

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059264.D
 Acq On : 15 Nov 2019 14:35
 Operator : JC/SP
 Sample : K5848-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ESW

Quant Time: Nov 16 01:06:32 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

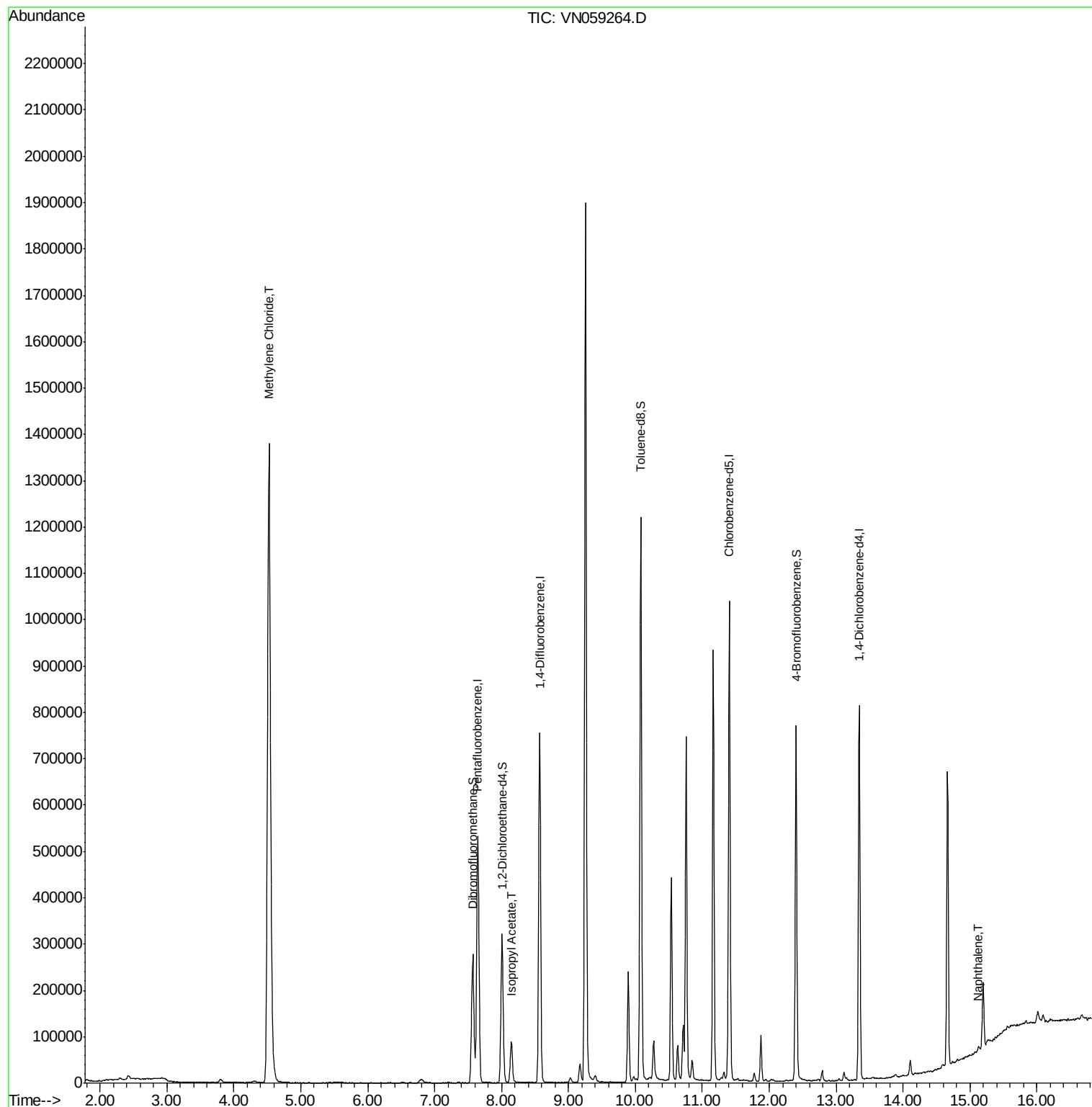
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	445078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	688951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	617742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	273990	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	7.57	113	216675	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.08	98	861610	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.40	95	276628	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
Target Compounds						
20) Methylene Chloride	4.53	84	1102624	222.455	ug/l	99
43) Isopropyl Acetate	8.15	43	106368	9.313	ug/l	93
95) Naphthalene	15.13	128	7186	3.618	ug/l	98

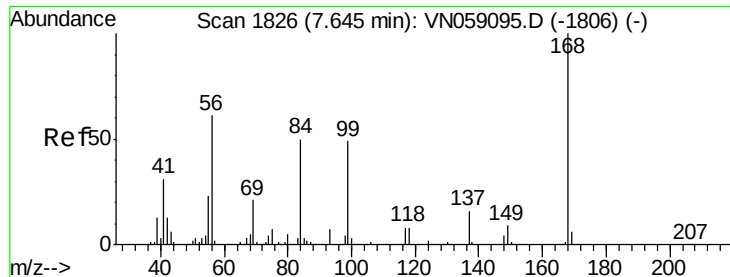
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111519\
Data File : VN059264.D
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Quant Time: Nov 16 01:06:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
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: VN059264.D

Acq: 15 Nov 2019 14:35

Instrument :

MSVOA_N

ClientSampled :

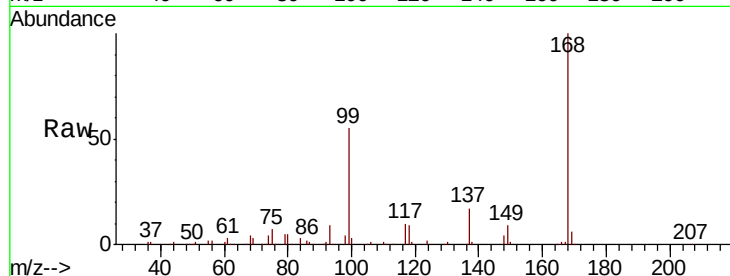
ESW

Tot Ion:168 Resp: 445078

Ion Ratio Lower Upper

168 100

99 55.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

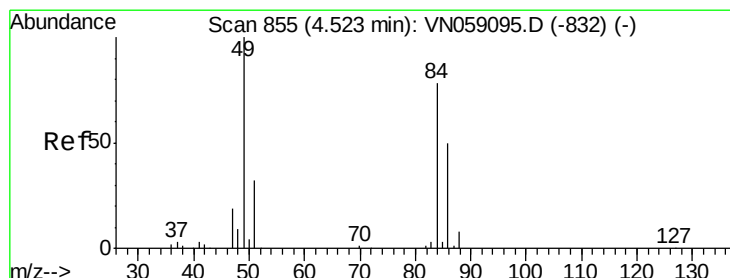
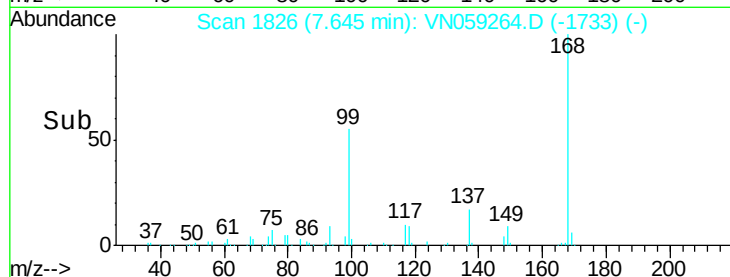
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 222.455 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059264.D

Acq: 15 Nov 2019 14:35

Tgt Ion: 84 Resp: 1102624

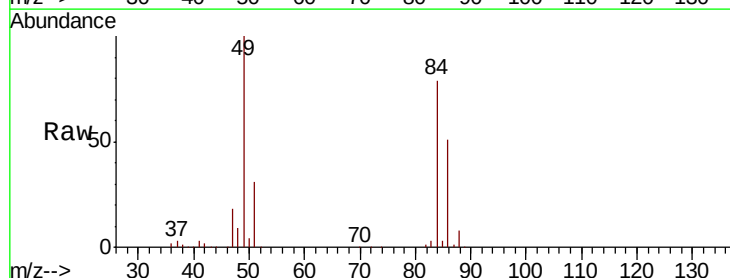
Ion Ratio Lower Upper

84 100

49 127.3 102.0 153.0

51 39.0 32.2 48.2

86 64.8 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

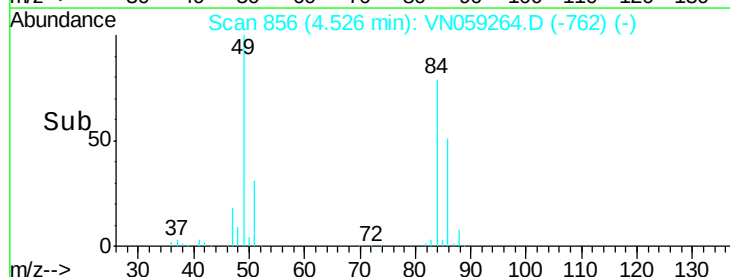
600000

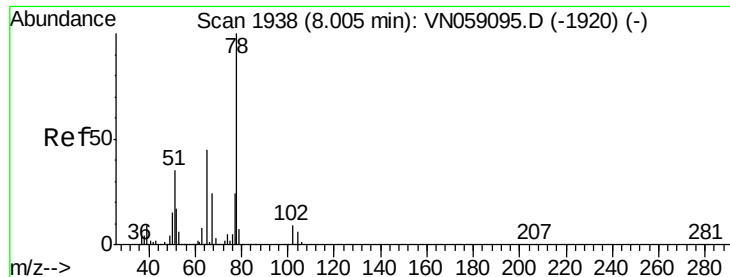
400000

200000

0

Time--> 4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 50.079 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059264.D

Acq: 15 Nov 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

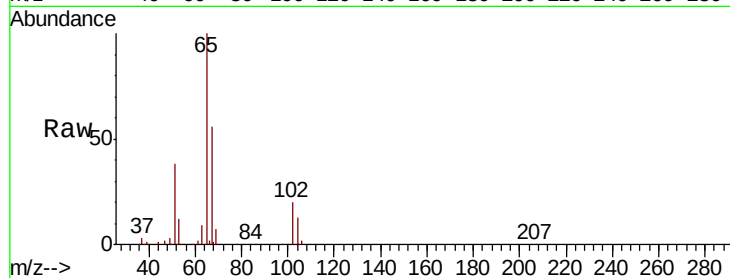
ESW

Tot Ion: 65 Resp: 273990

Ion Ratio Lower Upper

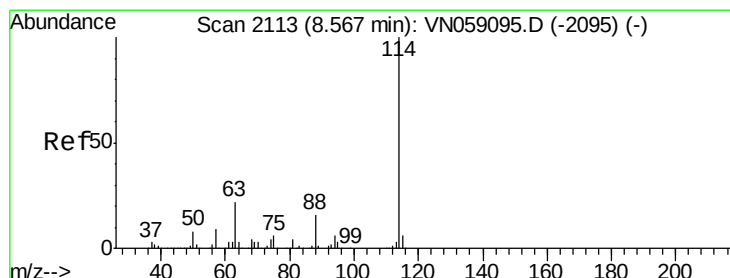
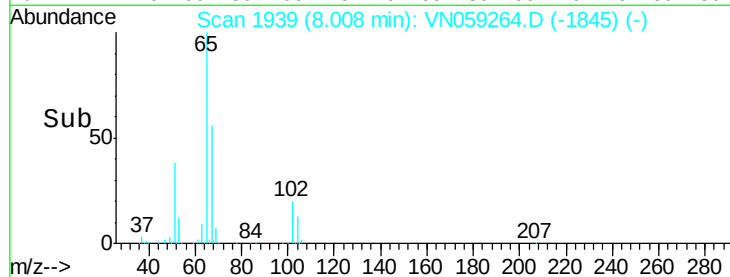
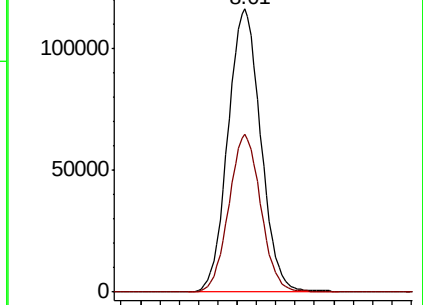
65 100

67 54.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059264.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059264.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: VN059264.D

Acq: 15 Nov 2019 14:35

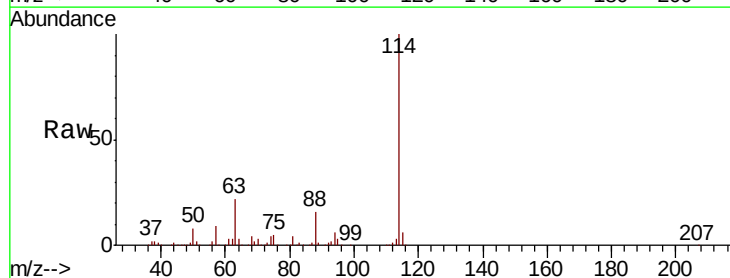
Tgt Ion: 114 Resp: 688951

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

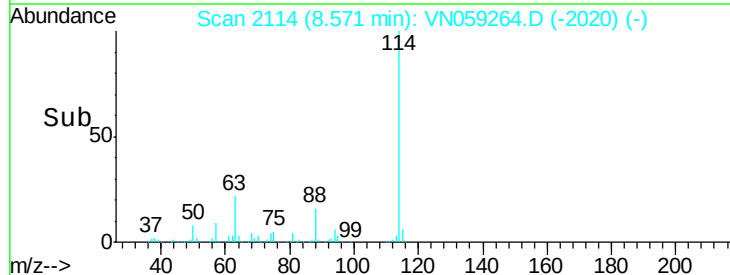
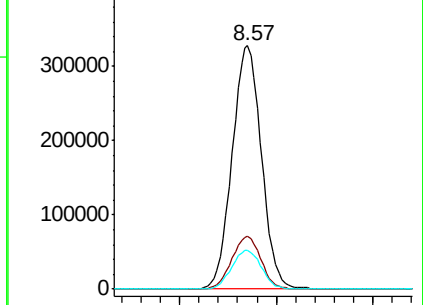
88 15.8 0.0 32.2

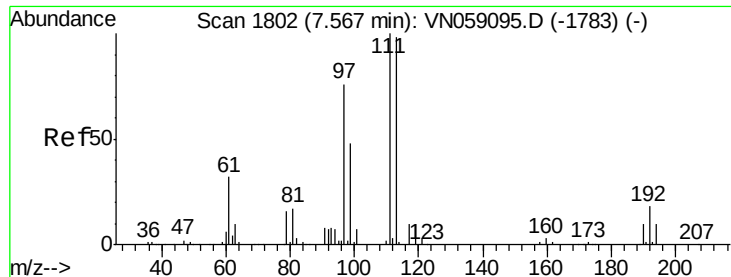


Abundance Ion 113.90 (113.60 to 114.60): VN059264.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059264.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059264.D (-2020) (-)

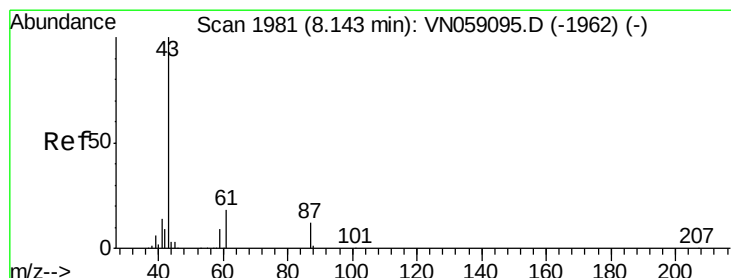
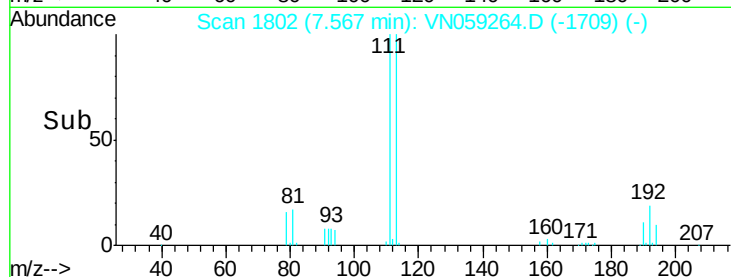
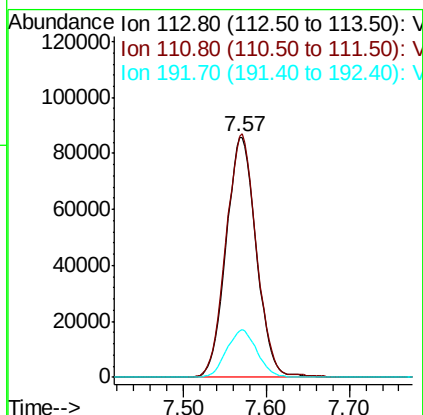
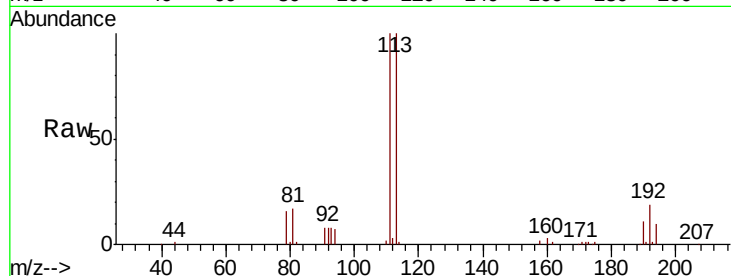




#35
 Dibromofluoromethane
 Concen: 52.671 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059264.D
 Acq: 15 Nov 2019 14:35

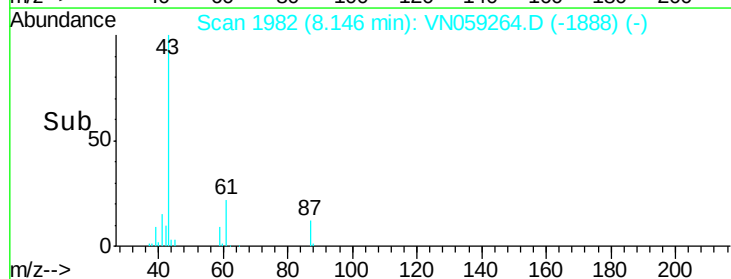
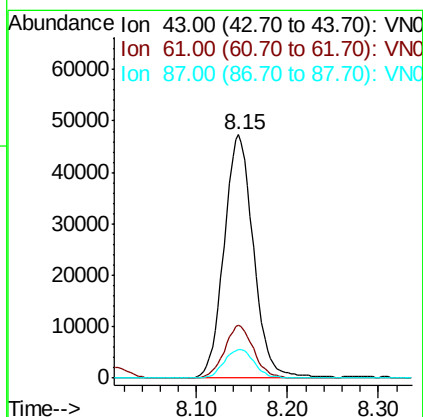
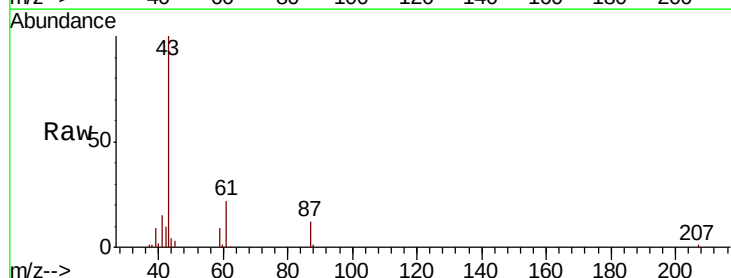
Instrument :
 MSVOA_N
 ClientSampled :
 ESW

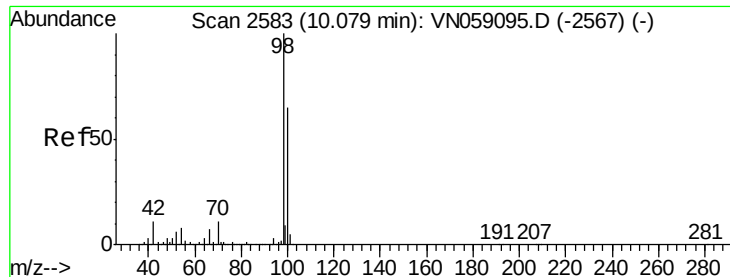
Tot Ion:113 Resp: 216675
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.8 124.2
 192 20.1 16.1 24.1



#43
 Isopropyl Acetate
 Concen: 9.313 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059264.D
 Acq: 15 Nov 2019 14:35

Tgt Ion: 43 Resp: 106368
 Ion Ratio Lower Upper
 43 100
 61 21.3 21.0 31.6
 87 12.0 9.8 14.6

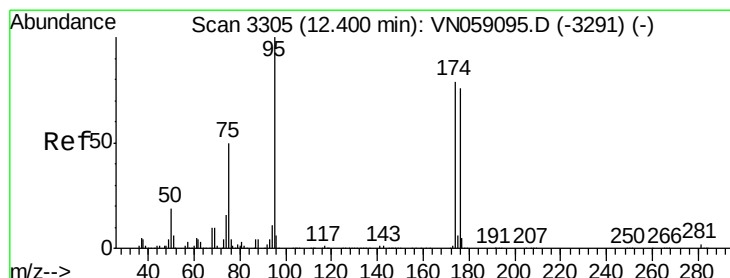
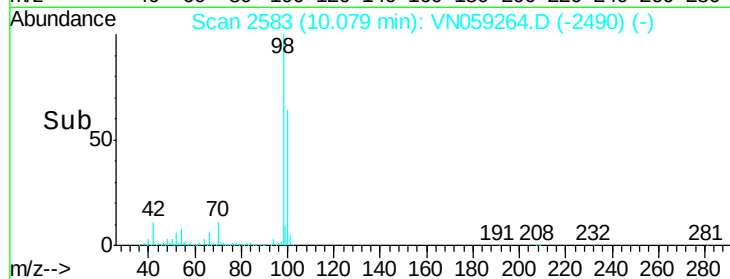
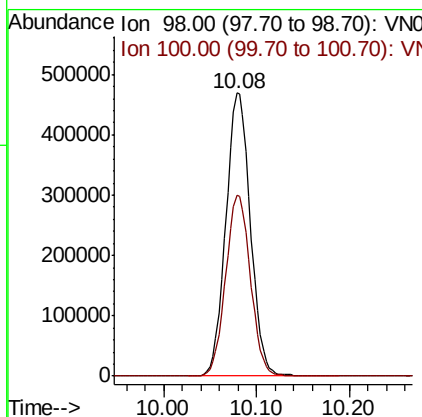
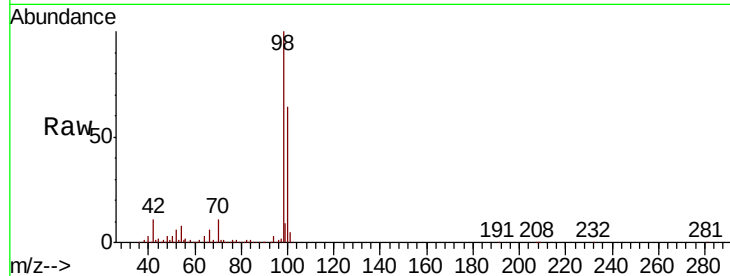




#50
Toluene-d8
Concen: 53.174 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059264.D
Acq: 15 Nov 2019 14:35

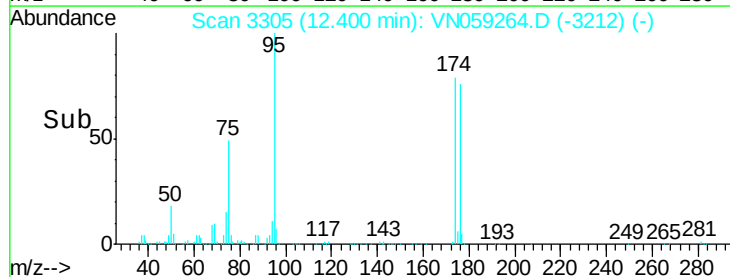
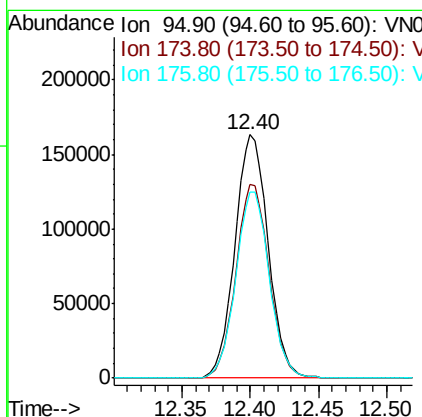
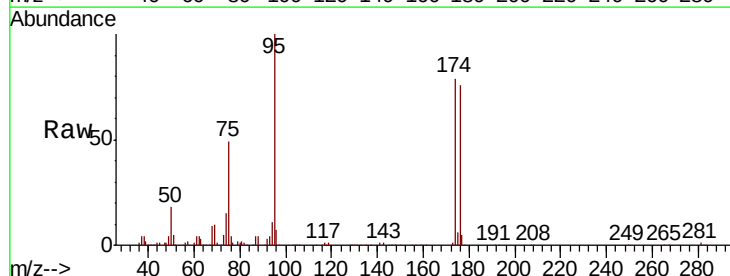
Instrument :
MSVOA_N
ClientSampled :
ESW

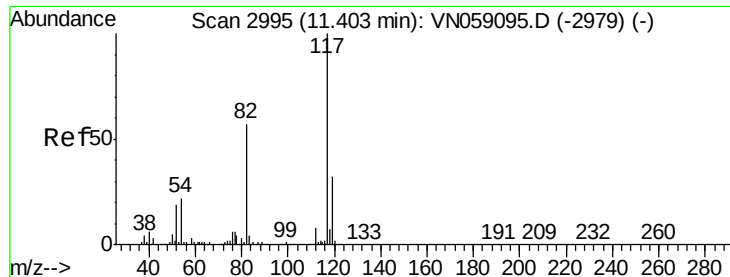
Tot Ion: 98 Resp: 861610
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.349 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059264.D
Acq: 15 Nov 2019 14:35

Tgt Ion: 95 Resp: 276628
Ion Ratio Lower Upper
95 100
174 79.8 0.0 158.2
176 77.1 0.0 151.8

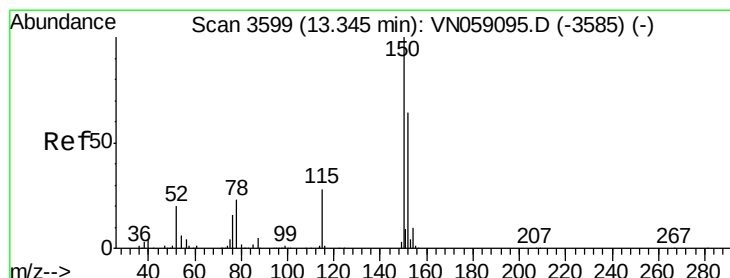
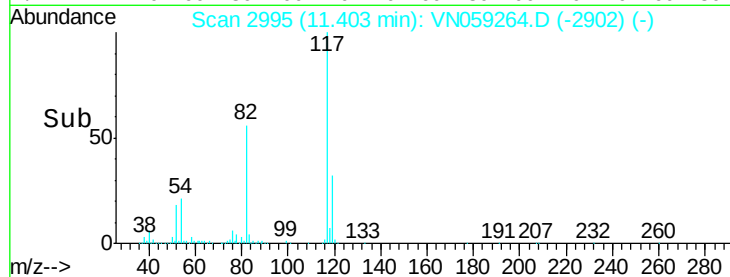
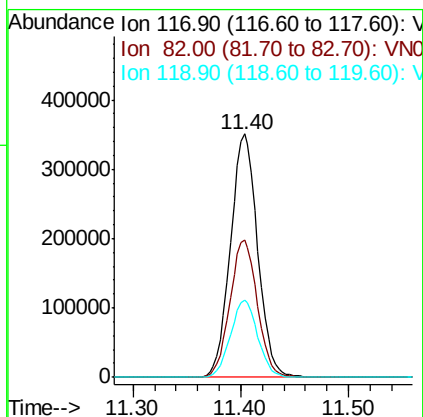
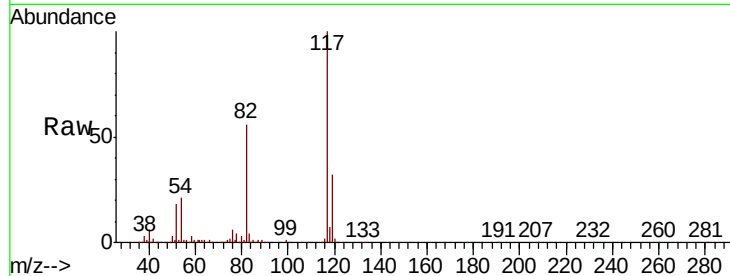




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059264.D
Acq: 15 Nov 2019 14:35

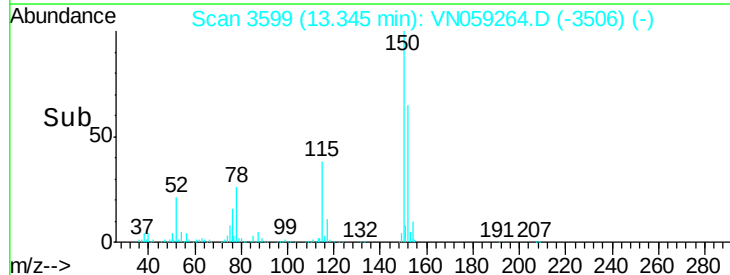
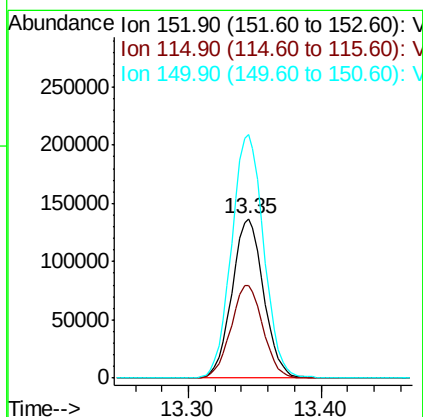
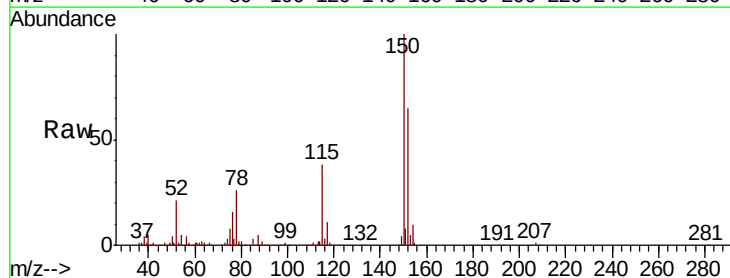
Instrument :
MSVOA_N
ClientSampled :
ESW

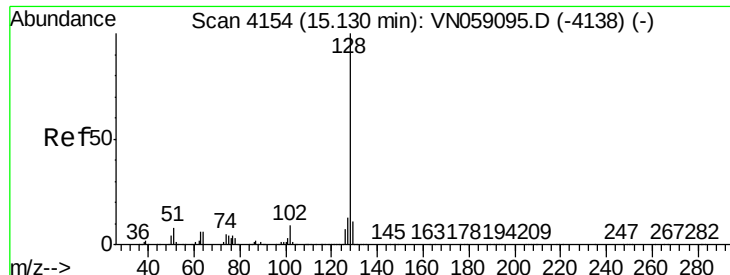
Tot Ion:117 Resp: 617742
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.8
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059264.D
Acq: 15 Nov 2019 14:35

Tgt Ion:152 Resp: 227326
Ion Ratio Lower Upper
152 100
115 58.8 29.4 88.2
150 154.9 0.0 345.8





#95

Naphthalene

Concen: 3.618 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059264.D

Acq: 15 Nov 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

ESW

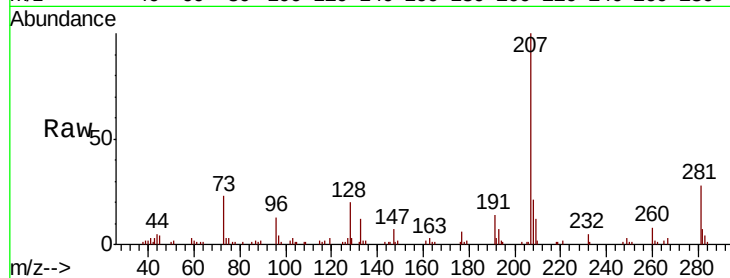
Tot Ion:128 Resp: 7186

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.0 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

