

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057395.D
 Acq On : 19 Aug 2019 13:06
 Operator : JC/SP
 Sample : K4339-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A3-(0)

Quant Time: Aug 20 08:03:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

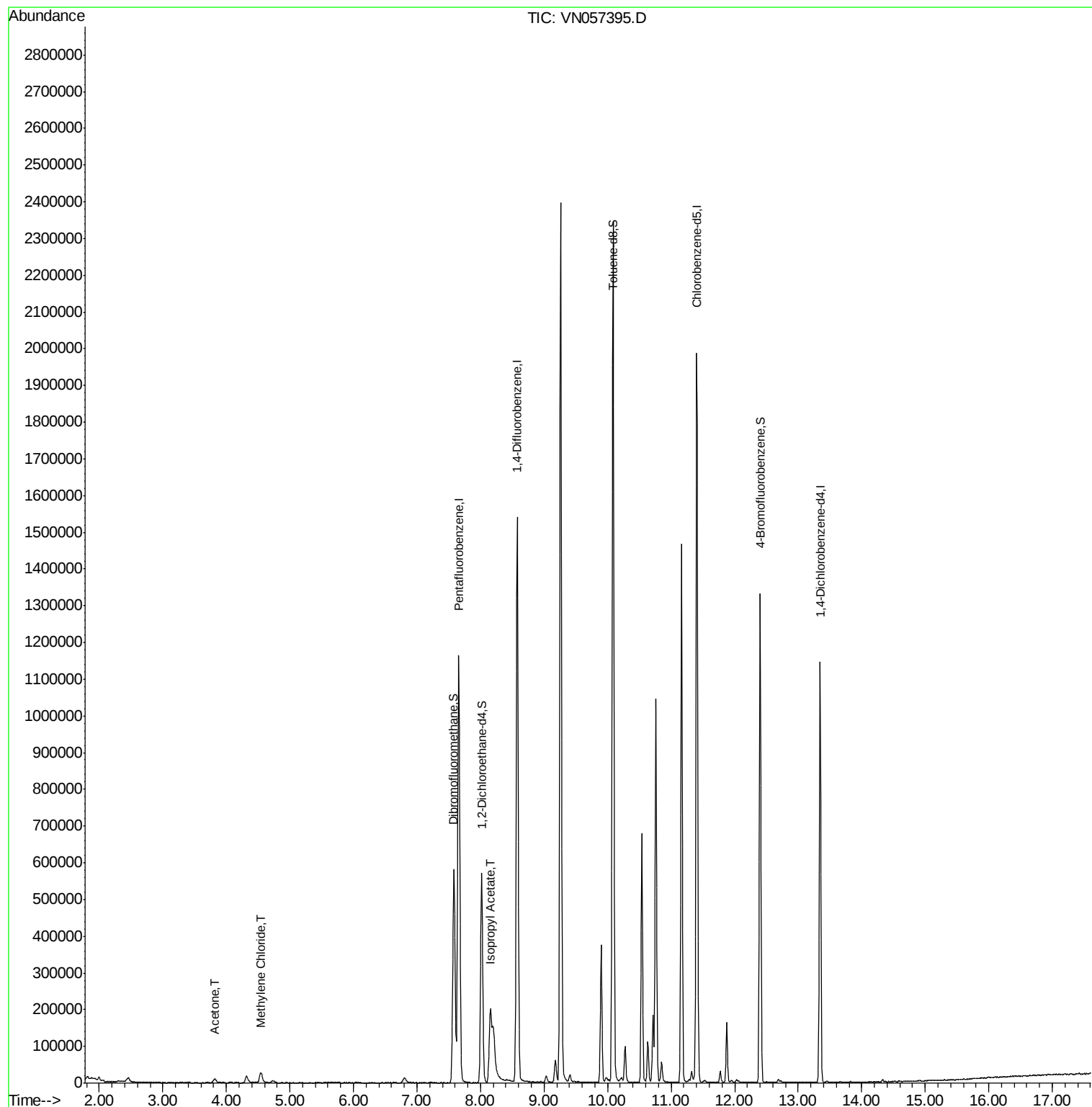
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1077667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1492644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1273920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	337354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	492494	42.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.08%	
35) Dibromofluoromethane	7.58	113	450433	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	10.09	98	1732992	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.40	95	463487	36.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.30%	
Target Compounds						
16) Acetone	3.82	43	17365	4.273	ug/l	Qvalue 100
20) Methylene Chloride	4.54	84	22898	2.014	ug/l	91
43) Isopropyl Acetate	8.16	43	253275	11.972	ug/l #	79

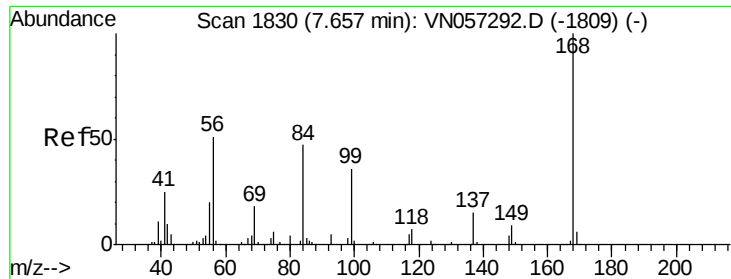
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057395.D

Acq: 19 Aug 2019 13:06

Instrument :

MSVOA_N

ClientSampled :

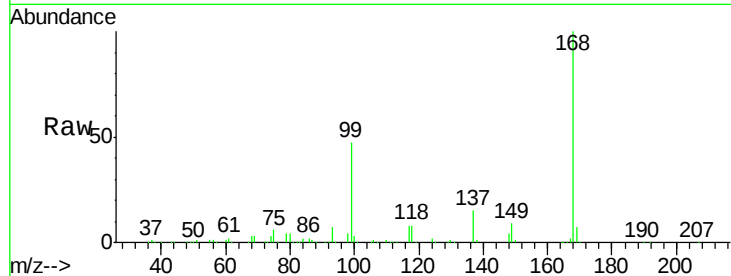
T8-A3-(0)

Tot Ion:168 Resp: 1077667

Ion Ratio Lower Upper

168 100

99 46.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

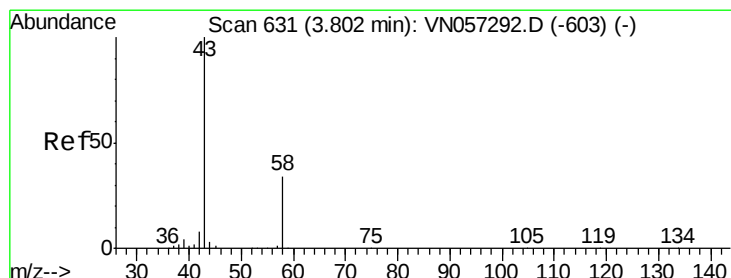
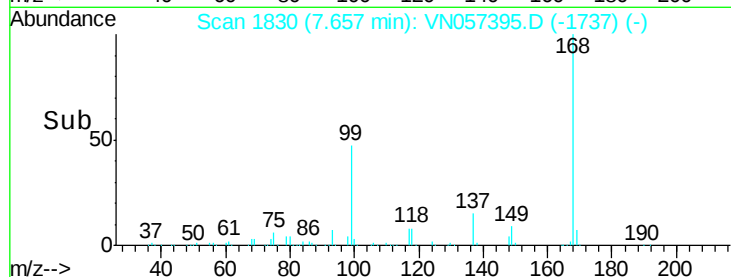
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.273 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN057395.D

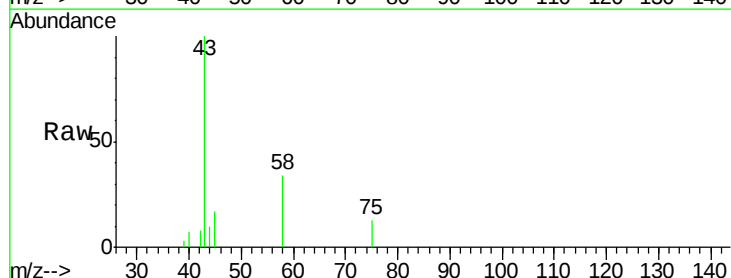
Acq: 19 Aug 2019 13:06

Tgt Ion: 43 Resp: 17365

Ion Ratio Lower Upper

43 100

58 33.7 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

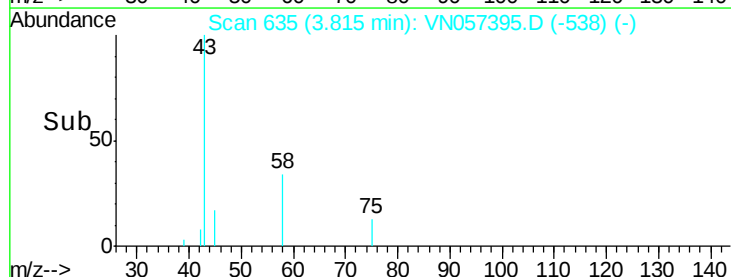
6000

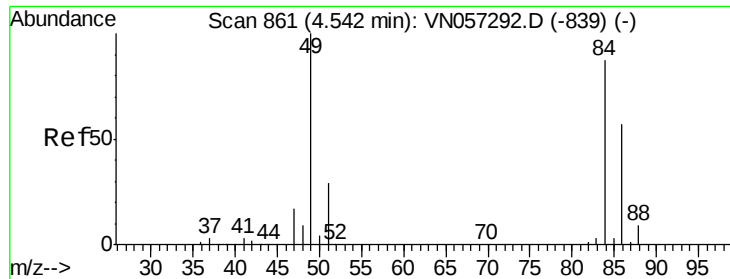
4000

2000

0

Time-->

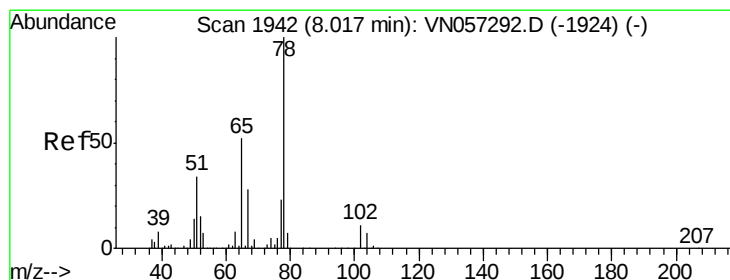
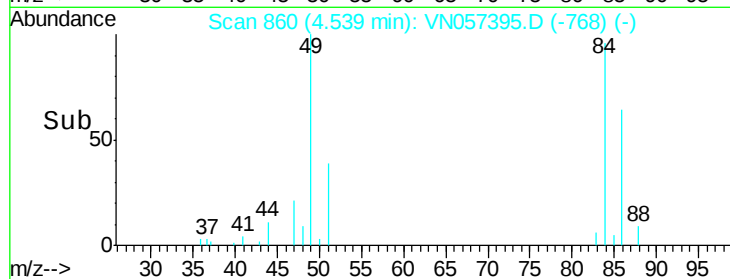
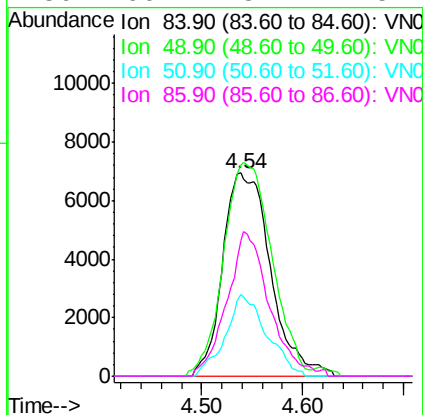
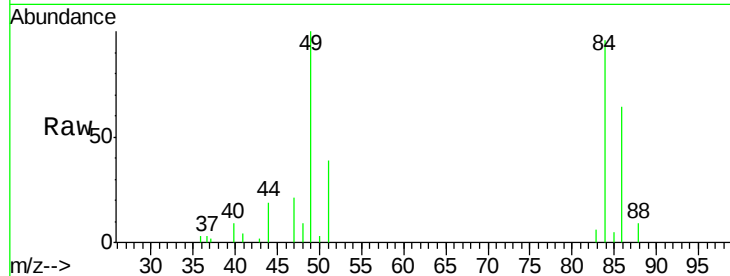




#20
Methvlene Chloride
Concen: 2.014 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN057395.D
Acq: 19 Aug 2019 13:06

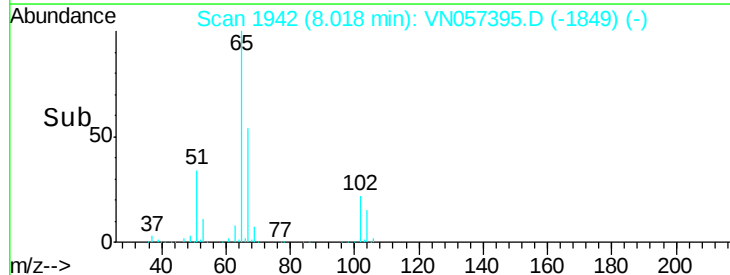
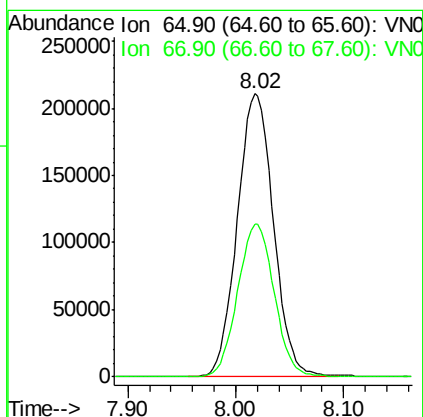
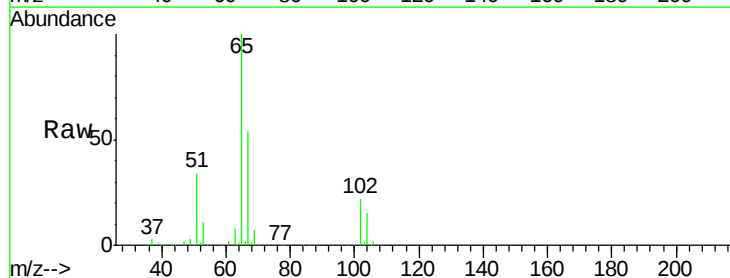
Instrument :
MSVOA_N
ClientSampled :
T8-A3-(0)

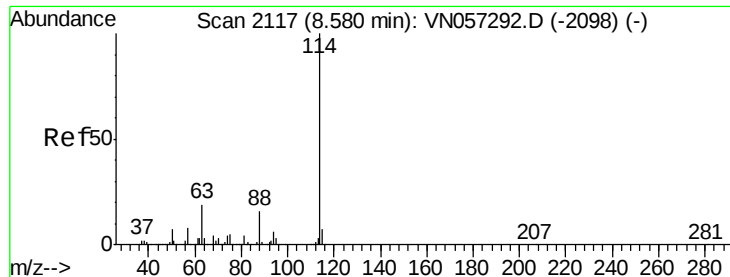
Tot Ion:	84	Resp:	22898
Ion	Ratio	Lower	Upper
84	100		
49	101.6	92.0	138.0
51	40.3	27.1	40.7
86	66.4	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 42.038 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057395.D
Acq: 19 Aug 2019 13:06

Tgt Ion:	65	Resp:	492494
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.4

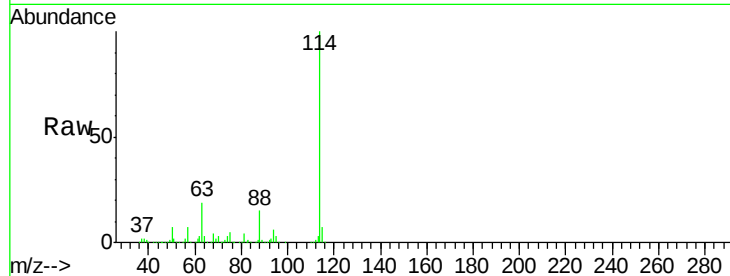




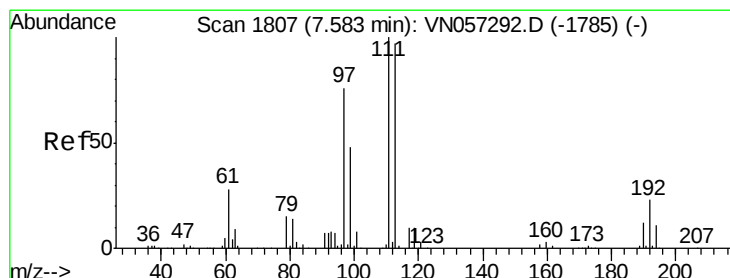
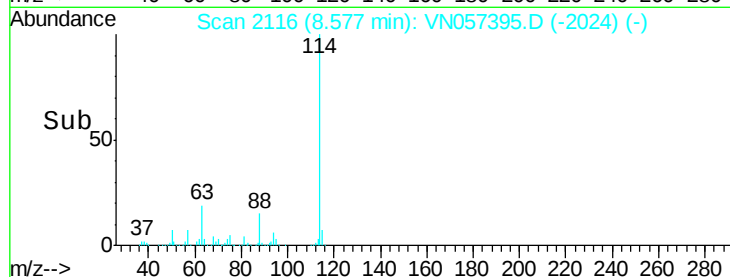
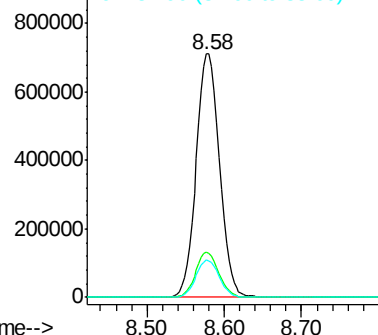
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057395.D
 Acq: 19 Aug 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A3-(0)

Tot Ion:114 Resp: 1492644
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.8
 88 15.2 0.0 31.4

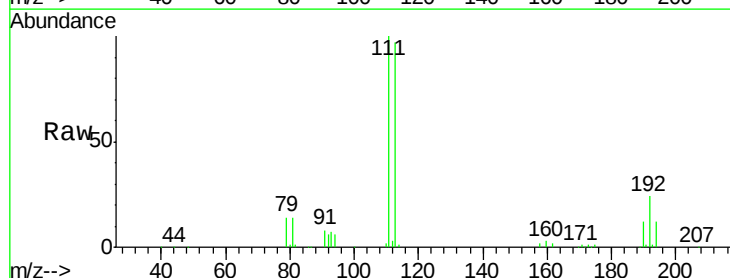


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

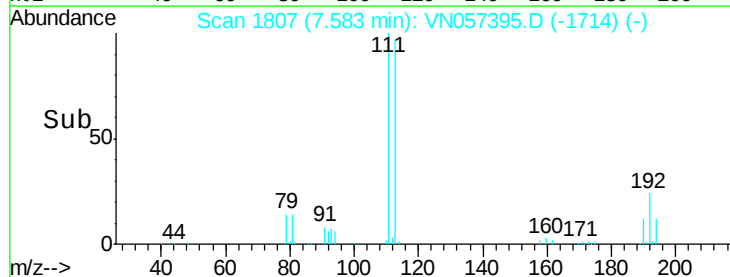
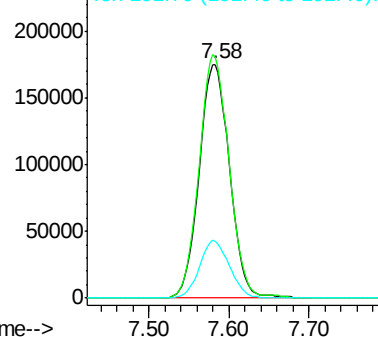


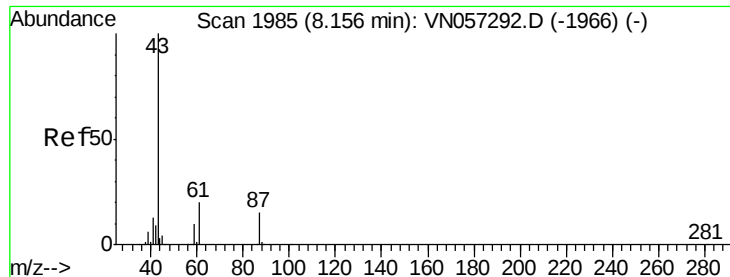
#35
 Dibromofluoromethane
 Concen: 46.035 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057395.D
 Acq: 19 Aug 2019 13:06

Tgt Ion:113 Resp: 450433
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.1 123.1
 192 24.3 19.3 28.9



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



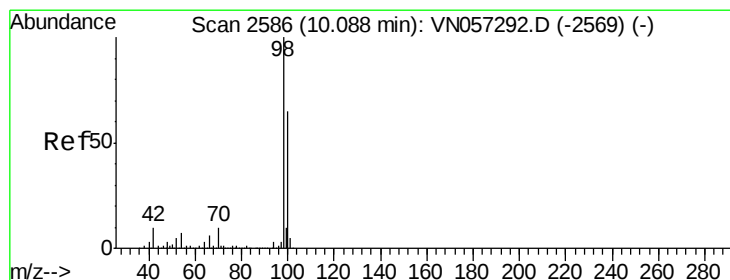
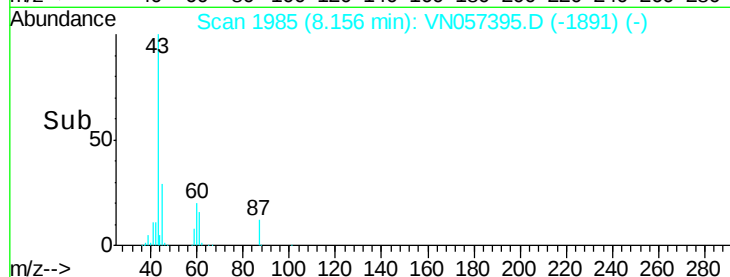
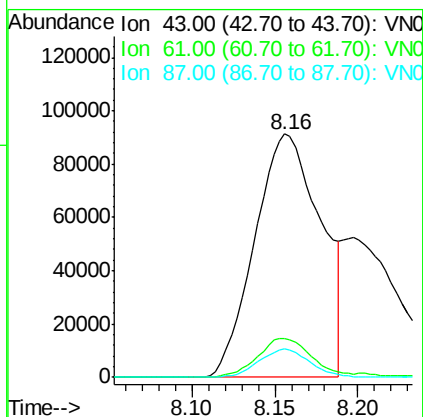
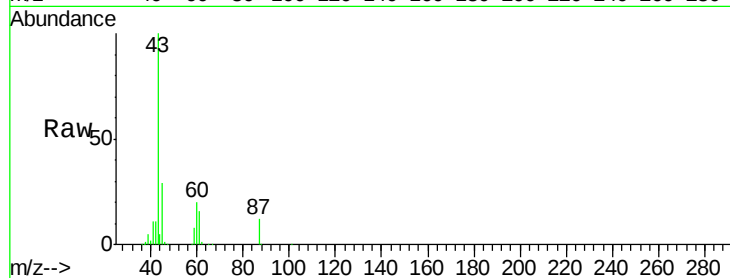


#43

Isopropyl Acetate
 Concen: 11.972 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057395.D
 Acq: 19 Aug 2019 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A3-(0)

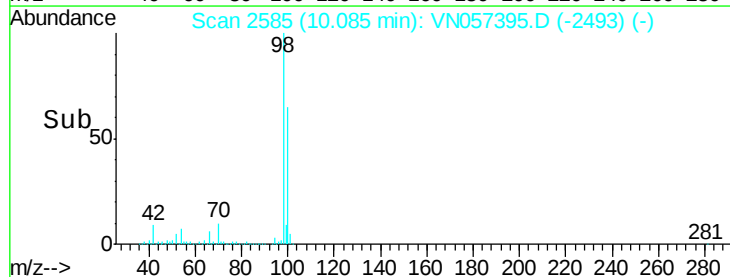
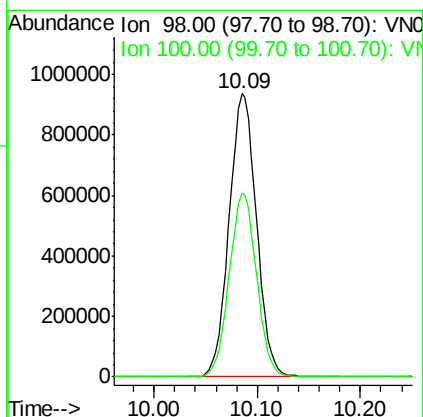
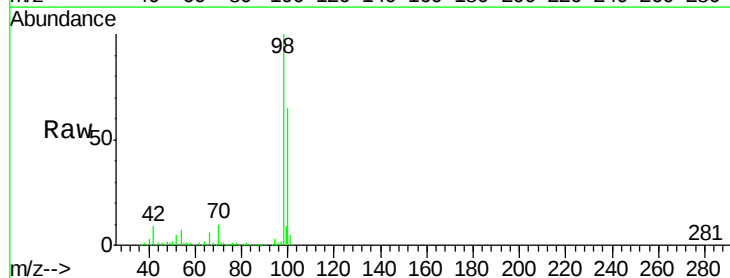
Tot Ion	43	Resp	253275
Ion Ratio	Lower	Upper	
43	100		
61	13.8	21.6	32.4#
87	9.1	11.4	17.0#

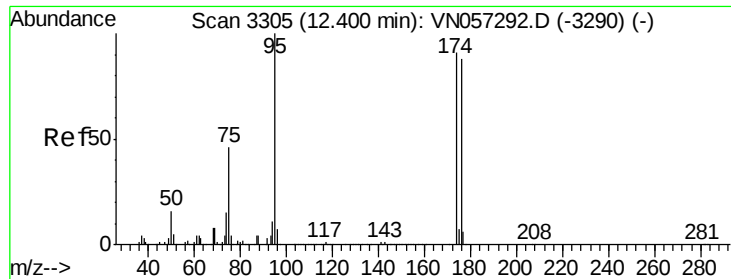


#50

Toluene-d8
 Concen: 48.425 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057395.D
 Acq: 19 Aug 2019 13:06

Tgt Ion	98	Resp	1732992
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.9	77.9

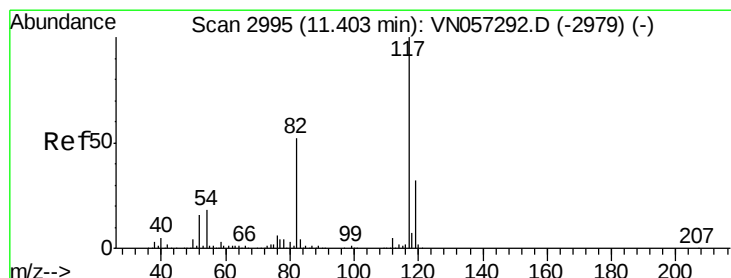
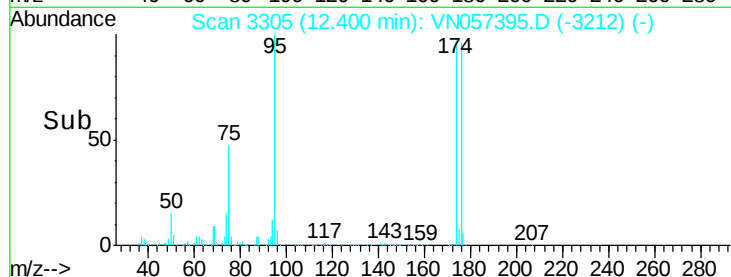
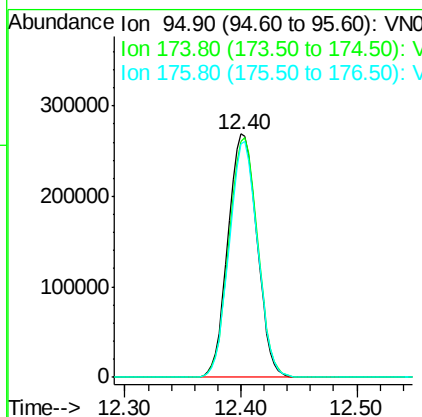
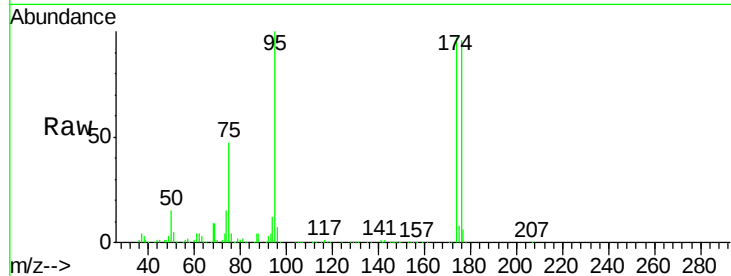




#62
4-Bromofluorobenzene
Concen: 36.648 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057395.D
Acq: 19 Aug 2019 13:06

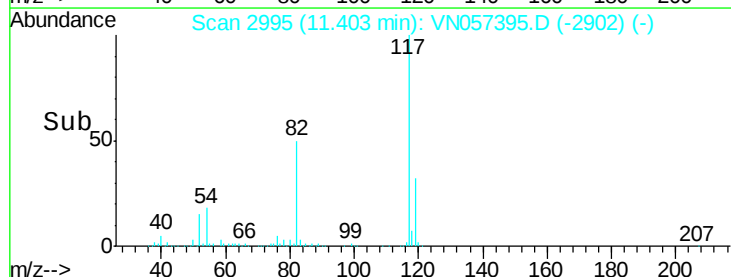
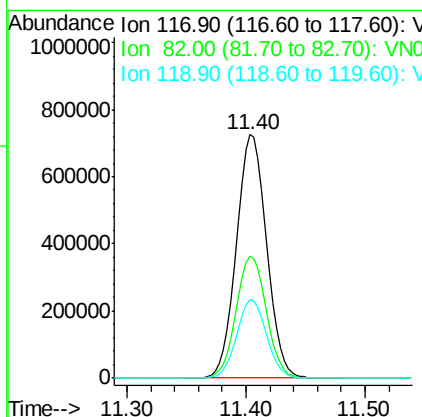
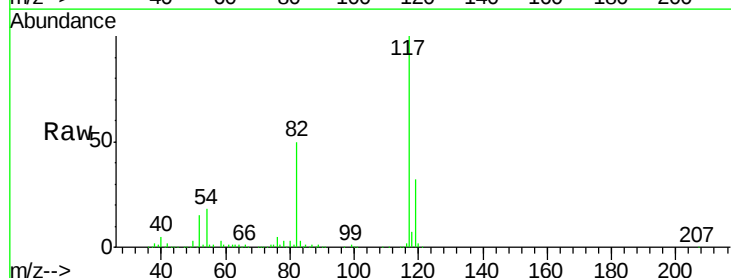
Instrument :
MSVOA_N
ClientSampleId :
T8-A3-(0)

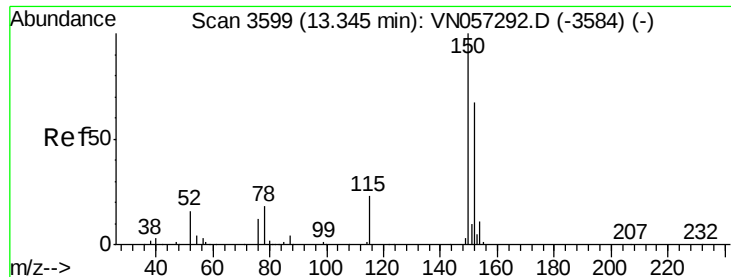
Tot Ion: 95 Resp: 463487
Ion Ratio Lower Upper
95 100
174 97.8 0.0 185.0
176 94.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057395.D
Acq: 19 Aug 2019 13:06

Tgt Ion: 117 Resp: 1273920
Ion Ratio Lower Upper
117 100
82 50.0 41.2 61.8
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057395.D

Acq: 19 Aug 2019 13:06

Instrument :

MSVOA_N

ClientSampleId :

T8-A3-(0)

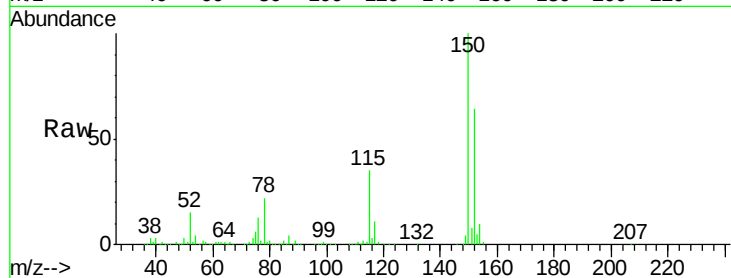
Tot Ion:152 Resp: 337354

Ion Ratio Lower Upper

152 100

115 55.3 27.3 81.9

150 158.0 0.0 344.4



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

