

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059266.D
 Acq On : 15 Nov 2019 15:20
 Operator : JC/SP
 Sample : K5782-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2A-COMP

Quant Time: Nov 16 01:24:34 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

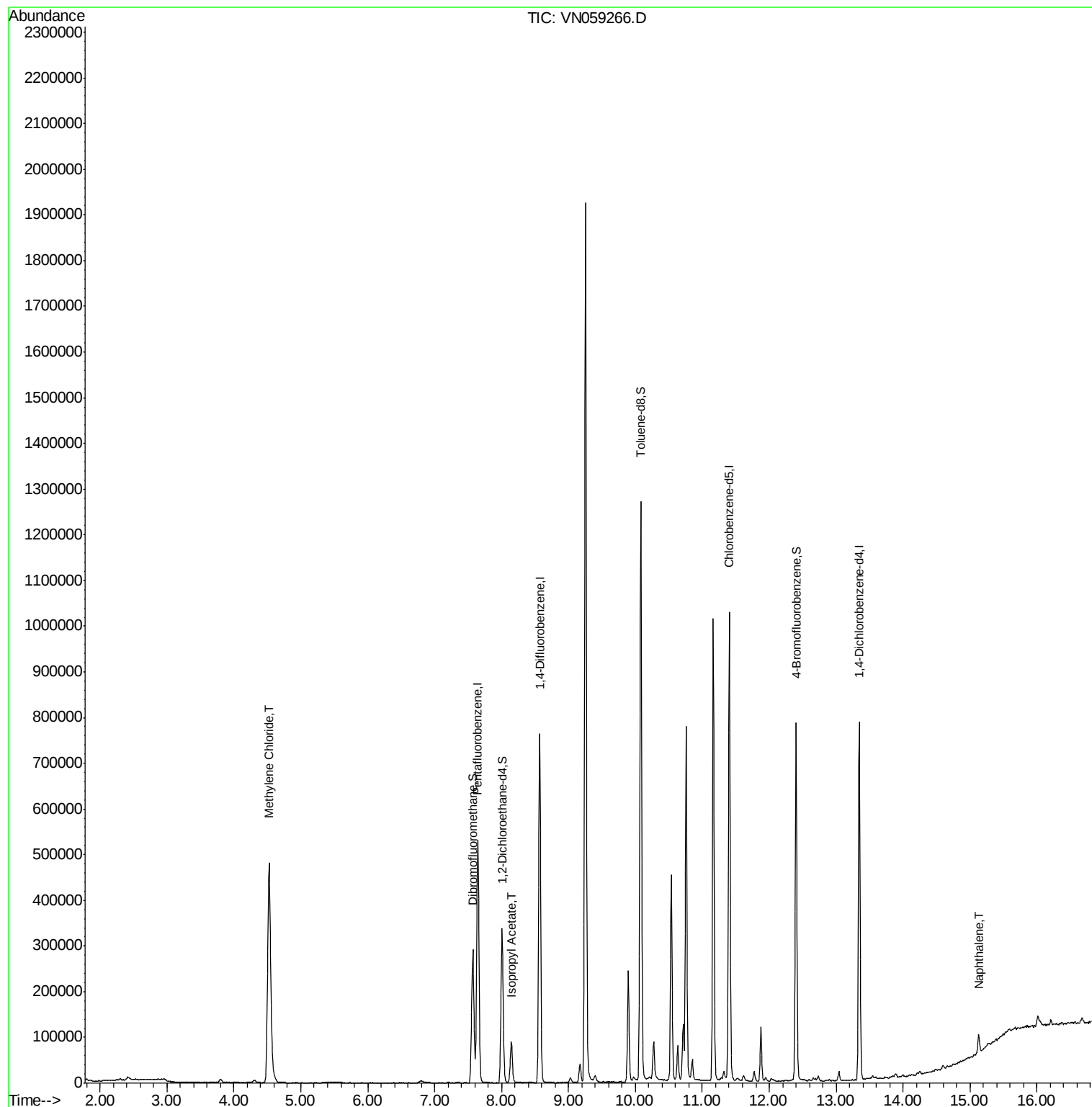
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	443950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	690589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	607763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	287234	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.57	113	226364	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
50) Toluene-d8	10.08	98	903266	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
62) 4-Bromofluorobenzene	12.40	95	288444	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
Target Compounds						
20) Methylene Chloride	4.53	84	385768	78.027	ug/l	98
43) Isopropyl Acetate	8.15	43	103441	9.035	ug/l #	92
95) Naphthalene	15.13	128	33836	5.862	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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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059266.D

Acq: 15 Nov 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

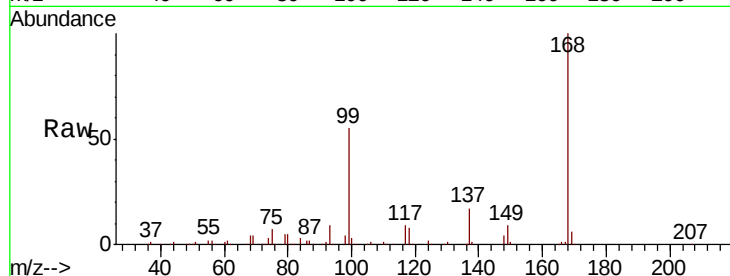
TP-2A-COMP

Tot Ion:168 Resp: 443950

Ion Ratio Lower Upper

168 100

99 54.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

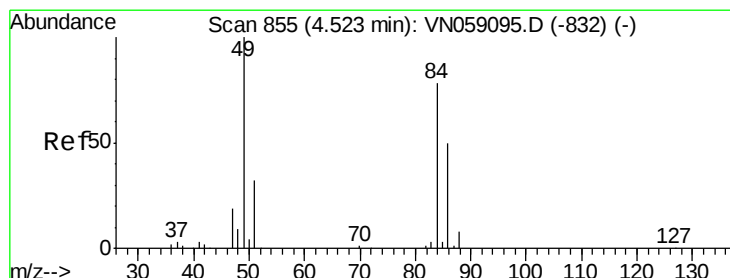
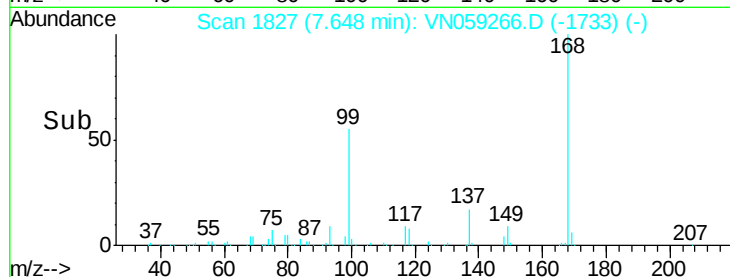
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 78.027 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059266.D

Acq: 15 Nov 2019 15:20

Tgt Ion: 84 Resp: 385768

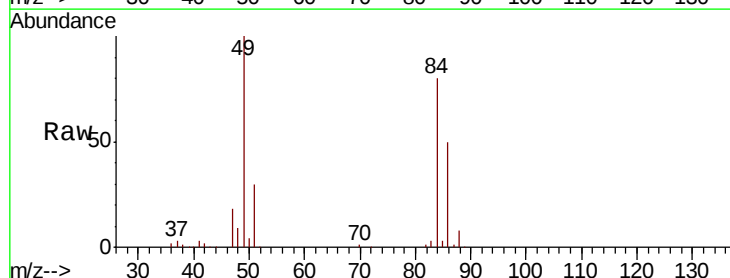
Ion Ratio Lower Upper

84 100

49 125.5 102.0 153.0

51 38.1 32.2 48.2

86 63.3 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

200000

150000

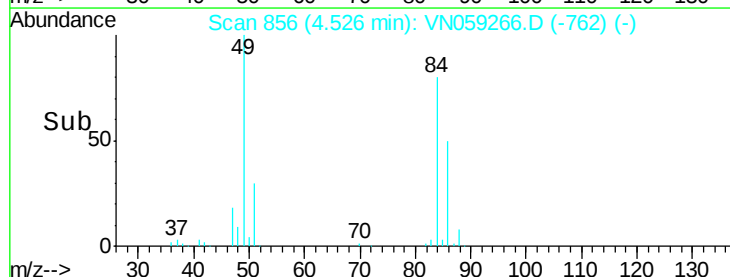
100000

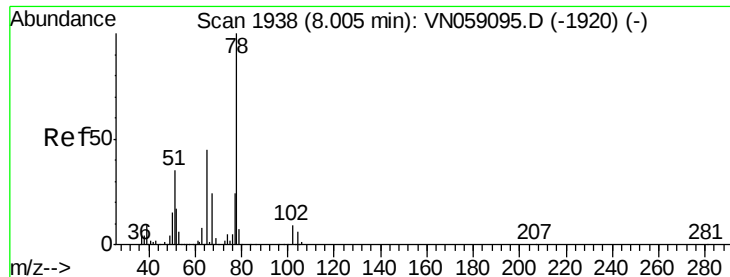
50000

0

4.40 4.50 4.60 4.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.633 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059266.D

Acq: 15 Nov 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

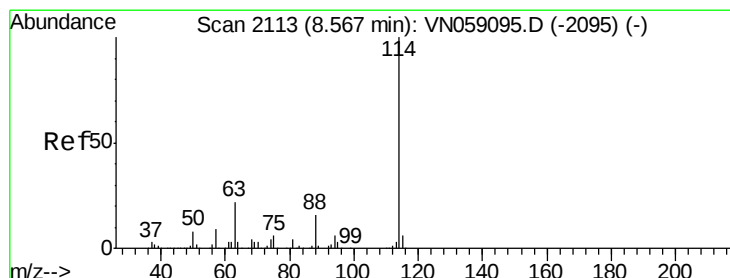
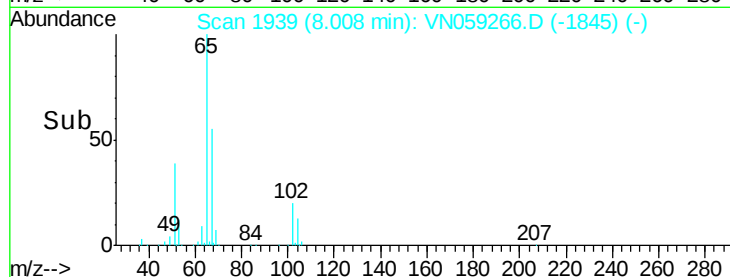
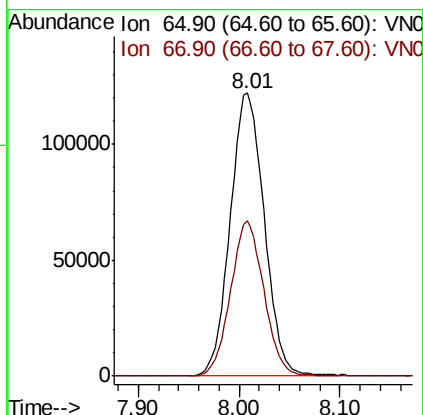
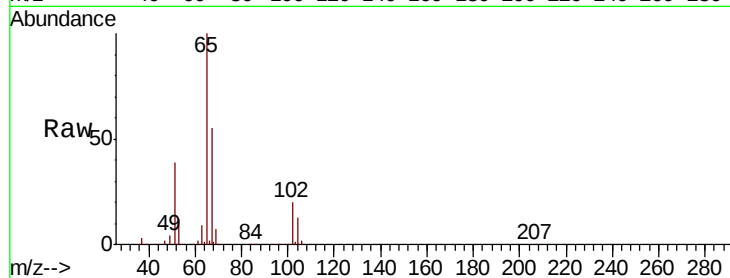
TP-2A-COMP

Tot Ion: 65 Resp: 287234

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059266.D

Acq: 15 Nov 2019 15:20

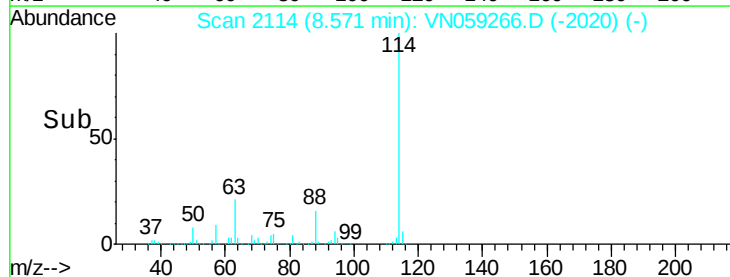
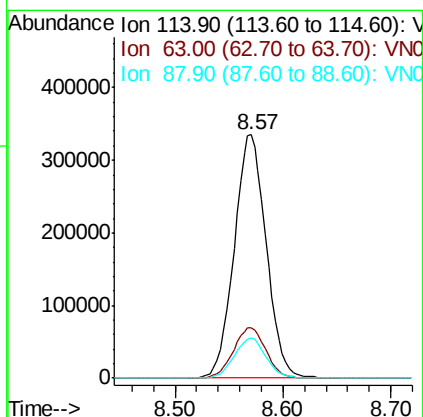
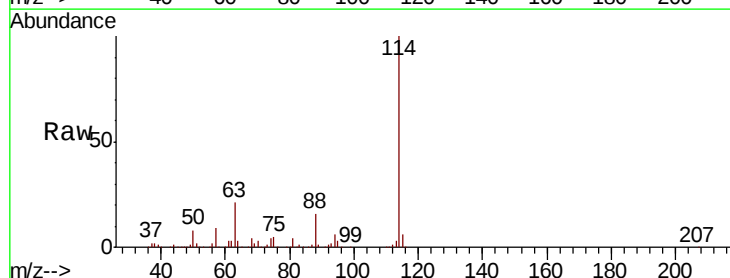
Tgt Ion: 114 Resp: 690589

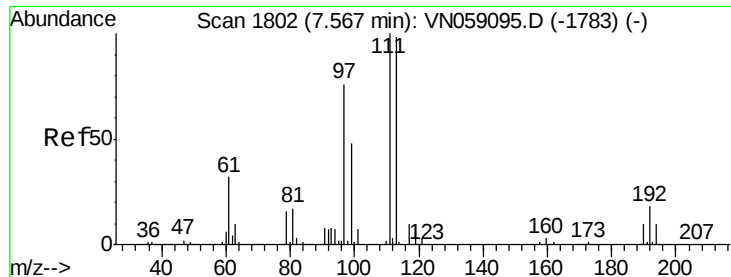
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.4

88 16.3 0.0 32.2

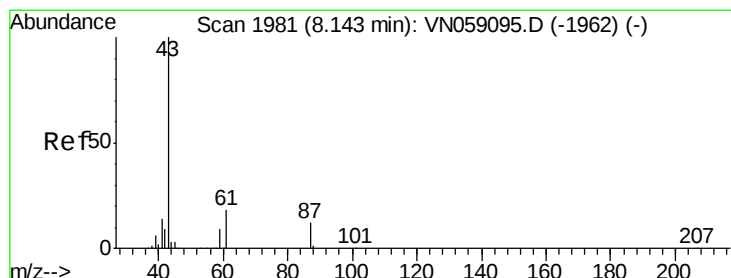
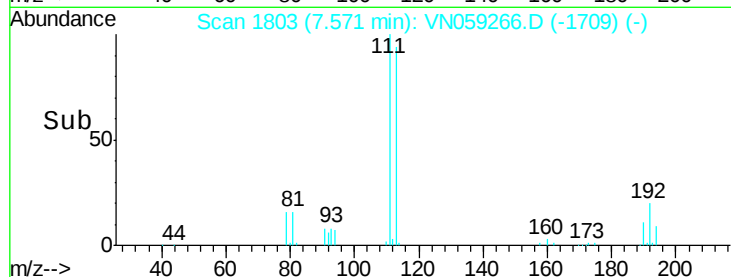
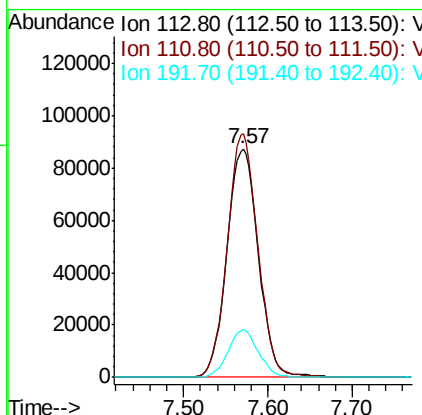
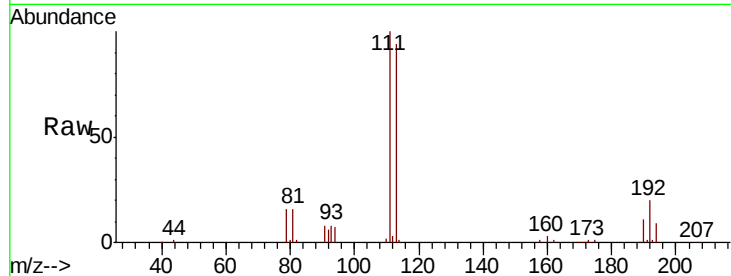




#35
 Dibromofluoromethane
 Concen: 54.896 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059266.D
 Acq: 15 Nov 2019 15:20

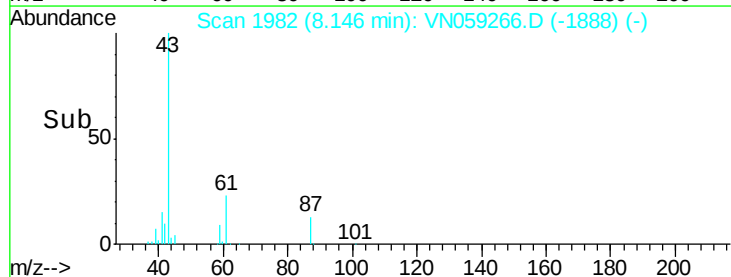
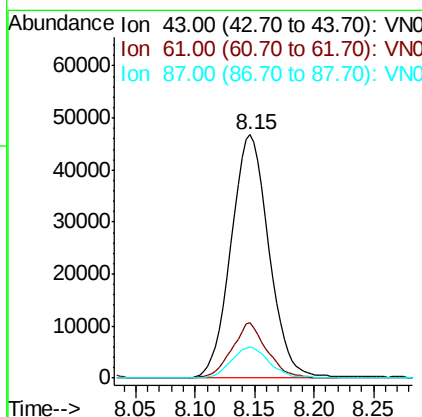
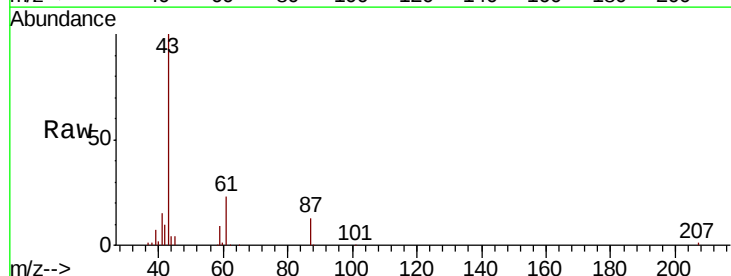
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2A-COMP

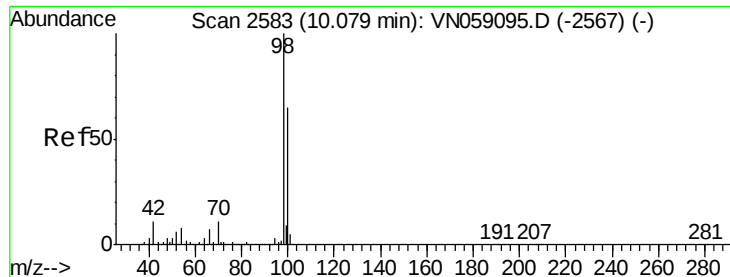
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	20.0	16.1	24.1



#43
 Isopropyl Acetate
 Concen: 9.035 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059266.D
 Acq: 15 Nov 2019 15:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	21.0	31.6#
87	12.7	9.8	14.6





#50

Toluene-d8

Concen: 55.613 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059266.D

Acq: 15 Nov 2019 15:20

Instrument :

MSVOA_N

ClientSampled :

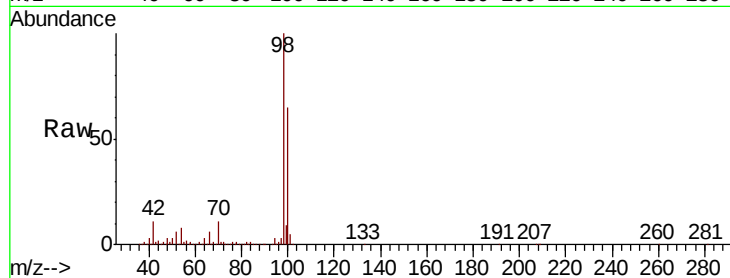
TP-2A-COMP

Tot Ion: 98 Resp: 903266

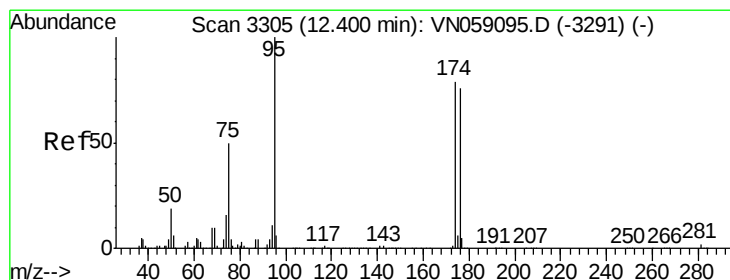
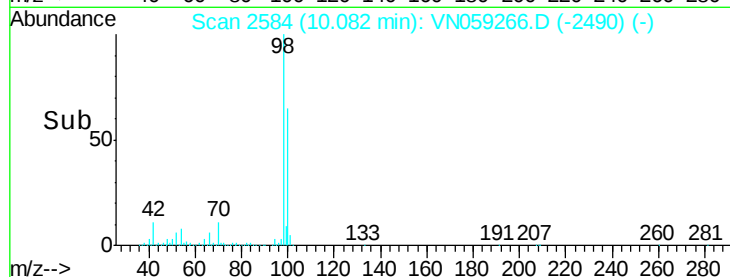
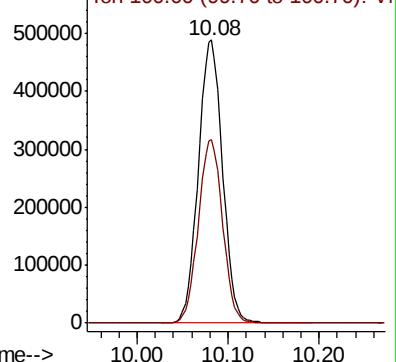
Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



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



#62

4-Bromofluorobenzene

Concen: 49.254 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059266.D

Acq: 15 Nov 2019 15:20

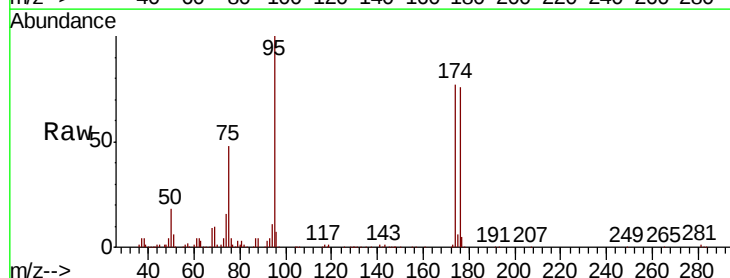
Tgt Ion: 95 Resp: 288444

Ion Ratio Lower Upper

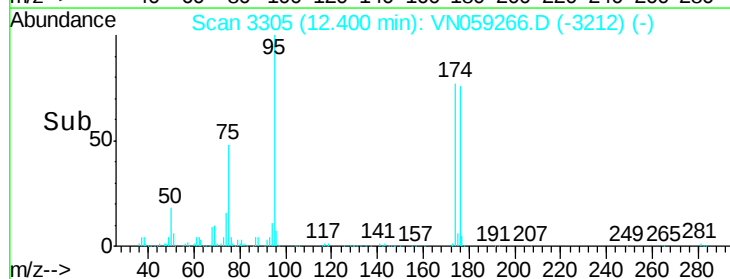
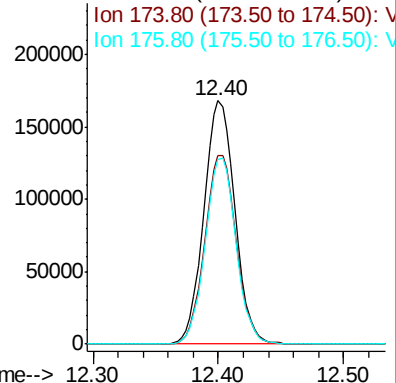
95 100

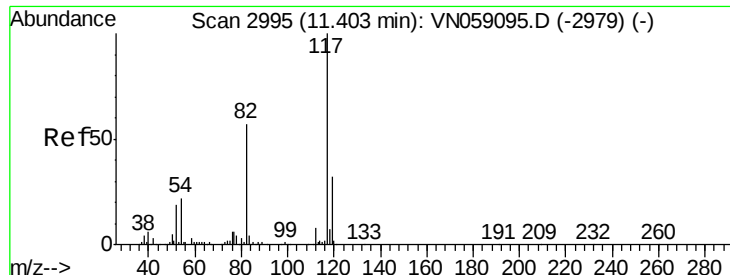
174 78.7 0.0 158.2

176 75.9 0.0 151.8



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

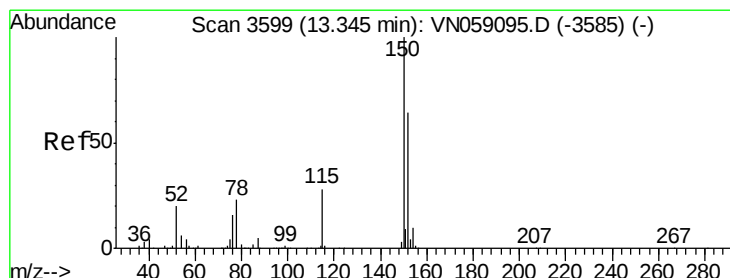
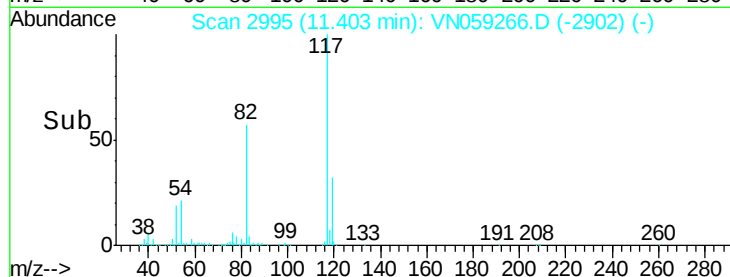
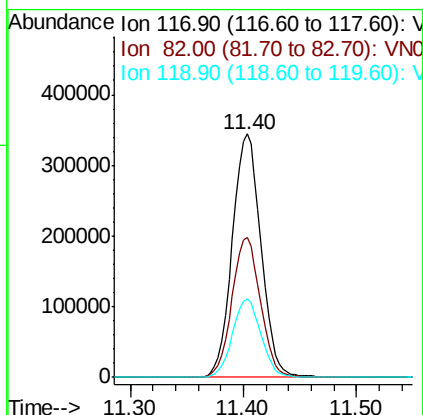
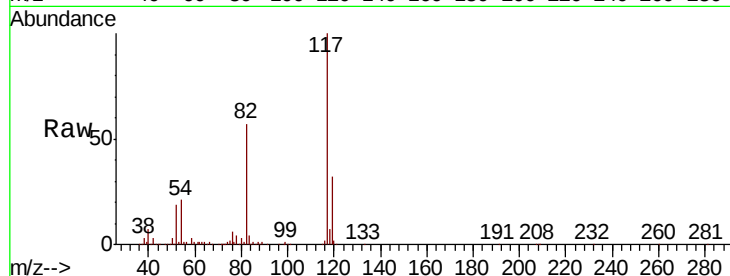




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059266.D
Acq: 15 Nov 2019 15:20

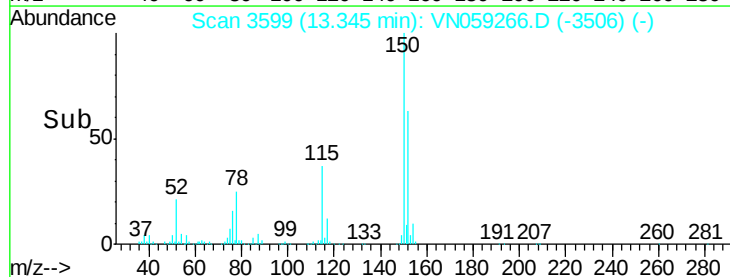
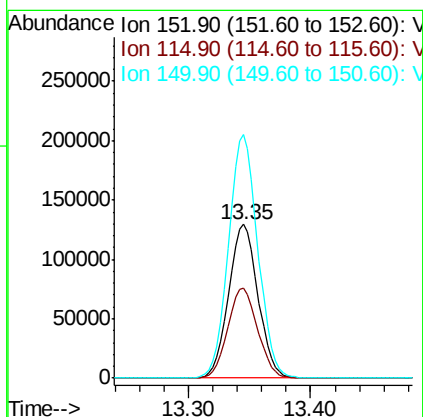
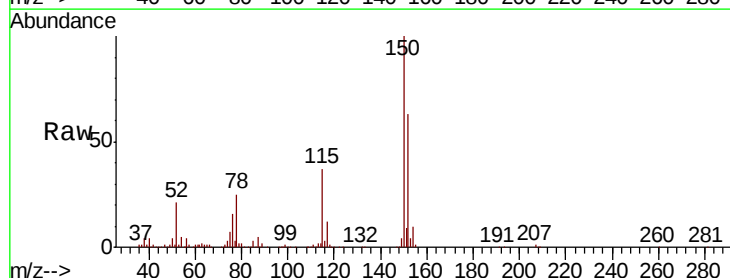
Instrument :
MSVOA_N
ClientSampleId :
TP-2A-COMP

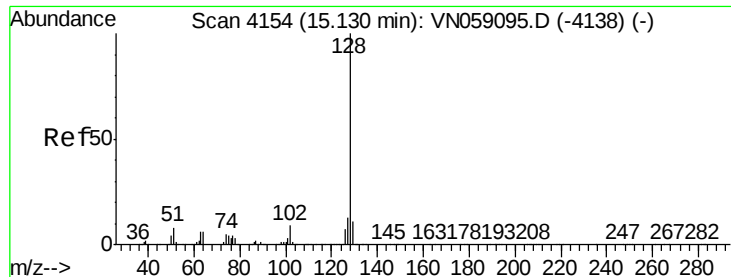
Tot Ion:117 Resp: 607763
Ion Ratio Lower Upper
117 100
82 57.3 45.8 68.8
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059266.D
Acq: 15 Nov 2019 15:20

Tgt Ion:152 Resp: 217665
Ion Ratio Lower Upper
152 100
115 60.0 29.4 88.2
150 157.5 0.0 345.8

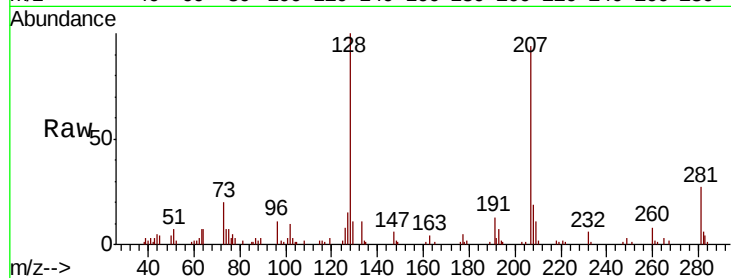




#95
Naphthalene
Concen: 5.862 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059266.D
Acq: 15 Nov 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
TP-2A-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.2
129	11.0	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

