

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058175.D
 Acq On : 18 Sep 2019 20:12
 Operator : JC/SP
 Sample : K4931-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 290-371

Quant Time: Sep 19 16:50:15 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

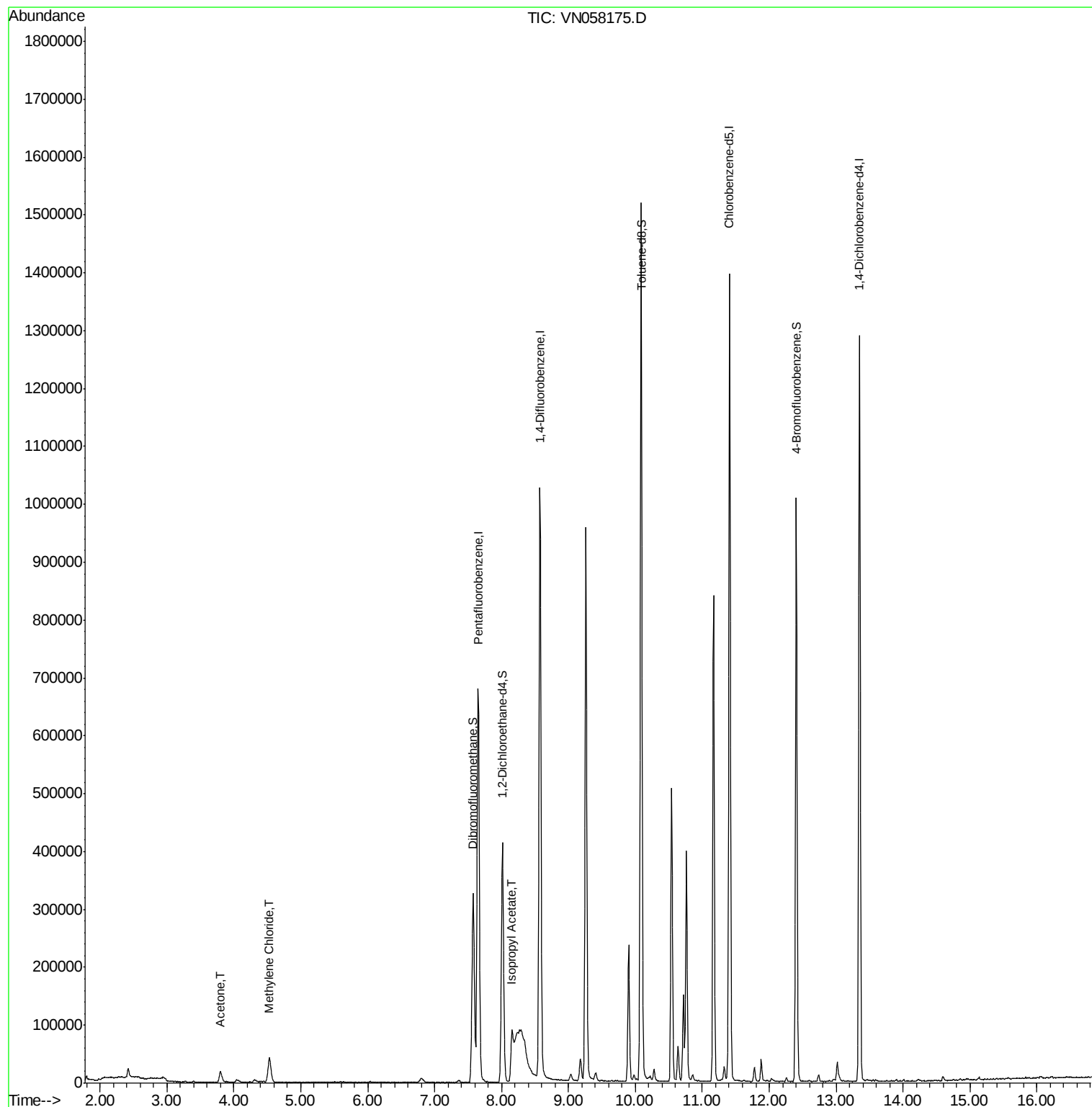
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	534479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	880302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	764441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	361066	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	7.58	113	247961	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
50) Toluene-d8	10.09	98	1045734	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	339030	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
Target Compounds						
16) Acetone	3.80	43	32796	12.979	ug/l	96
20) Methylene Chloride	4.53	84	30781	6.766	ug/l	99
43) Isopropyl Acetate	8.16	43	124957	10.156	ug/l #	82

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

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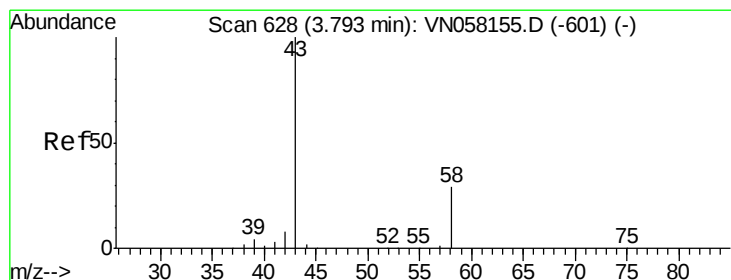
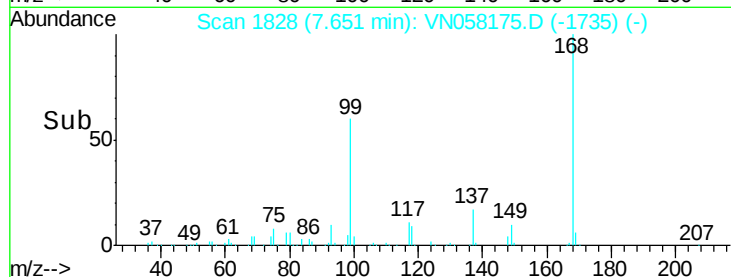
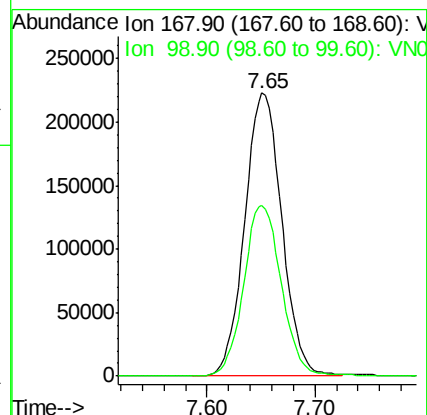
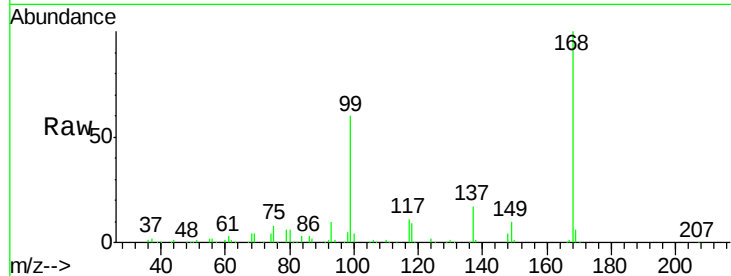




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058175.D
Acq: 18 Sep 2019 20:12

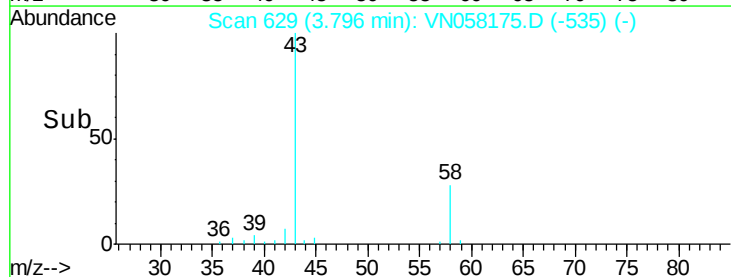
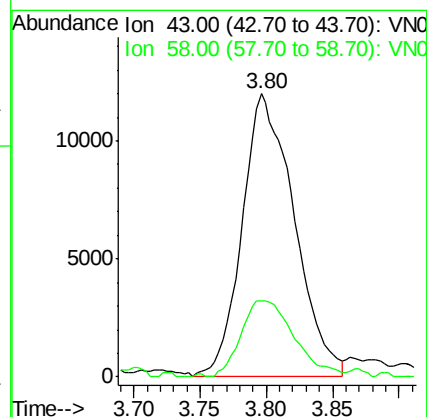
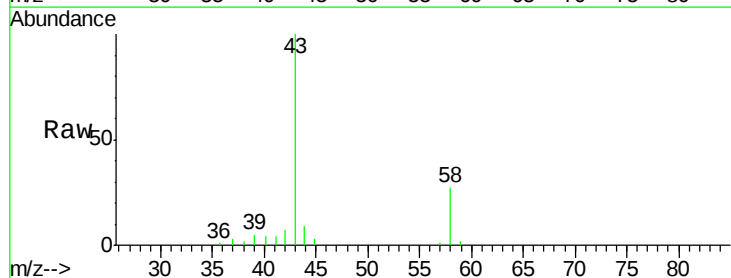
Instrument :
MSVOA_N
ClientSampled :
290-371

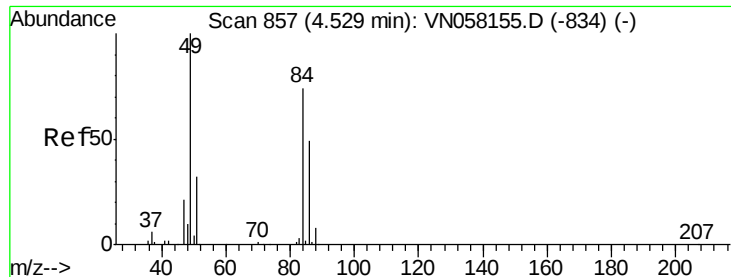
Tot Ion:168 Resp: 534479
Ion Ratio Lower Upper
168 100
99 60.4 47.4 71.2



#16
Acetone
Concen: 12.979 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058175.D
Acq: 18 Sep 2019 20:12

Tgt Ion: 43 Resp: 32796
Ion Ratio Lower Upper
43 100
58 27.0 23.4 35.2

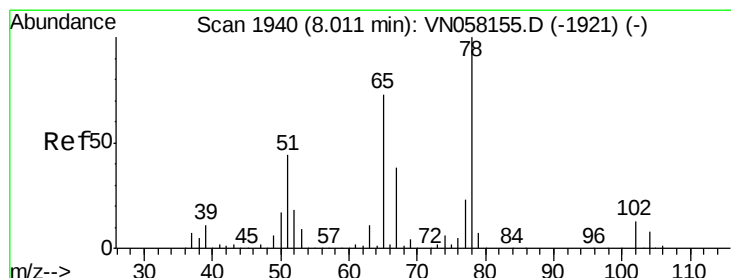
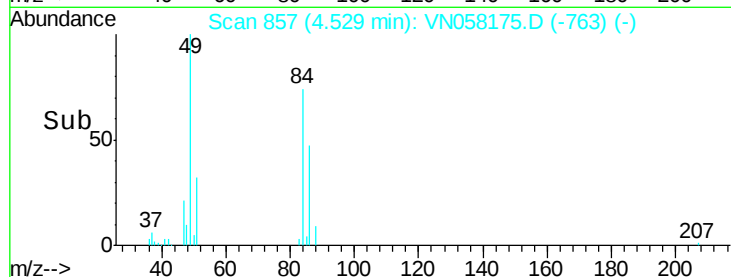
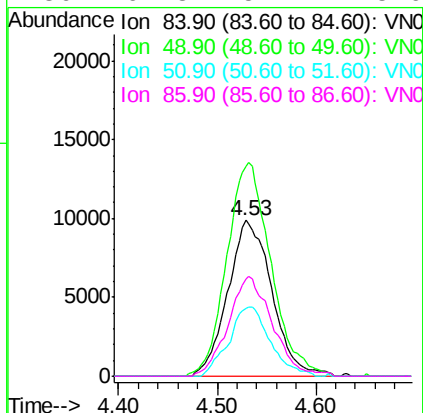
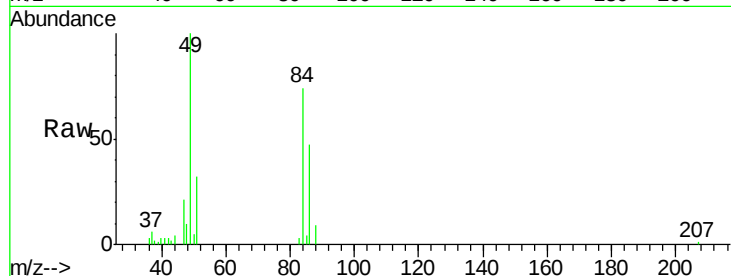




#20
Methylene Chloride
Concen: 6.766 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058175.D
Acq: 18 Sep 2019 20:12

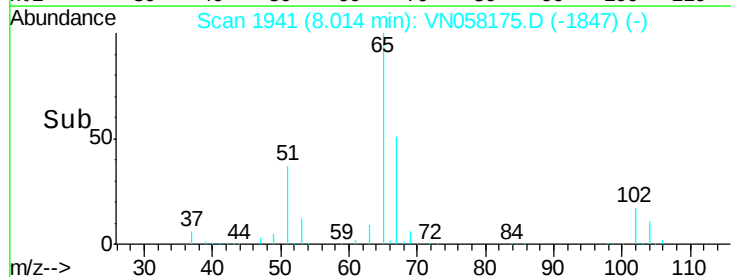
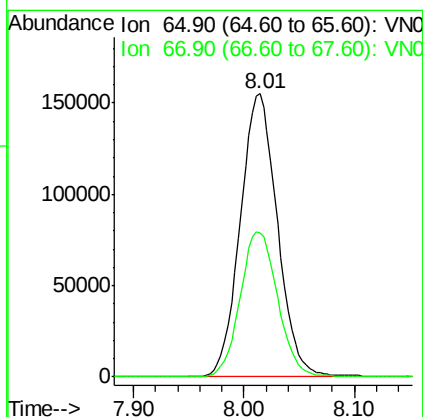
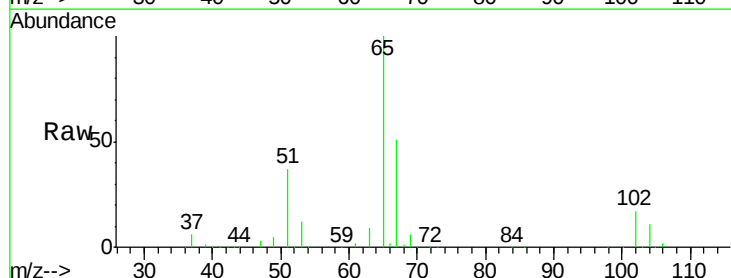
Instrument :
MSVOA_N
ClientSampleId :
290-371

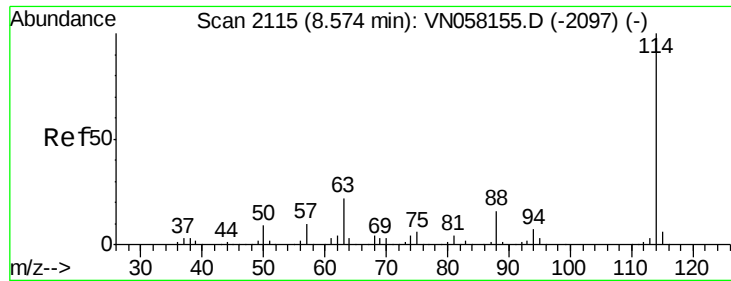
Tot Ion	84	Resp	30781
Ion	Ratio	Lower	Upper
84	100		
49	134.3	107.5	161.3
51	43.3	33.9	50.9
86	62.8	52.4	78.6



#33
1,2-Dichloroethane-d4
Concen: 48.503 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058175.D
Acq: 18 Sep 2019 20:12

Tgt Ion	65	Resp	361066
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.4

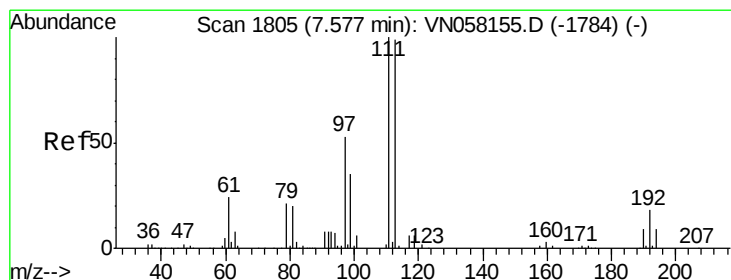
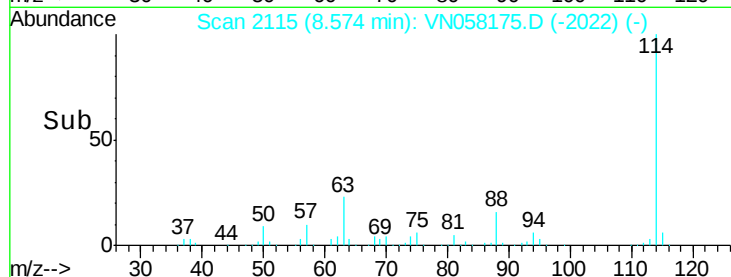
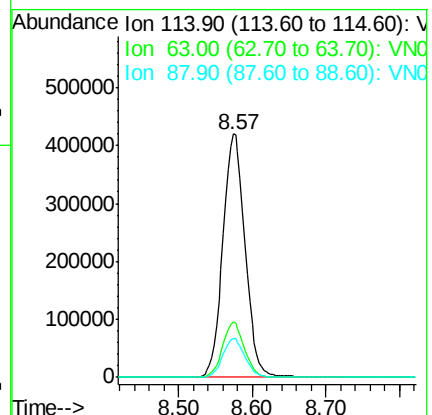
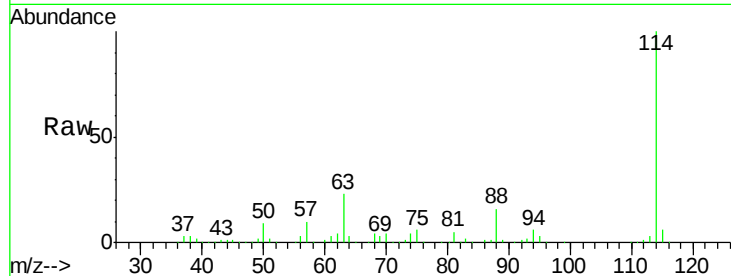




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058175.D
Acq: 18 Sep 2019 20:12

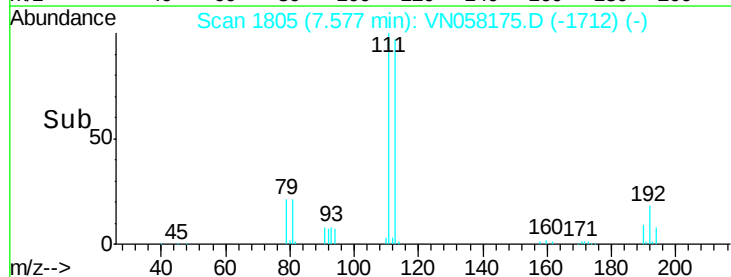
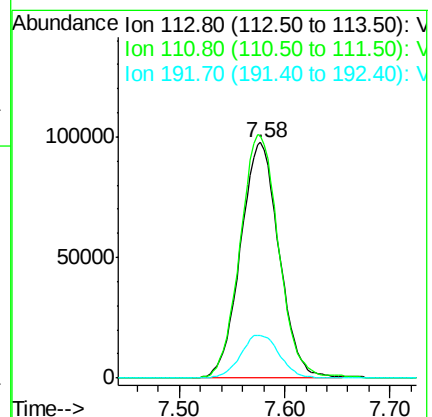
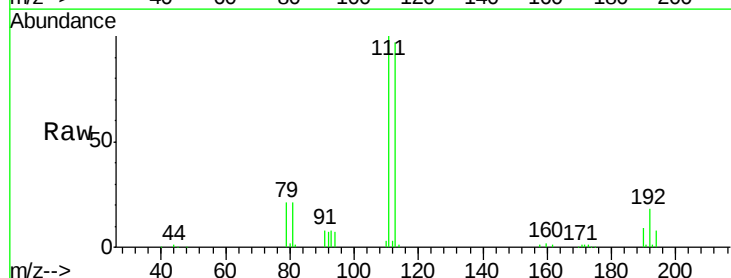
Instrument :
MSVOA_N
ClientSampled :
290-371

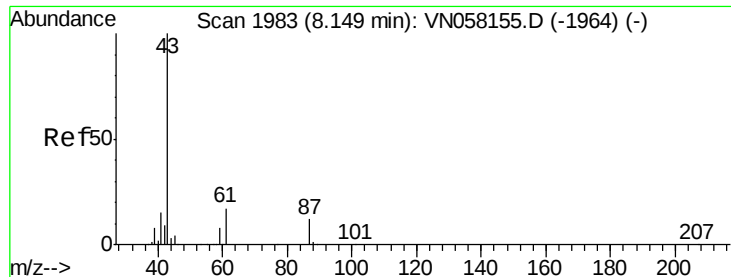
Tot Ion:114 Resp: 880302
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.2
88 16.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 46.335 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058175.D
Acq: 18 Sep 2019 20:12

Tgt Ion:113 Resp: 247961
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.6
192 18.4 14.5 21.7





#43

Isopropyl Acetate

Concen: 10.156 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058175.D

Acq: 18 Sep 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

290-371

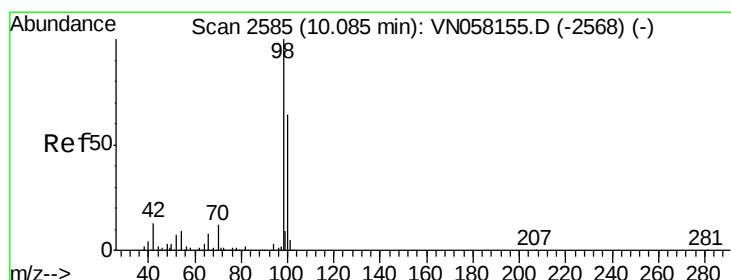
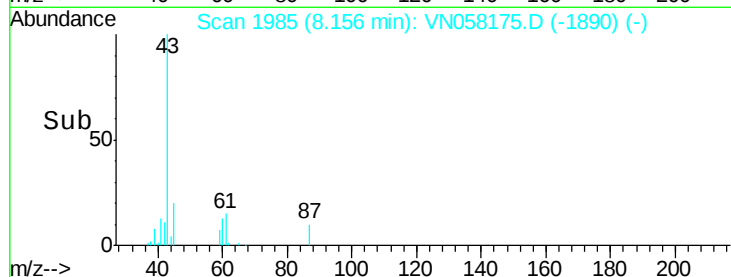
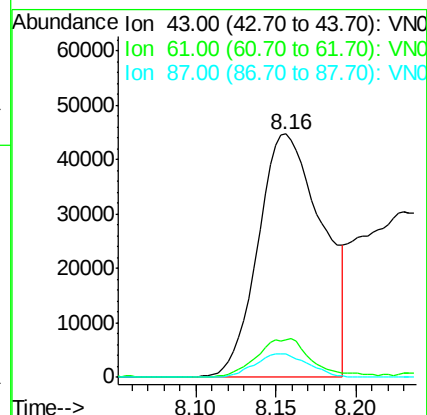
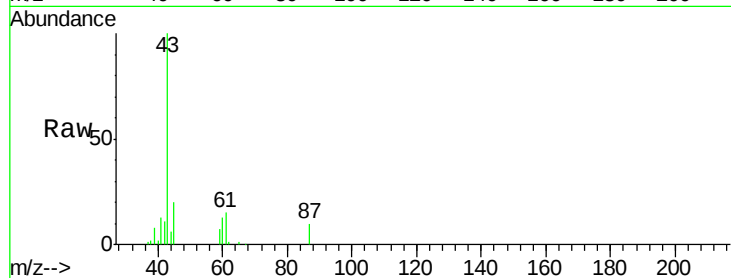
Tot Ion: 43 Resp: 124957

Ion Ratio Lower Upper

43 100

61 13.6 19.7 29.5#

87 8.0 9.4 14.2#



#50

Toluene-d8

Concen: 50.154 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058175.D

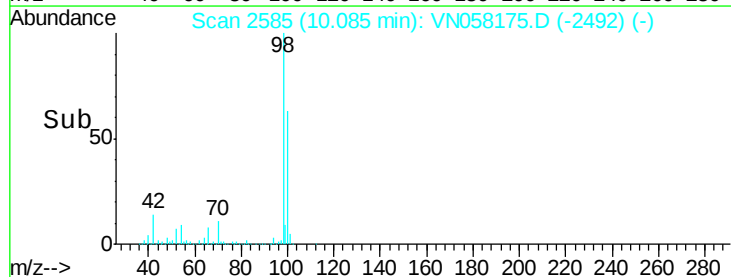
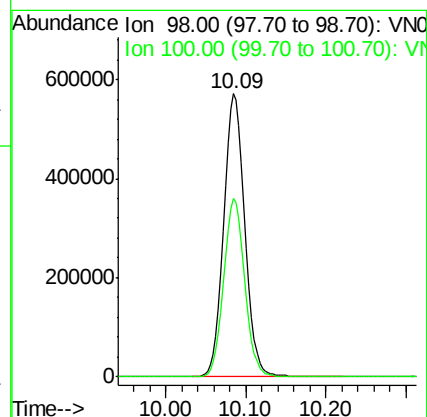
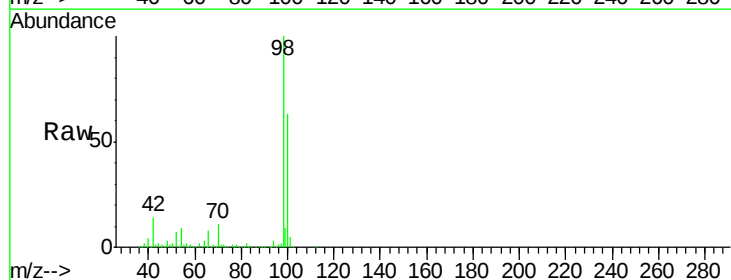
Acq: 18 Sep 2019 20:12

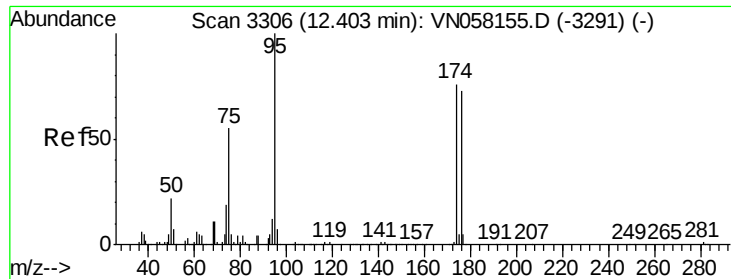
Tgt Ion: 98 Resp: 1045734

Ion Ratio Lower Upper

98 100

100 62.9 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 43.773 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058175.D

Acq: 18 Sep 2019 20:12

Instrument :

MSVOA_N

ClientSampled :

290-371

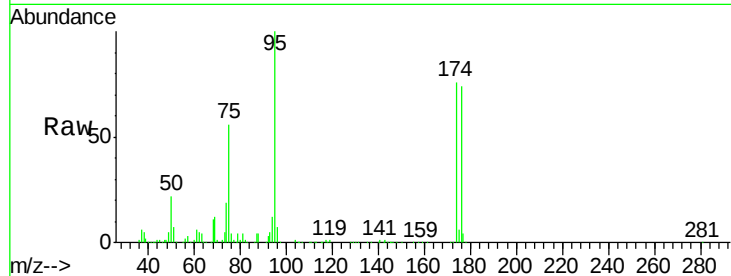
Tot Ion: 95 Resp: 339030

Ion Ratio Lower Upper

95 100

174 76.7 0.0 152.2

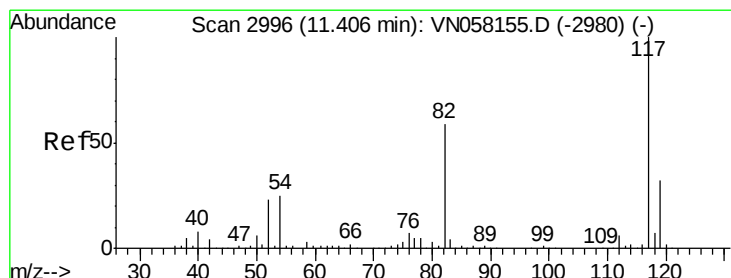
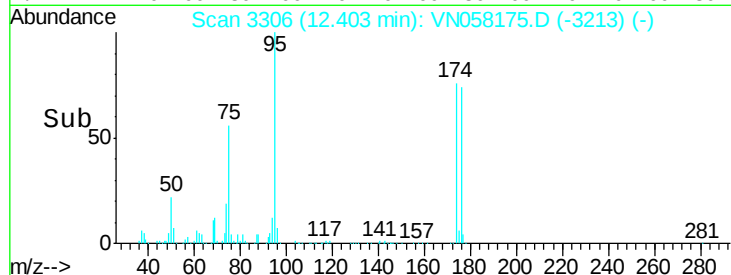
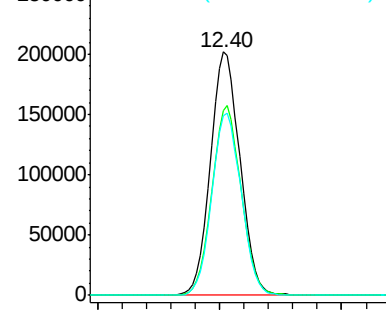
176 74.3 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058175.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058175.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058175.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058175.D

Acq: 18 Sep 2019 20:12

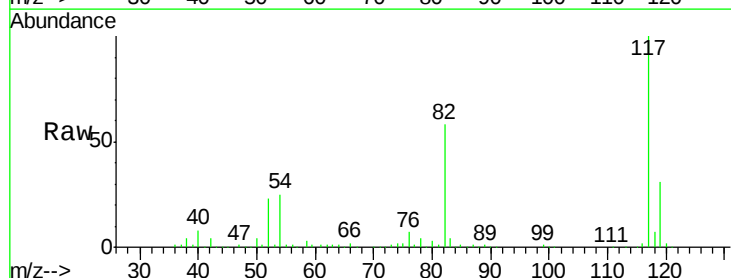
Tgt Ion: 117 Resp: 764441

Ion Ratio Lower Upper

117 100

82 57.5 46.9 70.3

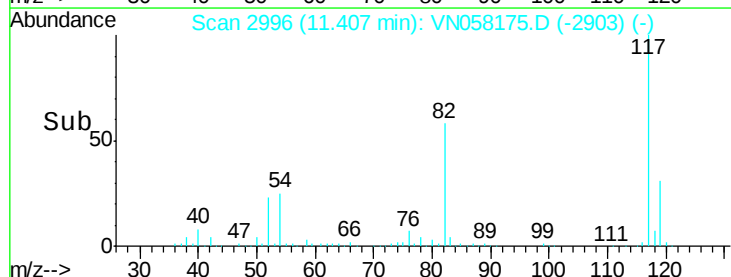
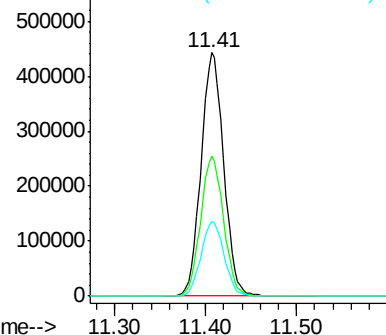
119 30.9 25.3 37.9

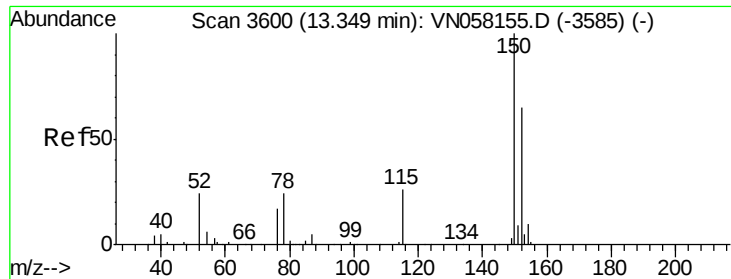


Abundance Ion 116.90 (116.60 to 117.60): VN058175.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058175.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058175.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058175.D

Acq: 18 Sep 2019 20:12

Instrument :

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290-371

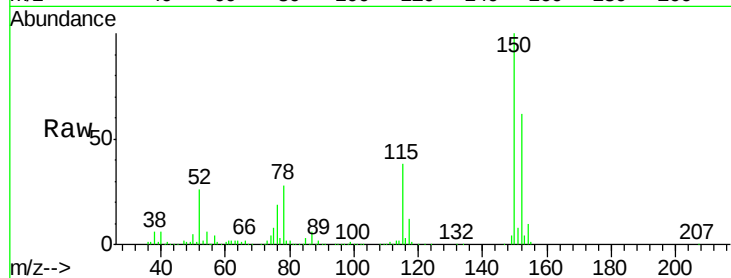
Tot Ion:152 Resp: 319988

Ion Ratio Lower Upper

152 100

115 61.7 30.1 90.3

150 159.4 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

