

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058362.D
 Acq On : 25 Sep 2019 13:20
 Operator : JC/SP
 Sample : K4664-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-092319

Quant Time: Sep 26 03:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

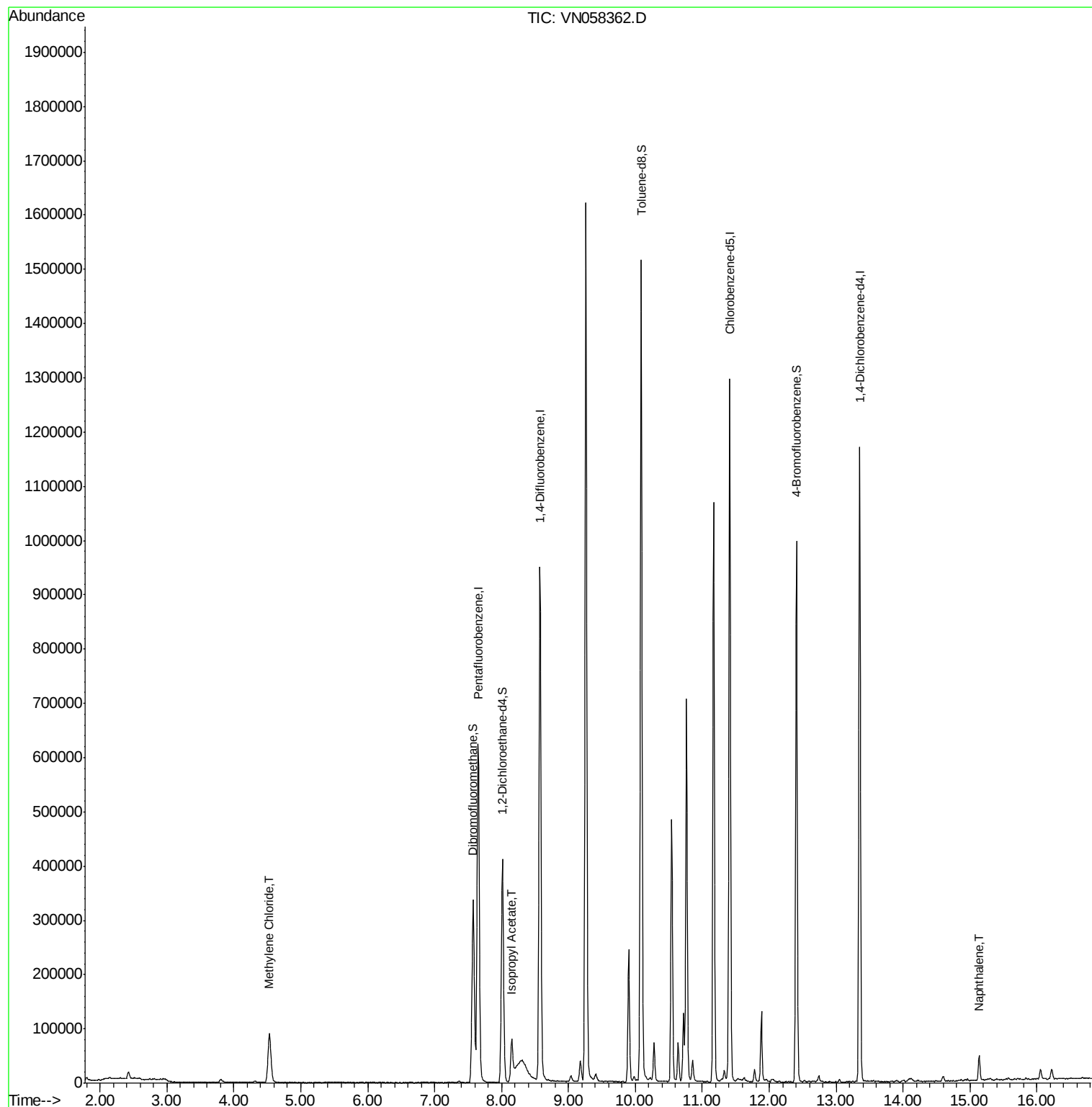
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	486262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	809680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	702484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	362080	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	7.58	113	252713	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.08	98	1042282	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.41	95	338892	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
20) Methylene Chloride	4.53	84	67521	16.628	ug/l	98
43) Isopropyl Acetate	8.15	43	104136	9.202	ug/l #	91
95) Naphthalene	15.14	128	37000	2.633	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

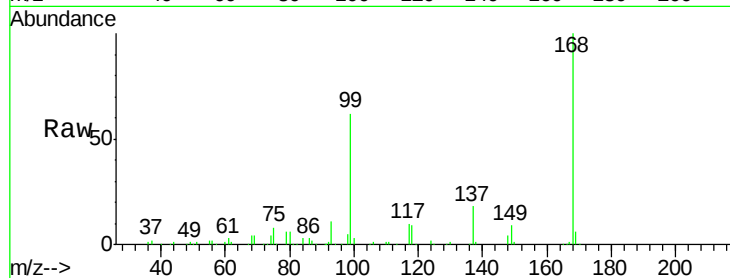
OR-03-092319

Tot Ion:168 Resp: 486262

Ion Ratio Lower Upper

168 100

99 62.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

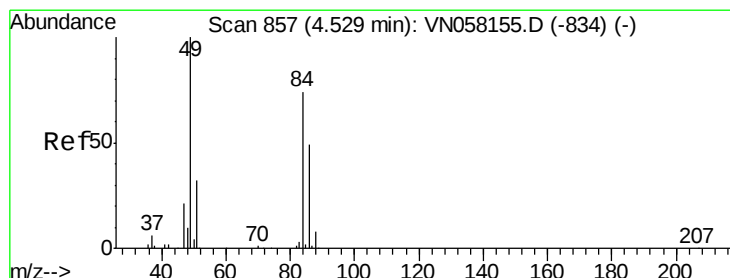
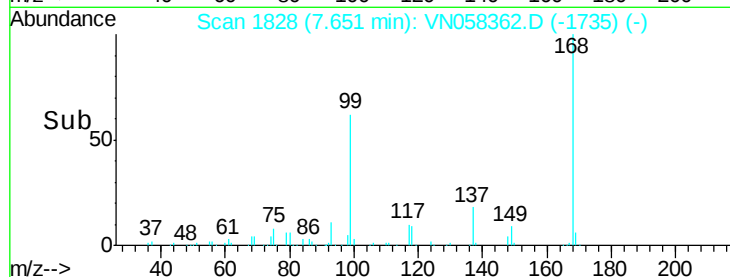
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 16.628 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Tgt Ion: 84 Resp: 67521

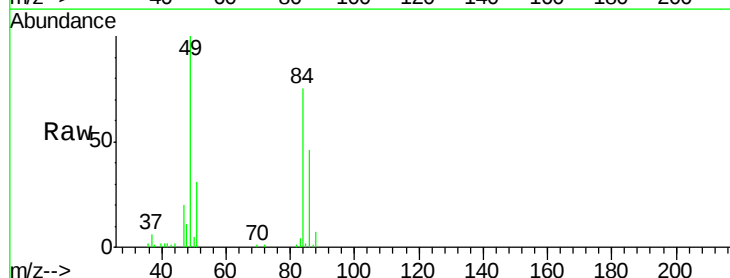
Ion Ratio Lower Upper

84 100

49 132.8 107.5 161.3

51 41.7 33.9 50.9

86 61.5 52.4 78.6



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

40000

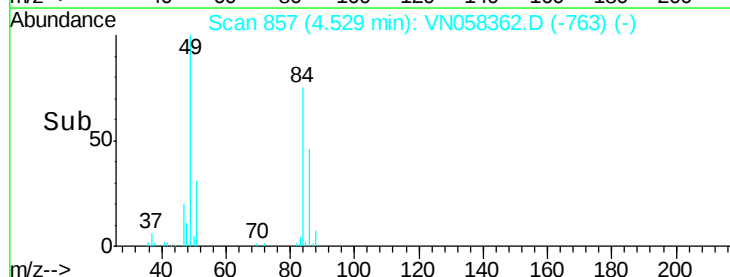
30000

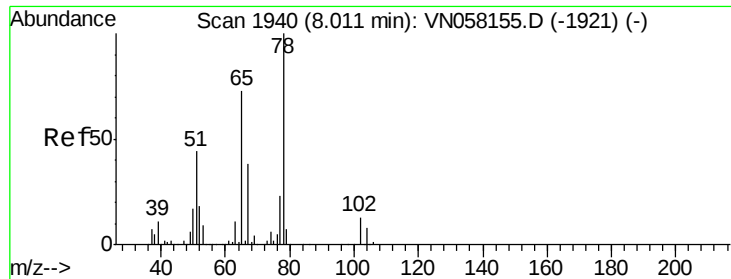
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Time-->

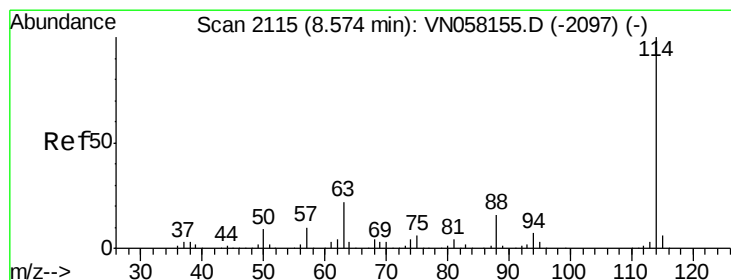
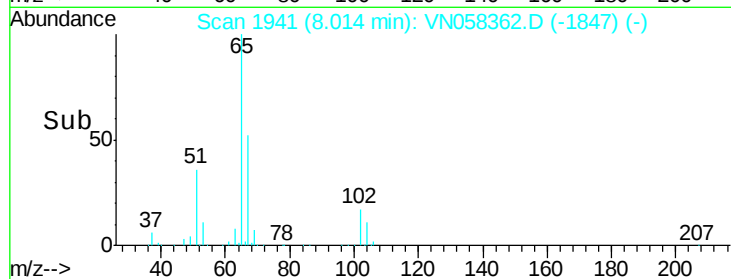
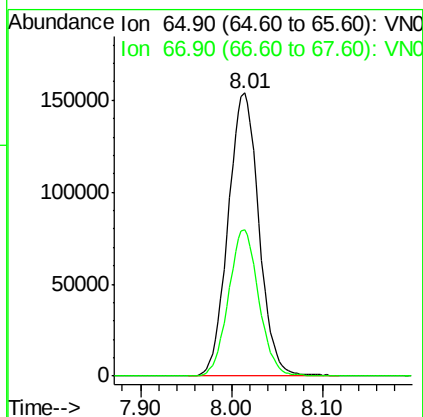
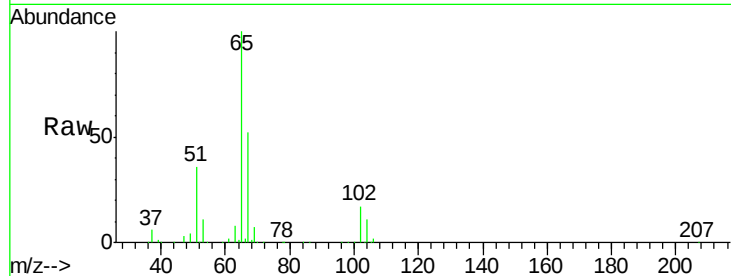




#33
 1,2-Dichloroethane-d4
 Concen: 53.462 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058362.D
 Acq: 25 Sep 2019 13:20

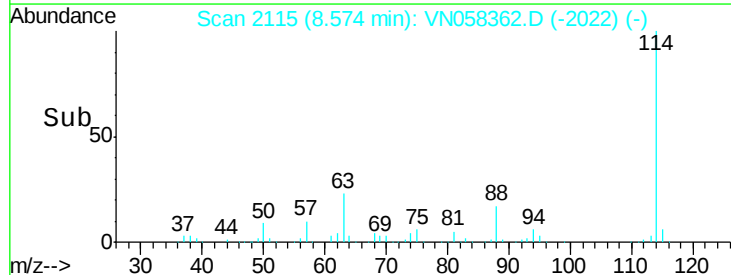
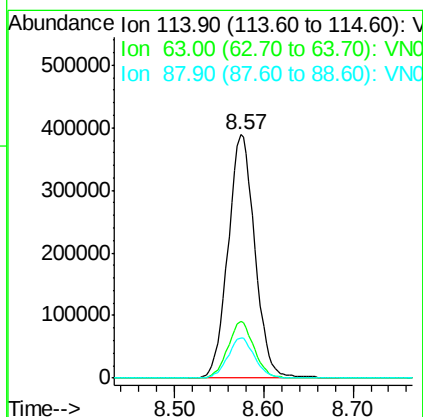
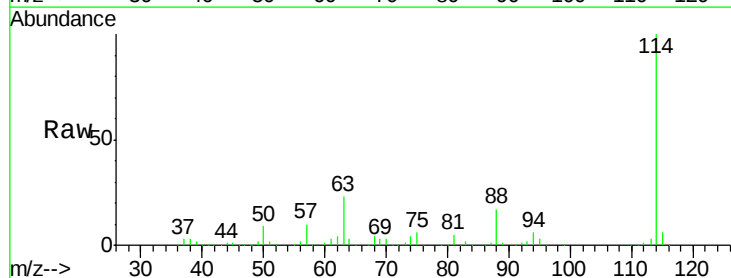
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-092319

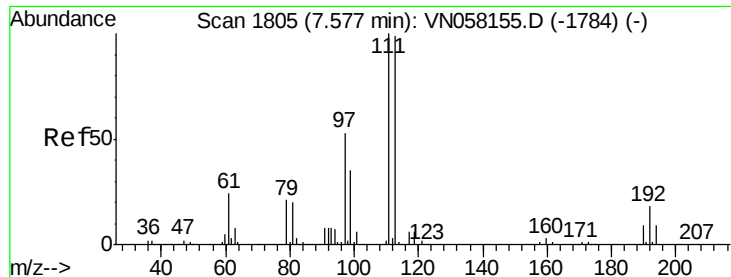
Tot Ion: 65 Resp: 362080
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058362.D
 Acq: 25 Sep 2019 13:20

Tgt Ion: 114 Resp: 809680
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 44.2
 88 16.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.342 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampled :

OR-03-092319

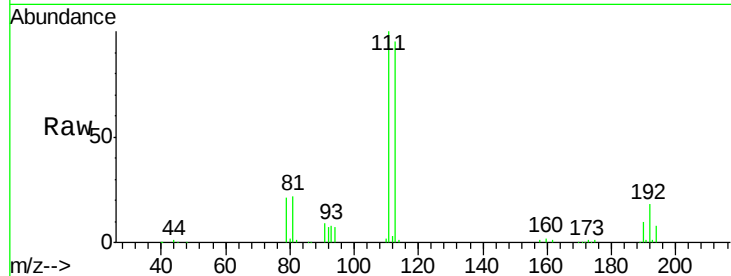
Tot Ion:113 Resp: 252713

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

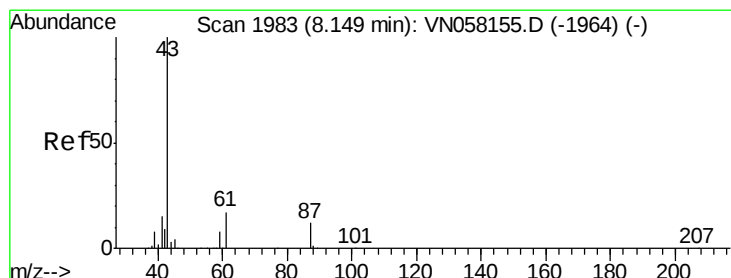
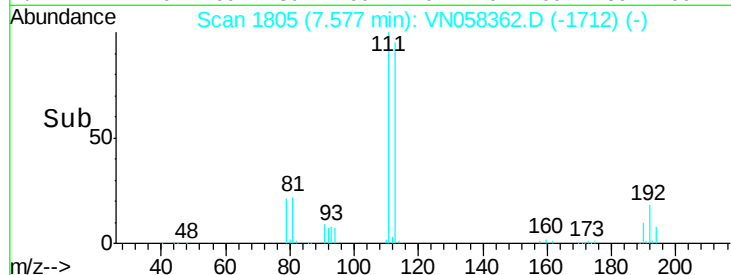
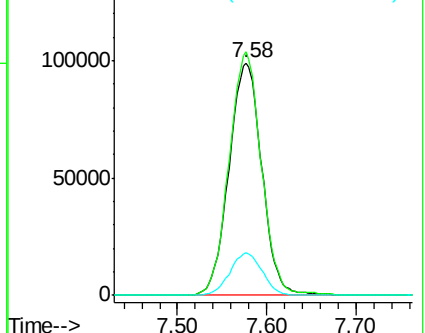
192 18.1 14.5 21.7



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



#43

Isopropyl Acetate

Concen: 9.202 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

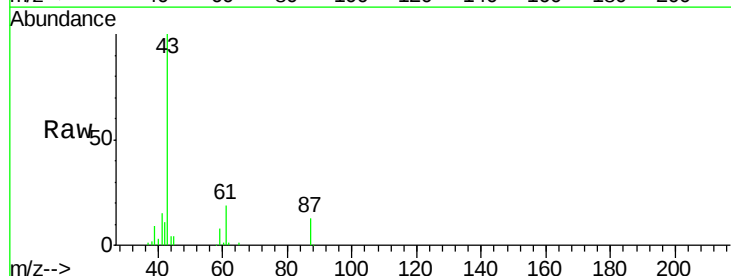
Tgt Ion: 43 Resp: 104136

Ion Ratio Lower Upper

43 100

61 18.1 19.7 29.5#

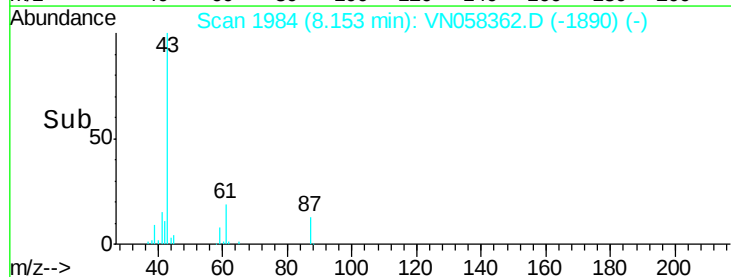
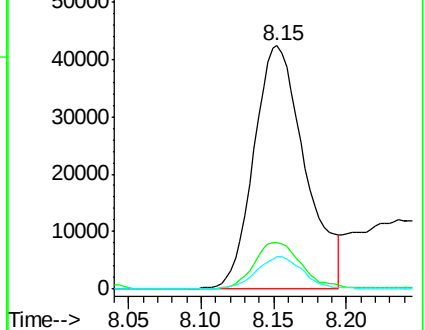
87 12.1 9.4 14.2

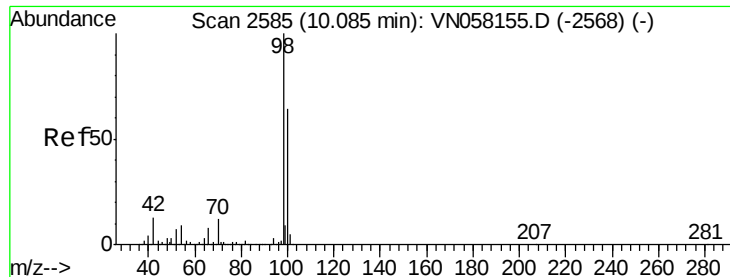


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 54.348 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

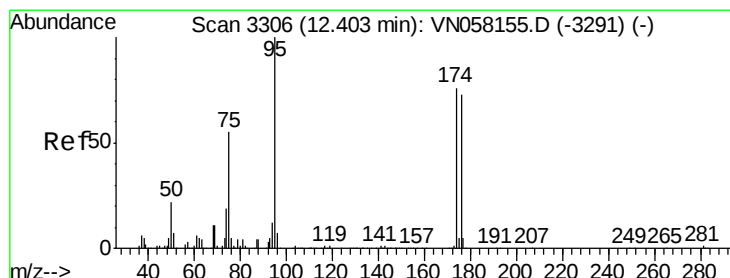
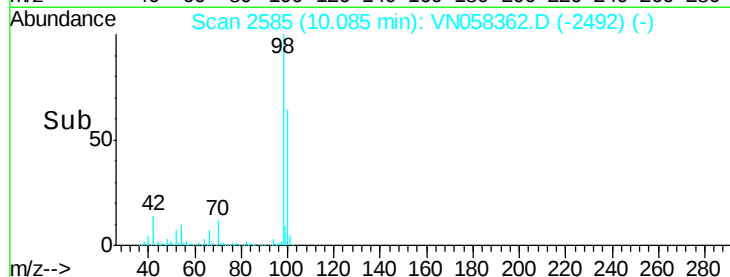
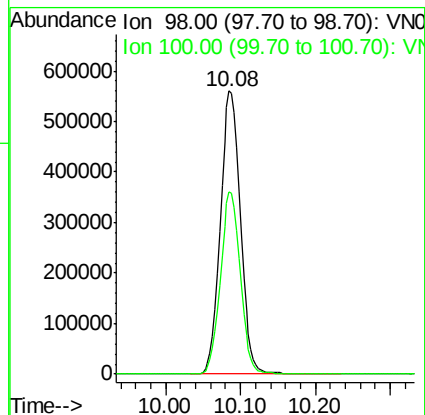
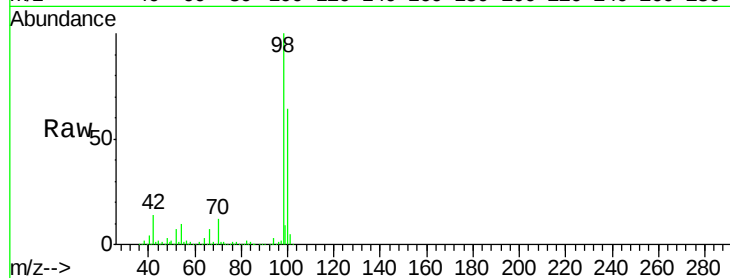
OR-03-092319

Tot Ion: 98 Resp: 1042282

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 47.572 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

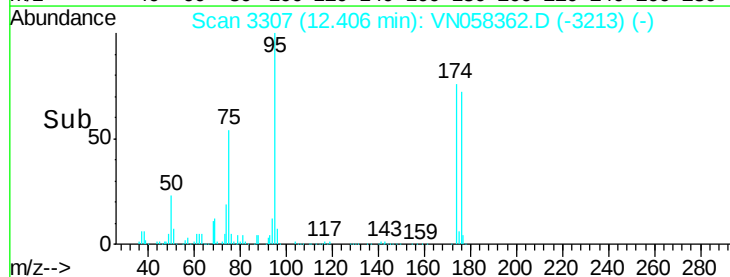
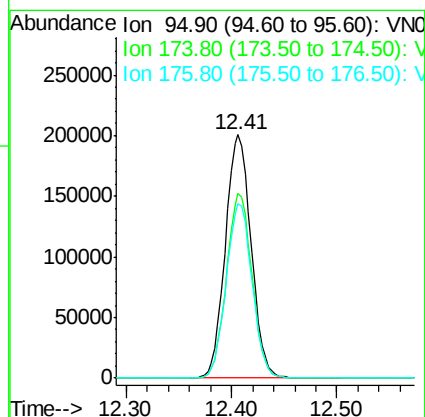
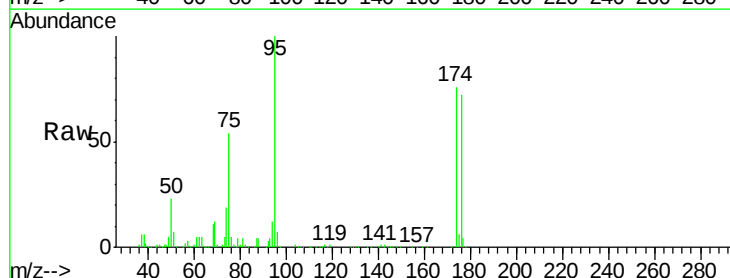
Tgt Ion: 95 Resp: 338892

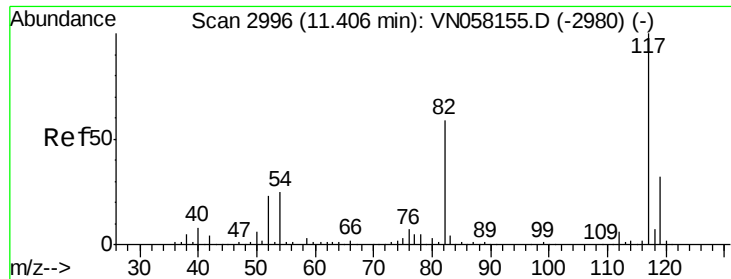
Ion Ratio Lower Upper

95 100

174 75.4 0.0 152.2

176 72.2 0.0 148.0

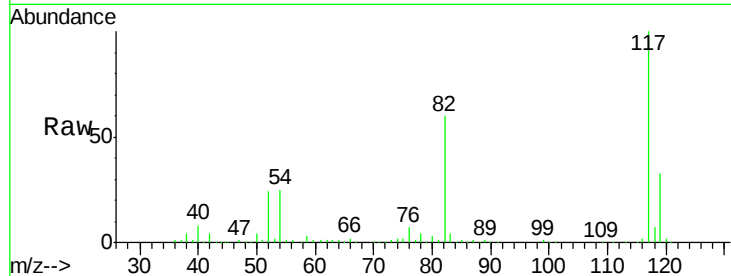




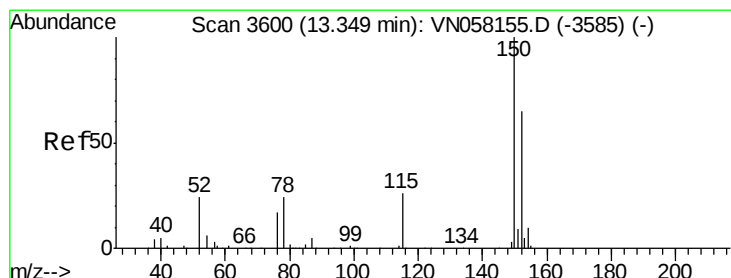
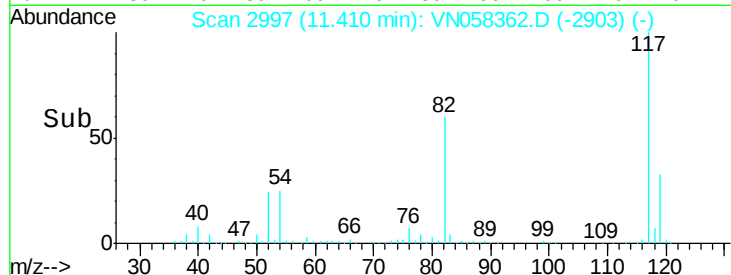
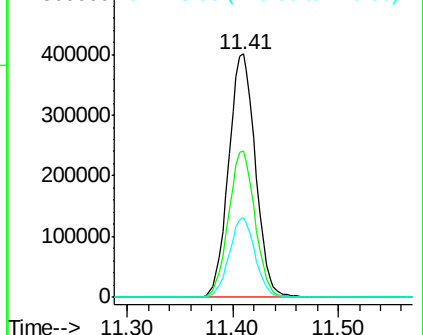
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058362.D
Acq: 25 Sep 2019 13:20

Instrument :
MSVOA_N
ClientSampled :
OR-03-092319

Tot Ion:117 Resp: 702484
Ion Ratio Lower Upper
117 100
82 60.2 46.9 70.3
119 32.5 25.3 37.9

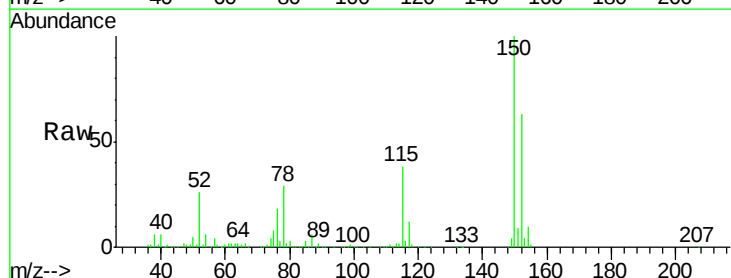


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

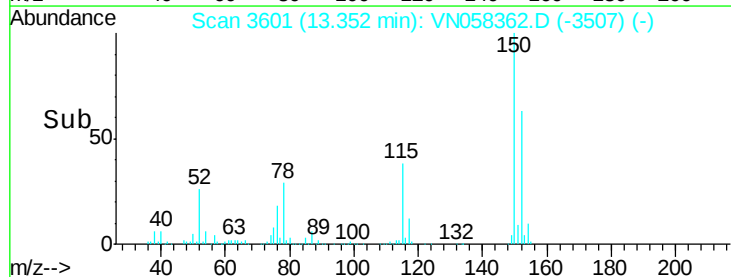
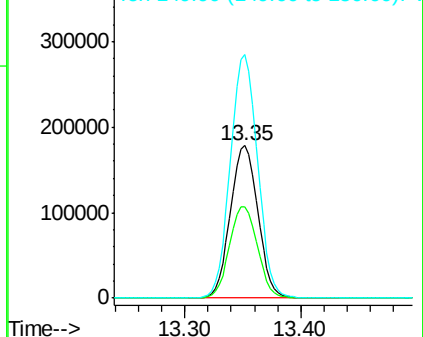


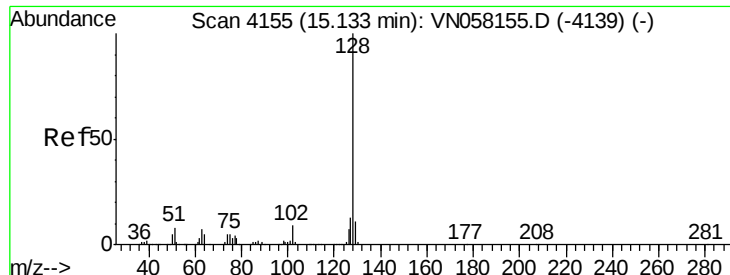
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058362.D
Acq: 25 Sep 2019 13:20

Tgt Ion:152 Resp: 294225
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 157.5 0.0 346.4



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





#95

Naphthalene

Concen: 2.633 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058362.D

Acq: 25 Sep 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

OR-03-092319

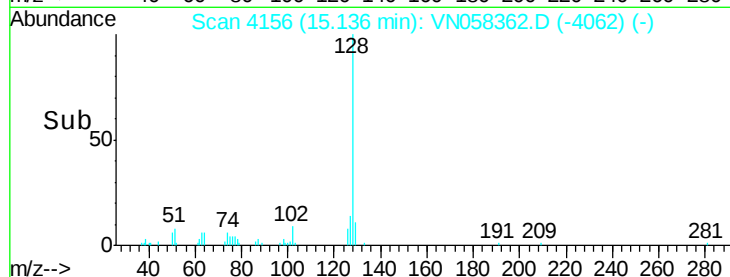
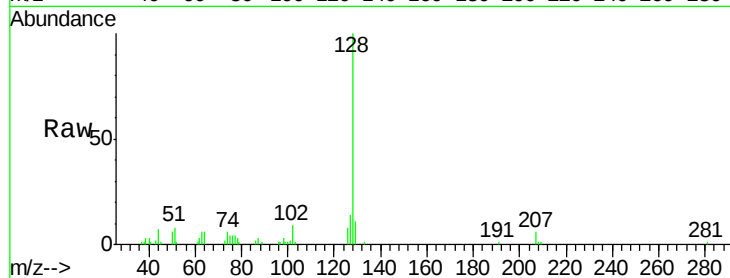
Tot Ion:128 Resp: 37000

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 11.7 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

