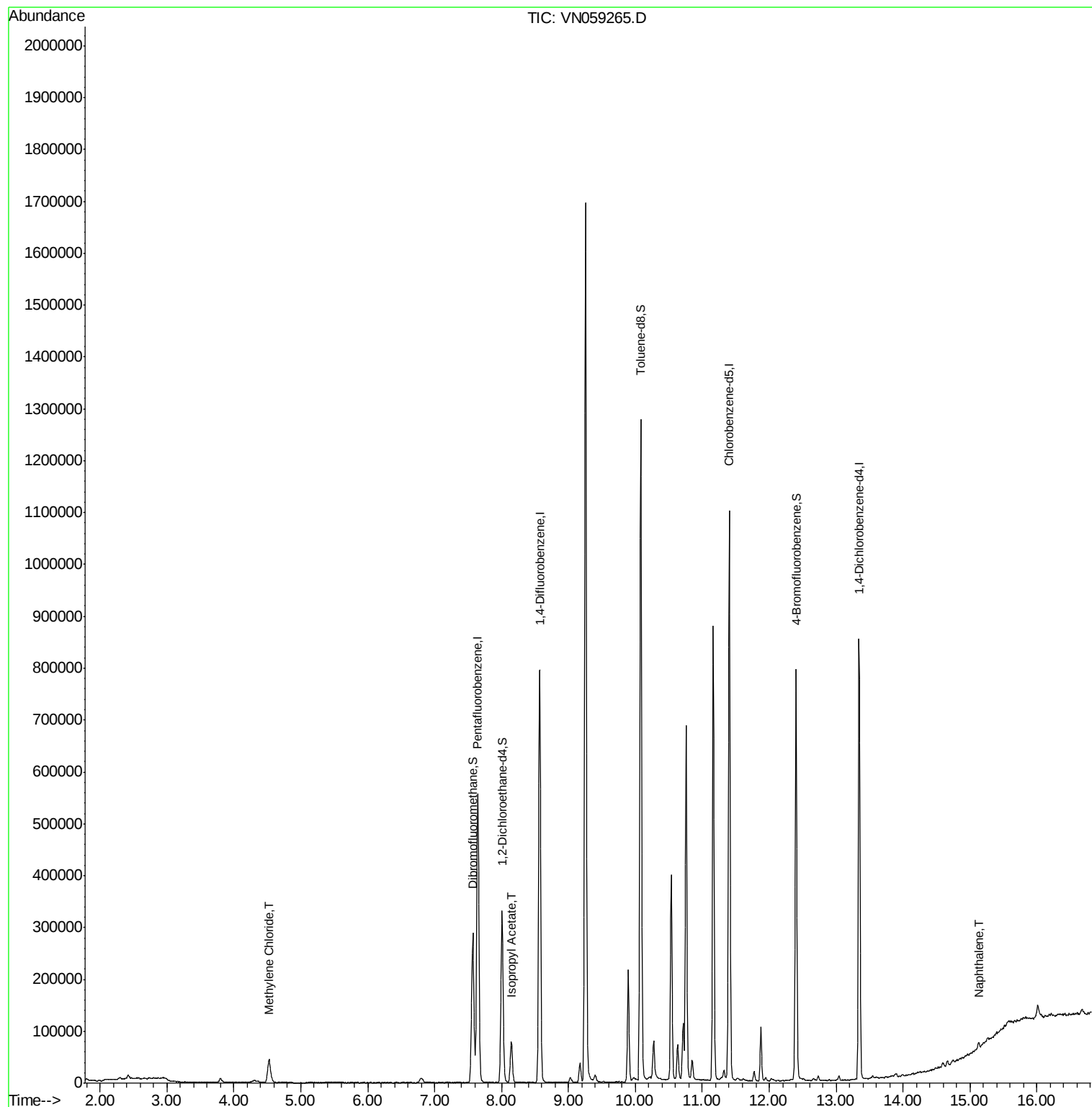
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	469303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	724242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	648300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	235248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	283421	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	7.57	113	222302	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.08	98	891882	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.40	95	285308	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
Target Compounds						
20) Methylene Chloride	4.53	84	34568	6.614	ug/l	98
43) Isopropyl Acetate	8.15	43	93273	7.769	ug/l #	91
95) Naphthalene	15.13	128	10090	3.822	ug/l	99

(#) = 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: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

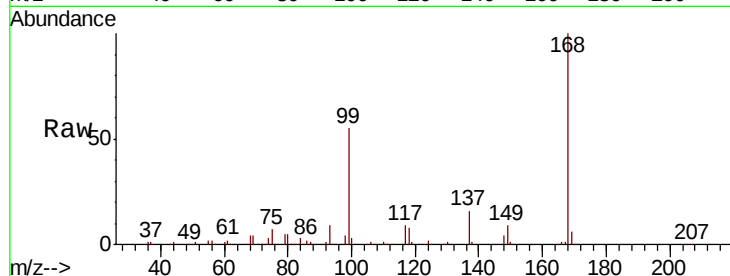
TP-1-COMP

Tot Ion:168 Resp: 469303

Ion Ratio Lower Upper

168 100

99 55.2 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

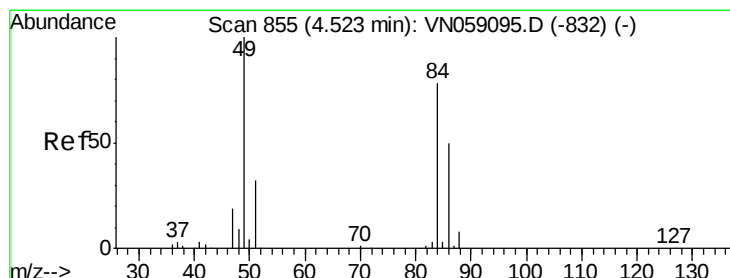
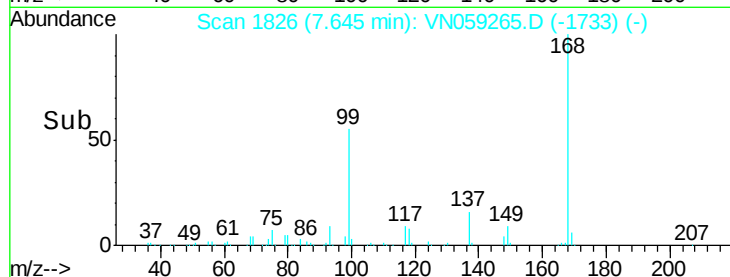
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.614 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Tgt Ion: 84 Resp: 34568

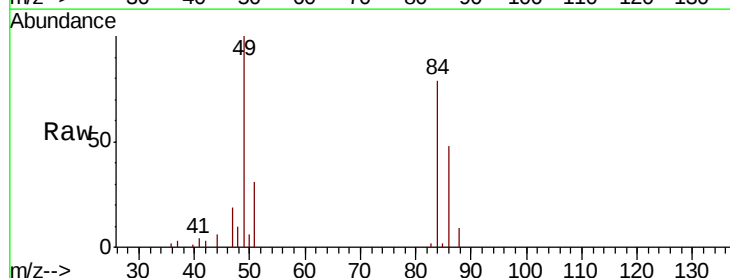
Ion Ratio Lower Upper

84 100

49 126.4 102.0 153.0

51 39.2 32.2 48.2

86 60.3 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

20000

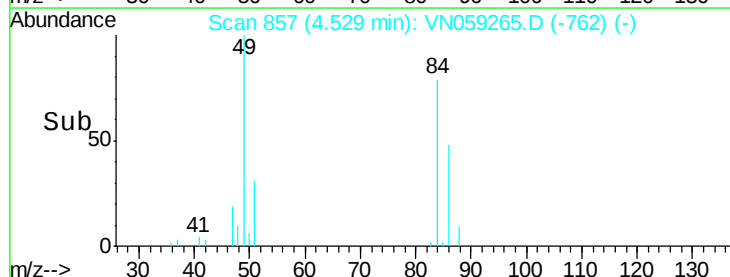
15000

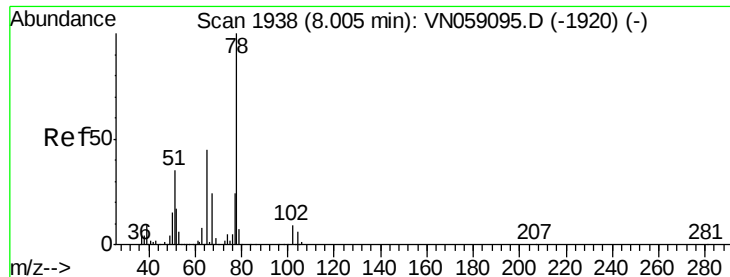
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.129 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

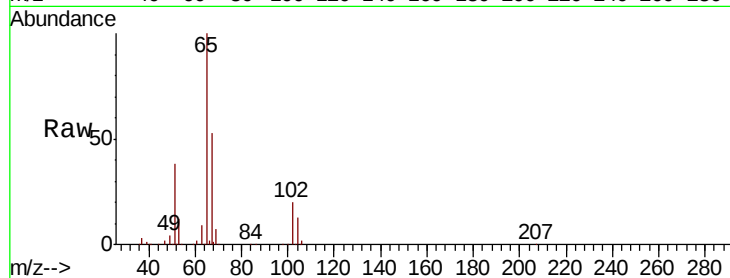
TP-1-COMP

Tot Ion: 65 Resp: 283421

Ion Ratio Lower Upper

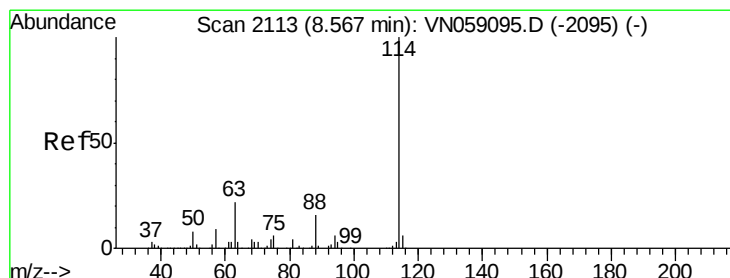
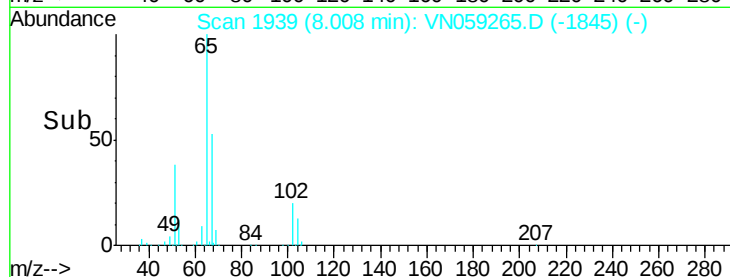
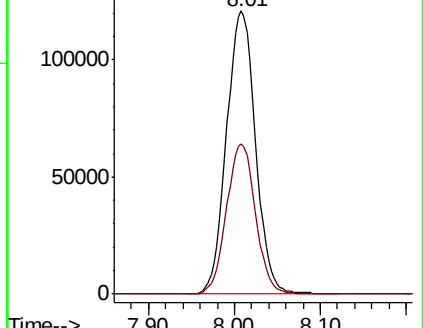
65 100

67 53.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059265.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059265.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

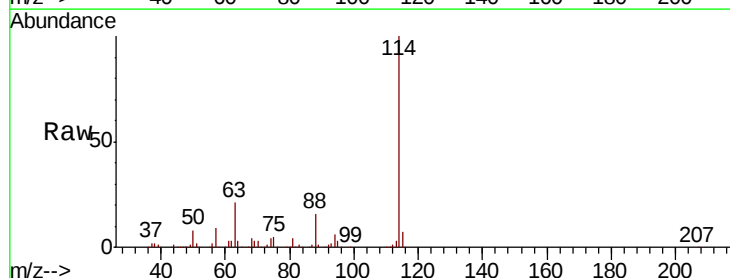
Tgt Ion: 114 Resp: 724242

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

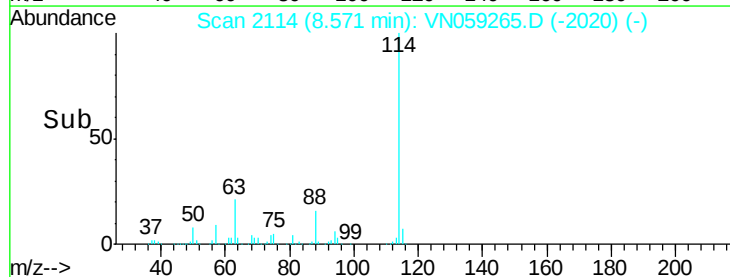
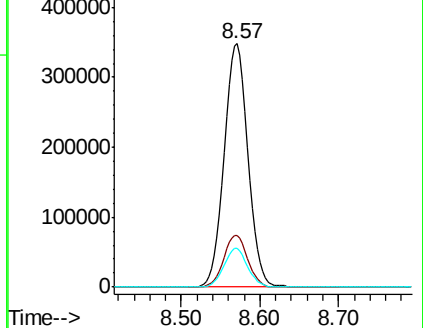
88 15.7 0.0 32.2

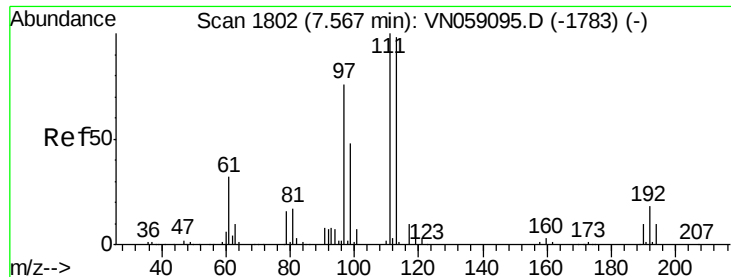


Abundance Ion 113.90 (113.60 to 114.60): VN059265.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059265.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059265.D (-2020) (-)

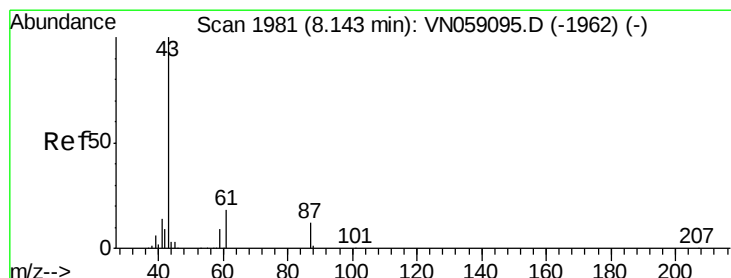
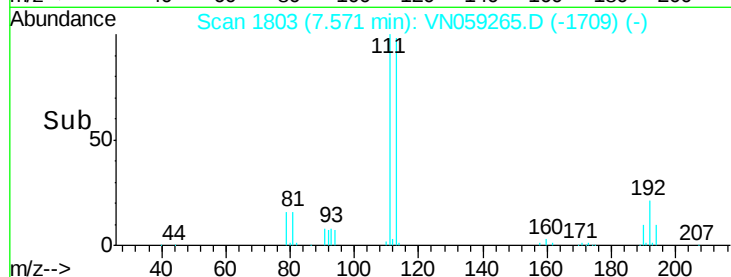
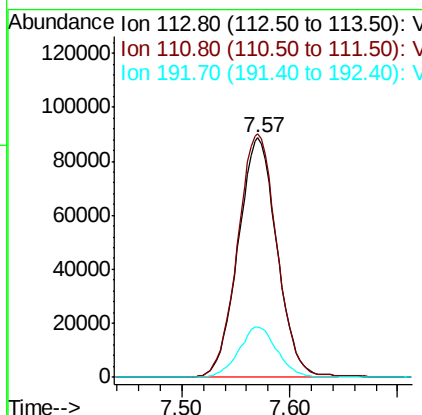
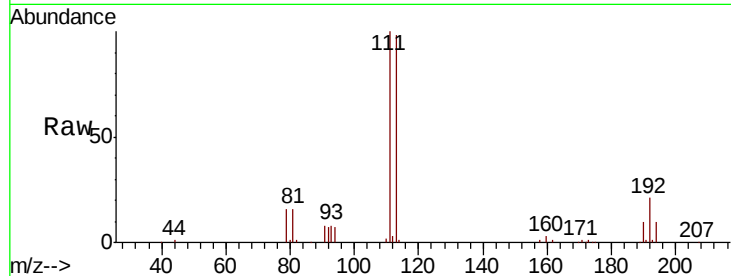




#35
 Dibromofluoromethane
 Concen: 51.406 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

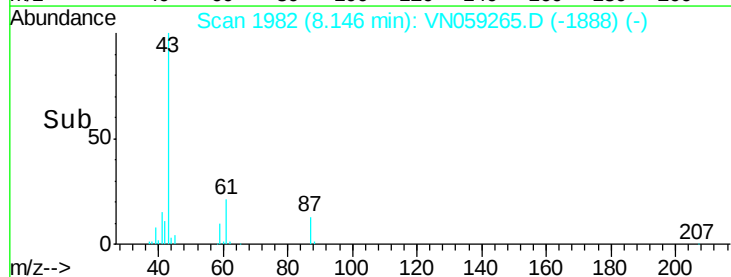
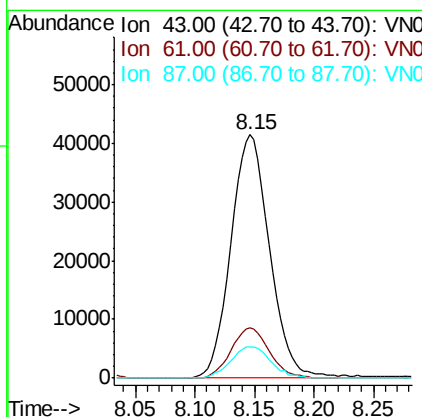
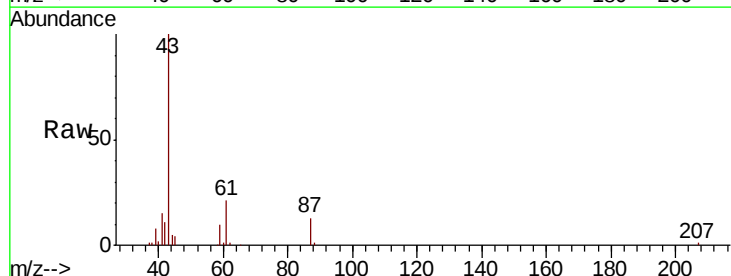
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-COMP

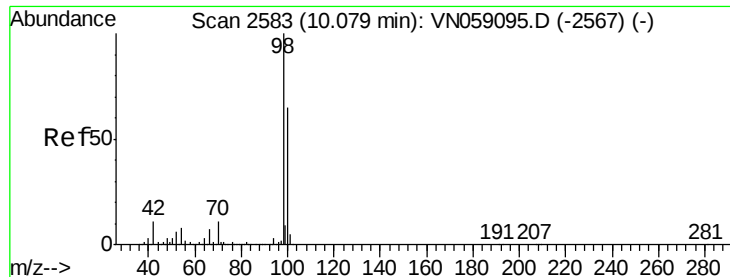
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	20.6	16.1	24.1



#43
 Isopropyl Acetate
 Concen: 7.769 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059265.D
 Acq: 15 Nov 2019 14:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	21.0	31.6#
87	13.2	9.8	14.6





#50

Toluene-d8

Concen: 52.360 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

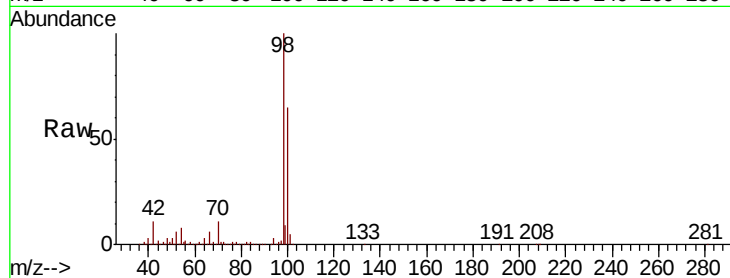
TP-1-COMP

Tot Ion: 98 Resp: 891882

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059095.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059095.D (-2567) (-)

10.08

500000

400000

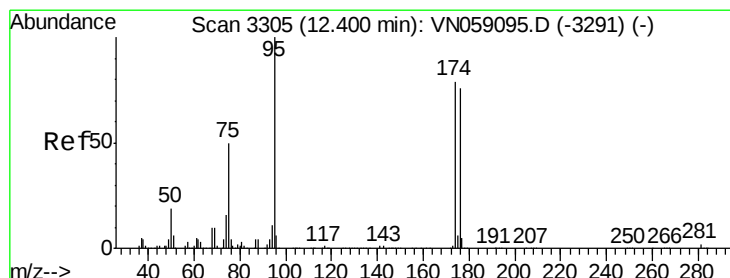
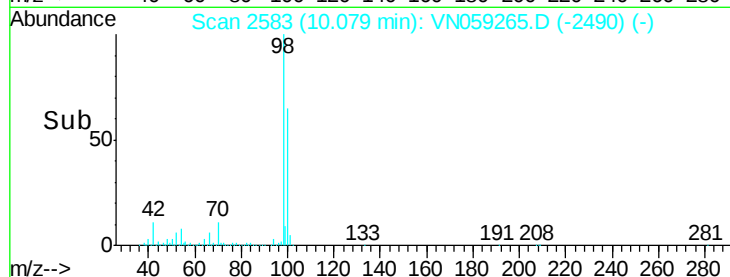
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.455 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059265.D

Acq: 15 Nov 2019 14:58

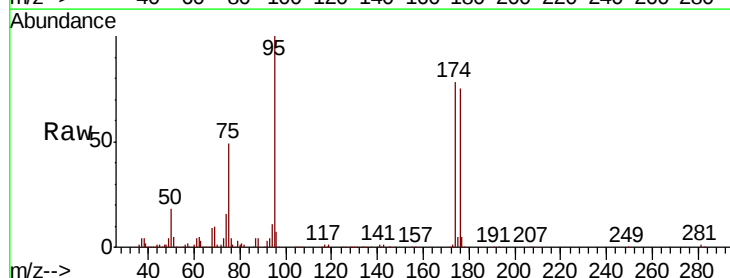
Tgt Ion: 95 Resp: 285308

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.2

176 76.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059095.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059095.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059095.D (-3291) (-)

200000

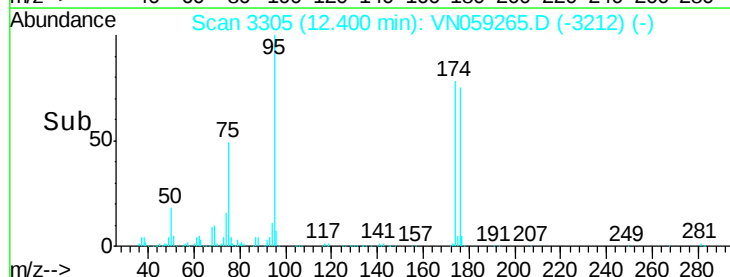
150000

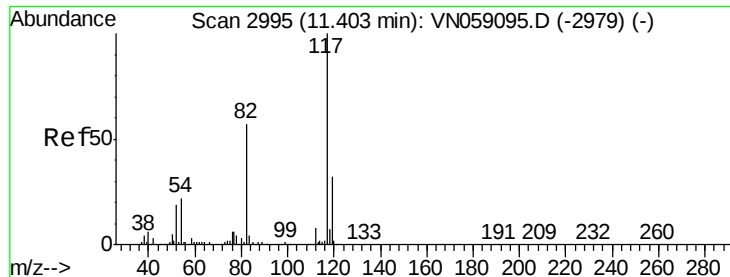
100000

50000

0

Time-->

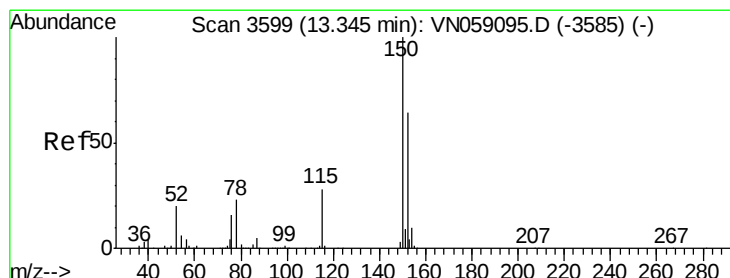
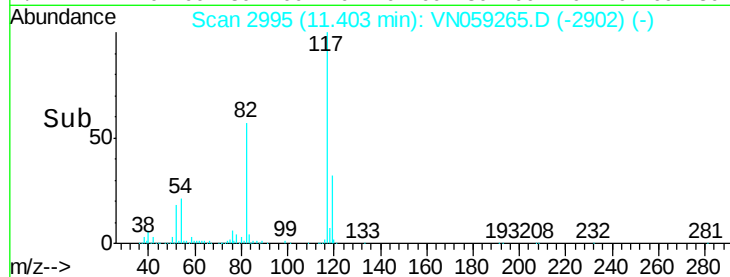
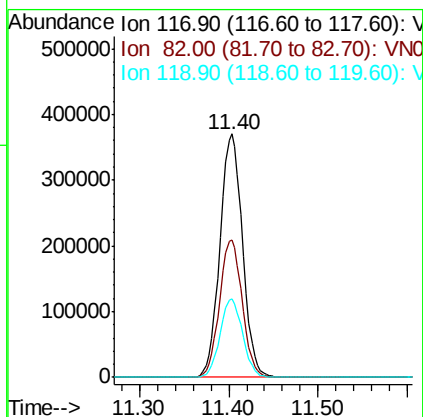
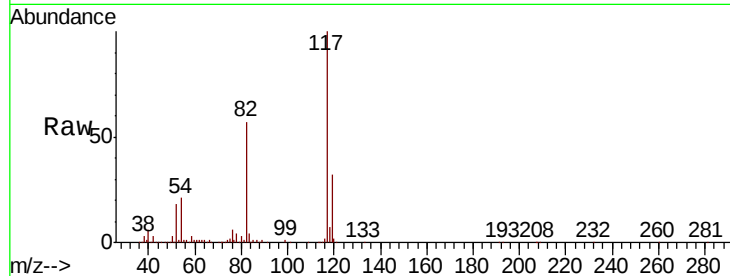




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

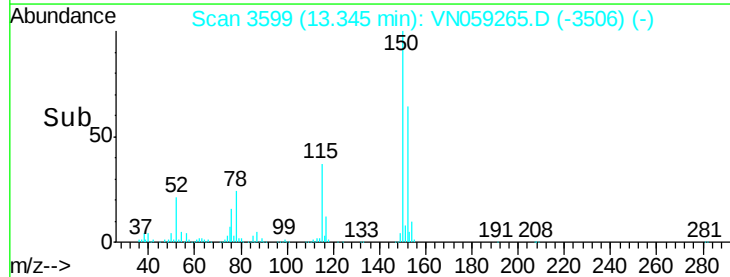
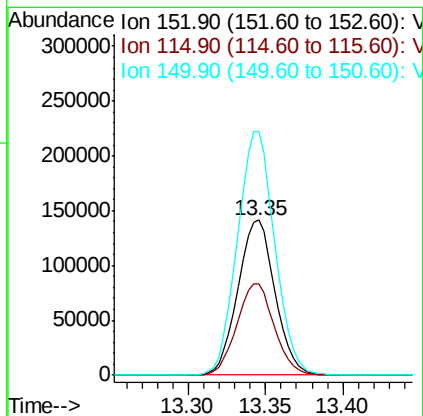
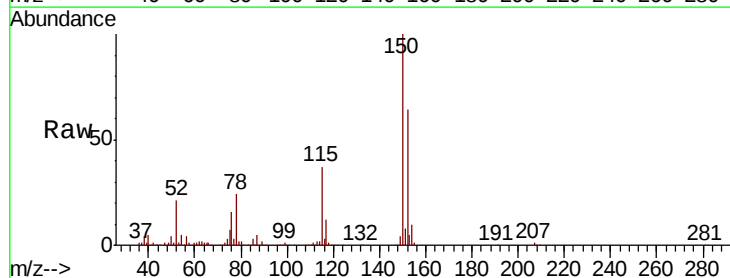
Instrument :
MSVOA_N
ClientSampleId :
TP-1-COMP

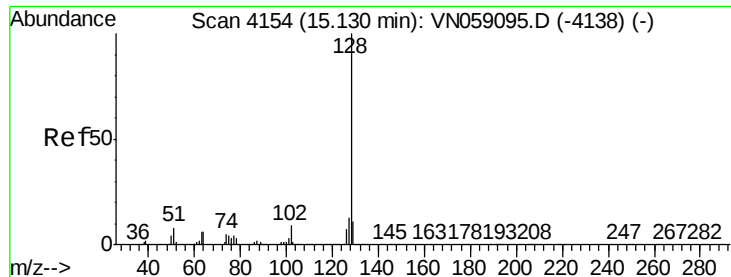
Tot Ion:117 Resp: 648300
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.8
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Tgt Ion:152 Resp: 235248
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.2
150 158.5 0.0 345.8

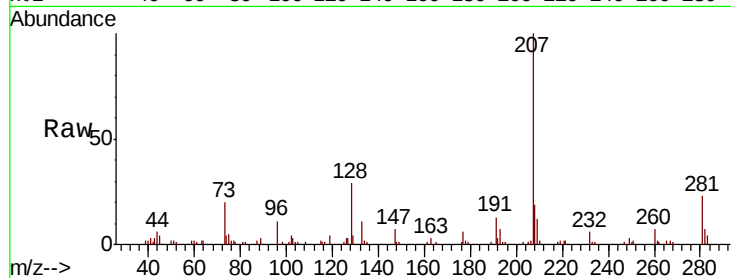




#95
Naphthalene
Concen: 3.822 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059265.D
Acq: 15 Nov 2019 14:58

Instrument :
MSVOA_N
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	10.7	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

