

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057400.D
 Acq On : 19 Aug 2019 15:07
 Operator : JC/SP
 Sample : K4339-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A4-(4)

Quant Time: Aug 20 08:18:06 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

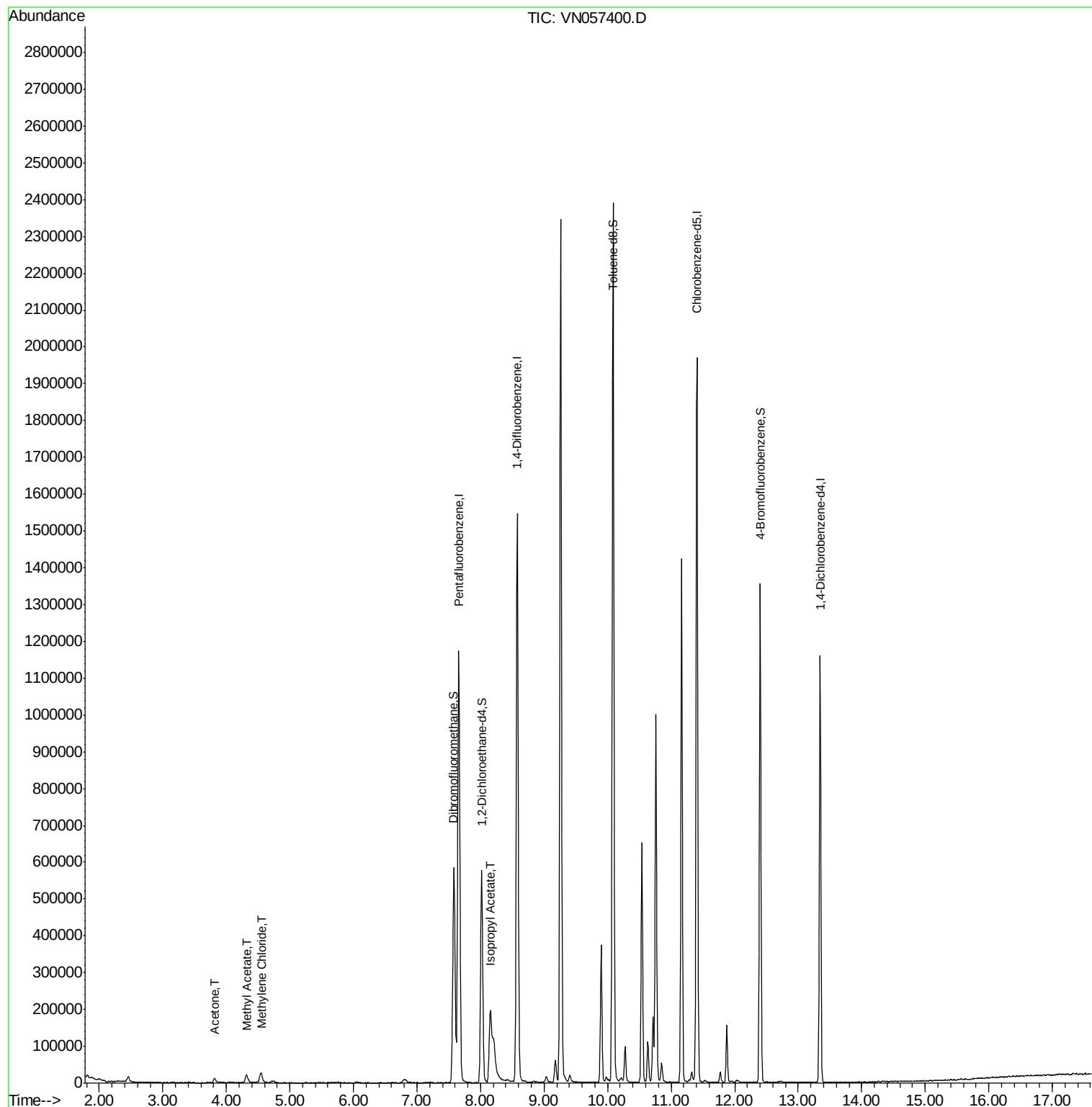
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1082121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1510402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1279450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	498264	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
35) Dibromofluoromethane	7.58	113	449798	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
50) Toluene-d8	10.09	98	1744952	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.40	95	466931	36.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.98%	
Target Compounds						
16) Acetone	3.81	43	17517	4.292	ug/l	88
18) Methyl Acetate	4.31	43	42119	1.517	ug/l	97
20) Methylene Chloride	4.54	84	21089	1.847	ug/l	98
43) Isopropyl Acetate	8.16	43	381491	18.385	ug/l #	70

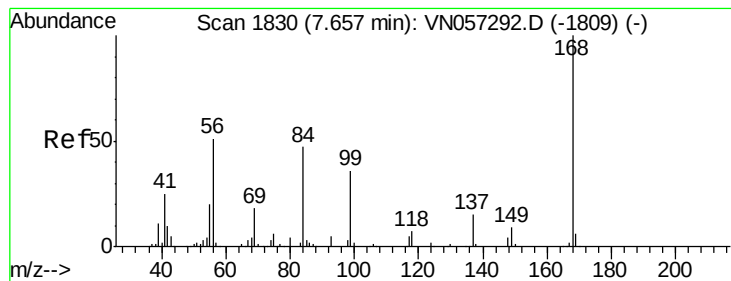
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057400.D

Acq: 19 Aug 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

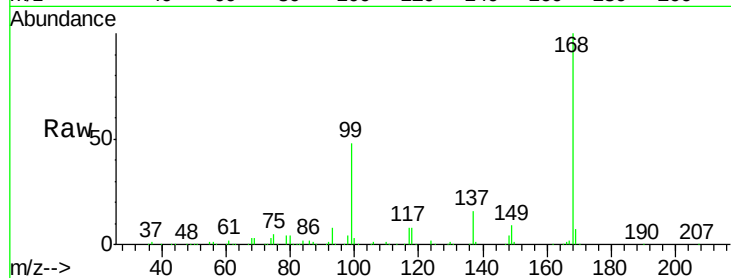
T8-A4-(4)

Tot Ion:168 Resp: 1082121

Ion Ratio Lower Upper

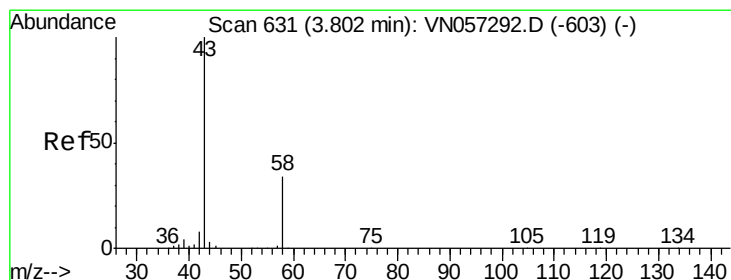
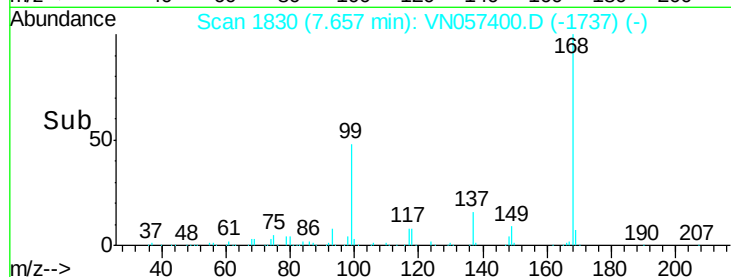
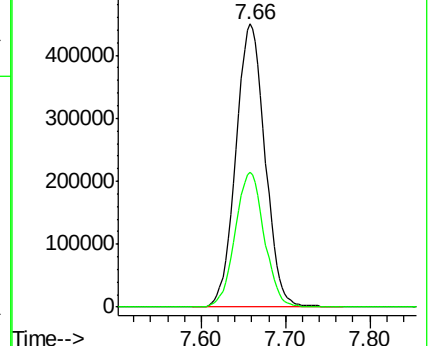
168 100

99 47.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4.292 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057400.D

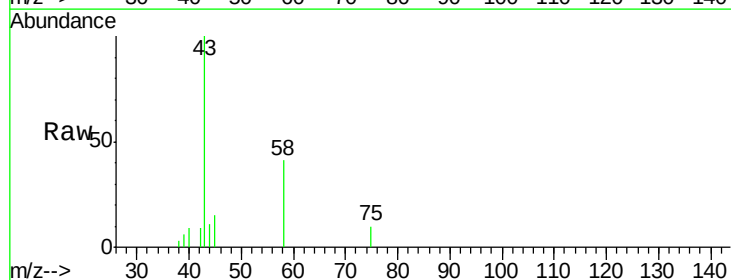
Acq: 19 Aug 2019 15:07

Tgt Ion: 43 Resp: 17517

Ion Ratio Lower Upper

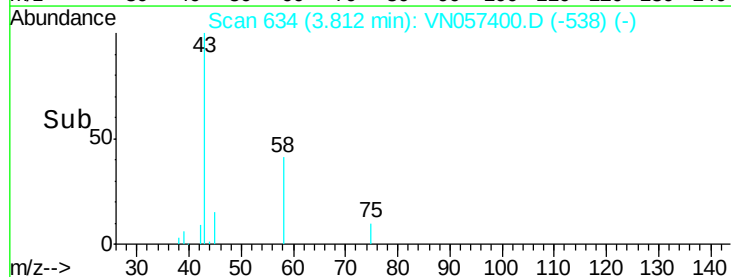
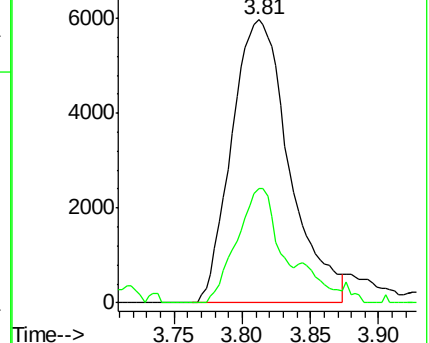
43 100

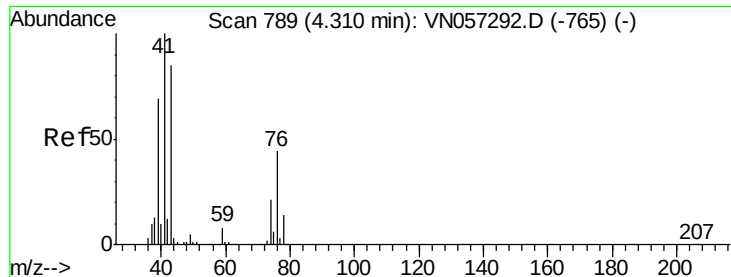
58 40.6 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

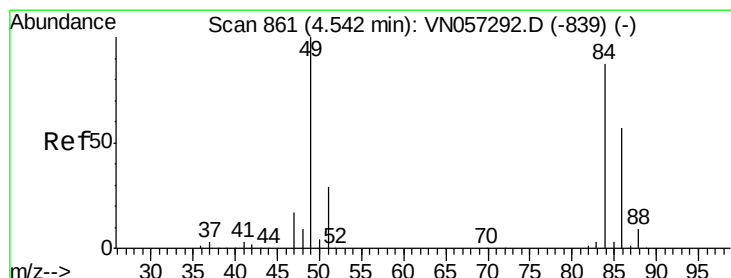
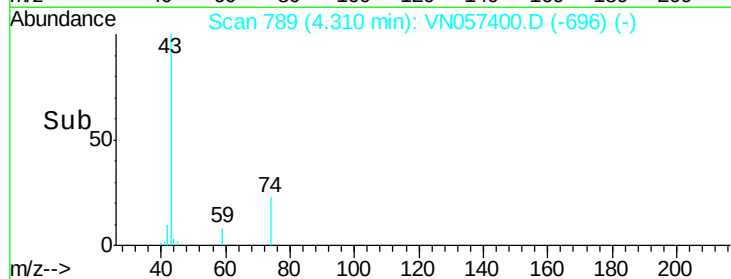
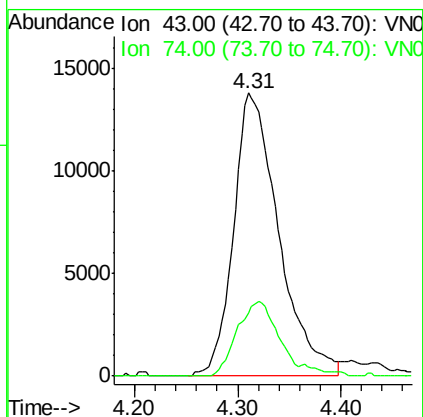
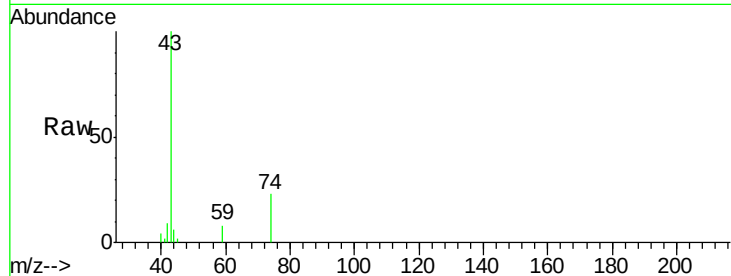




#18
Methyl Acetate
Concen: 1.517 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057400.D
Acq: 19 Aug 2019 15:07

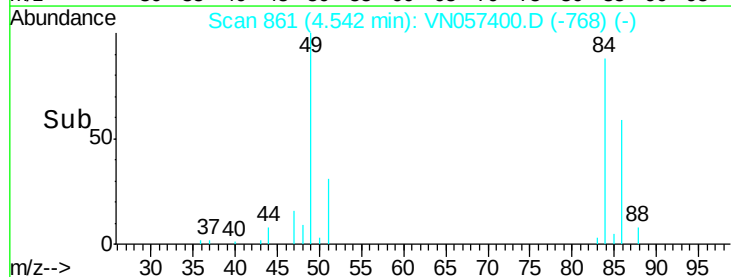
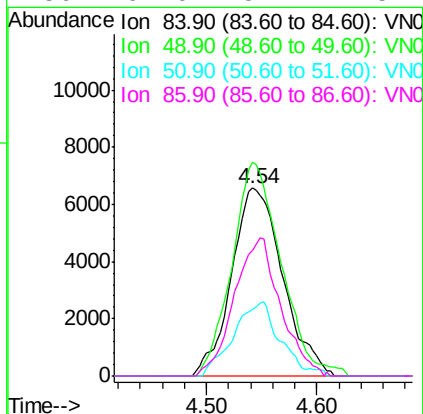
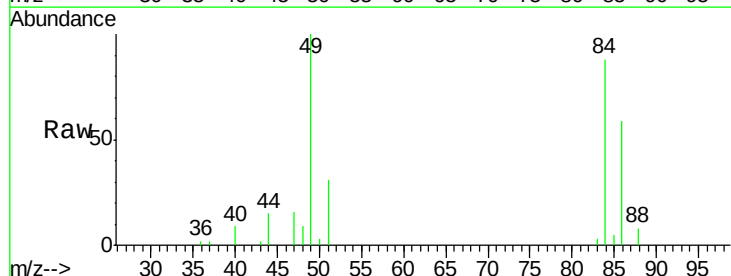
Instrument :
MSVOA_N
ClientSampled :
T8-A4-(4)

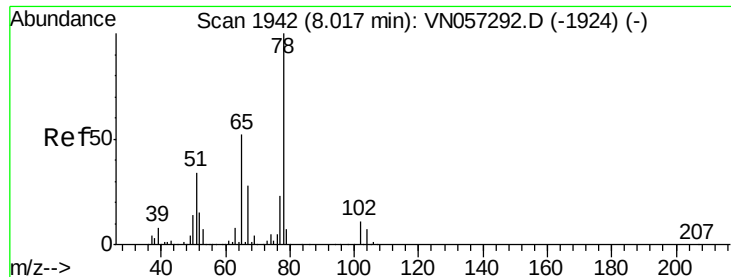
Tot Ion: 43 Resp: 42119
Ion Ratio Lower Upper
43 100
74 23.6 20.2 30.2



#20
Methylene Chloride
Concen: 1.847 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057400.D
Acq: 19 Aug 2019 15:07

Tgt Ion: 84 Resp: 21089
Ion Ratio Lower Upper
84 100
49 113.8 92.0 138.0
51 35.4 27.1 40.7
86 67.0 52.2 78.2

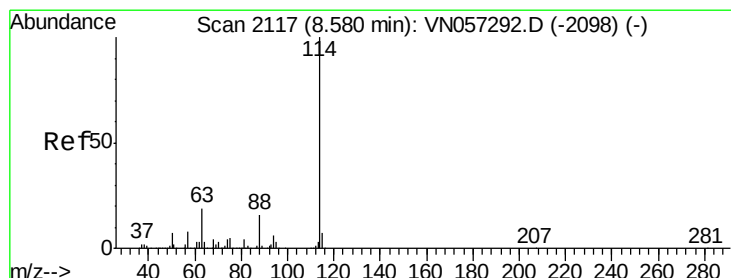
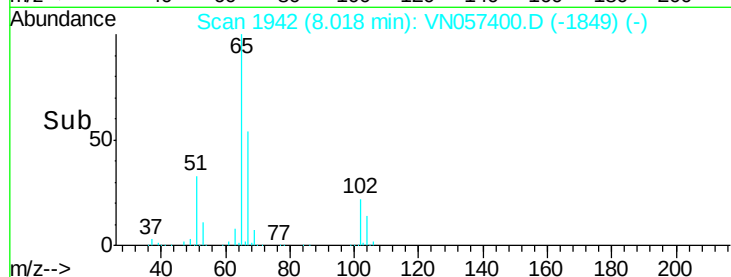
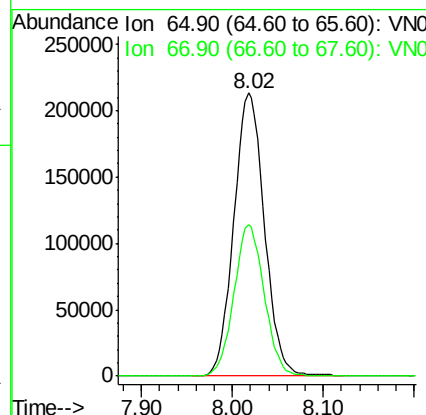
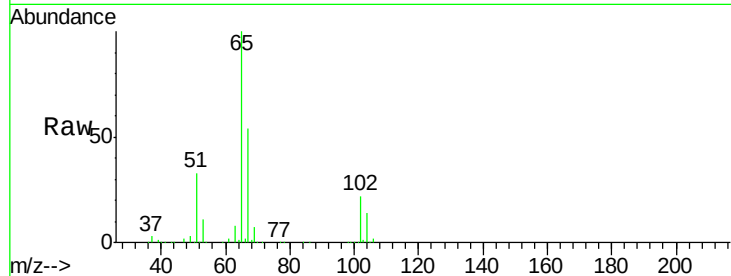




#33
 1,2-Dichloroethane-d4
 Concen: 42.356 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057400.D
 Acq: 19 Aug 2019 15:07

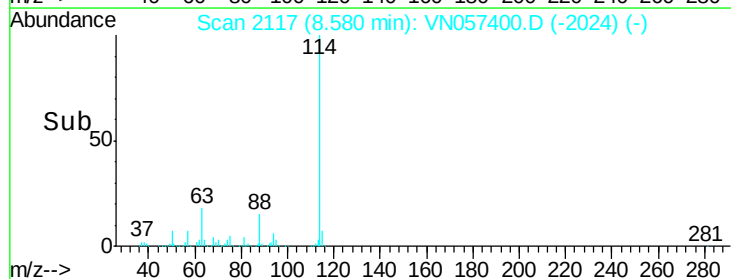
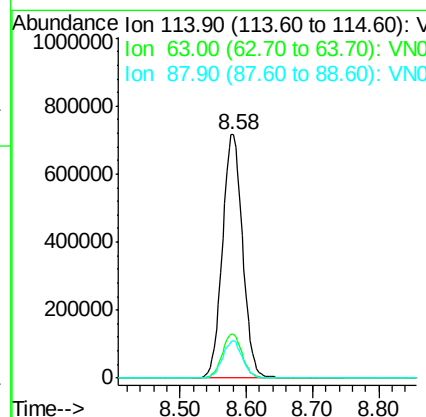
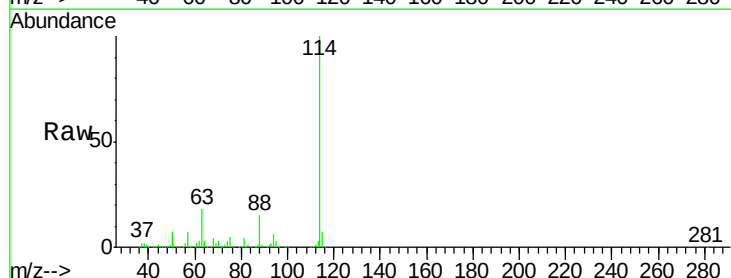
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A4-(4)

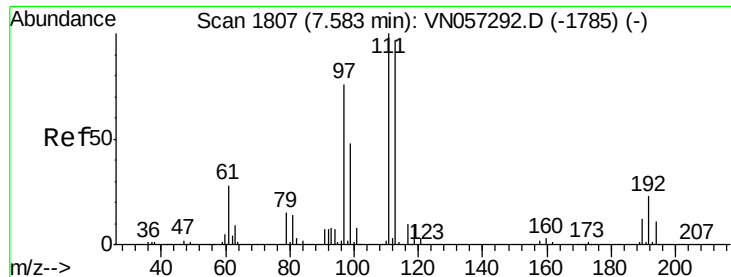
Tot Ion: 65 Resp: 498264
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057400.D
 Acq: 19 Aug 2019 15:07

Tgt Ion: 114 Resp: 1510402
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.8
 88 15.4 0.0 31.4

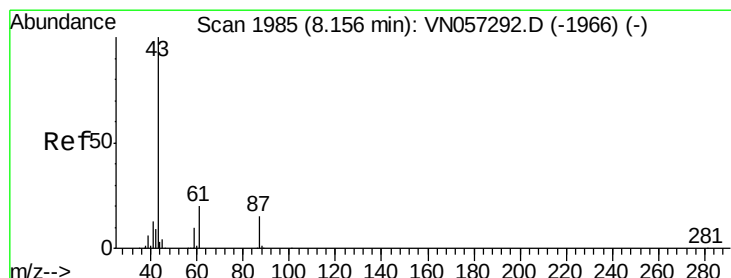
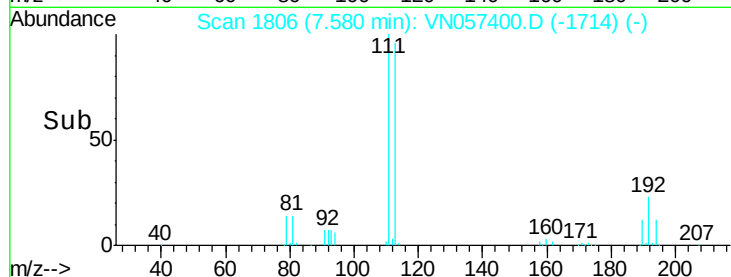
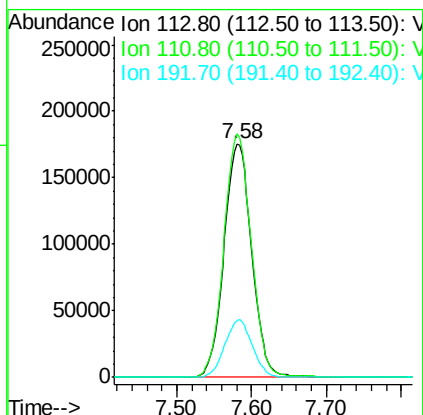
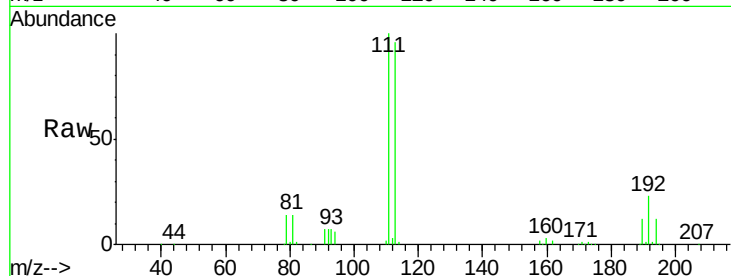




#35
 Dibromofluoromethane
 Concen: 45.430 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057400.D
 Acq: 19 Aug 2019 15:07

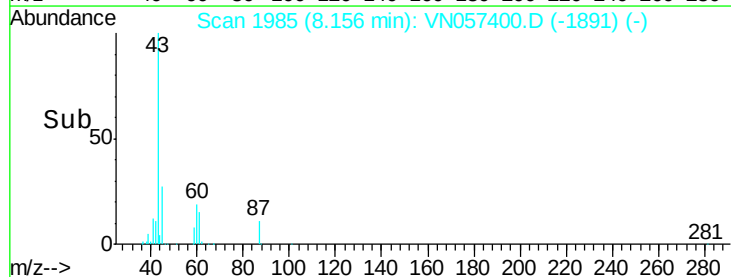
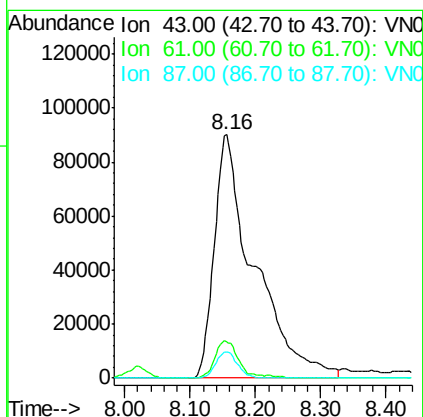
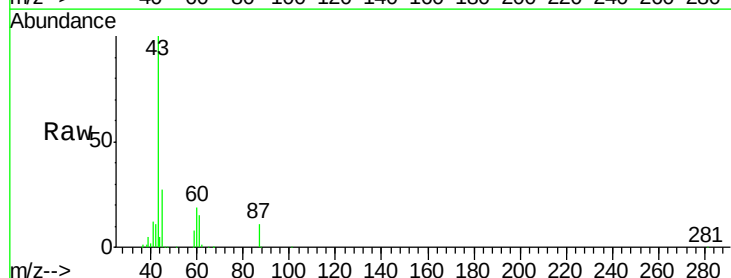
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A4-(4)

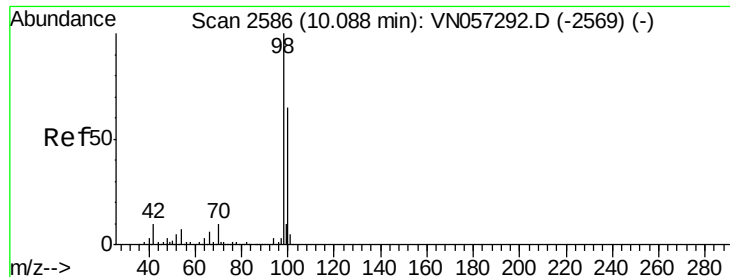
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.1	123.1
192	24.5	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 18.385 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057400.D
 Acq: 19 Aug 2019 15:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	9.0	21.6	32.4#
87	5.9	11.4	17.0#





#50

Toluene-d8

Concen: 48.185 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057400.D

Acq: 19 Aug 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

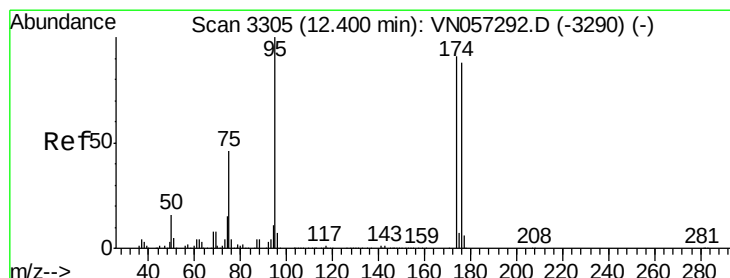
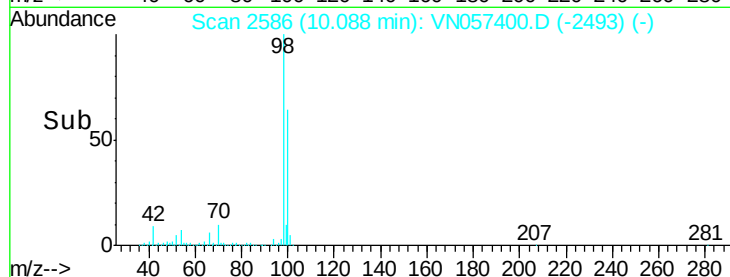
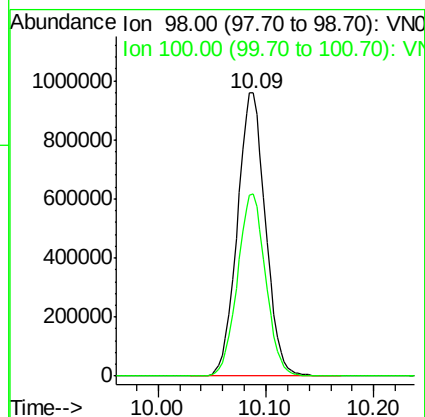
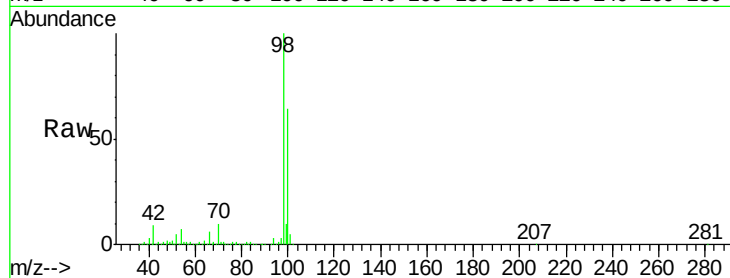
T8-A4-(4)

Tot Ion: 98 Resp: 1744952

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.486 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057400.D

Acq: 19 Aug 2019 15:07

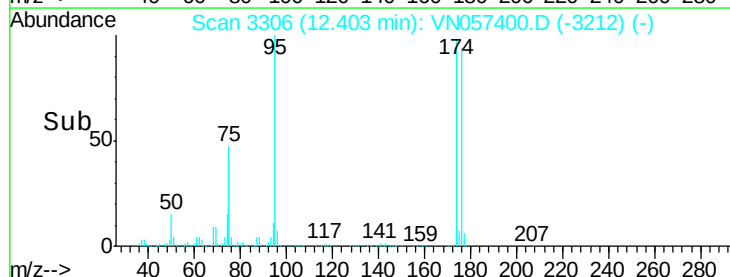
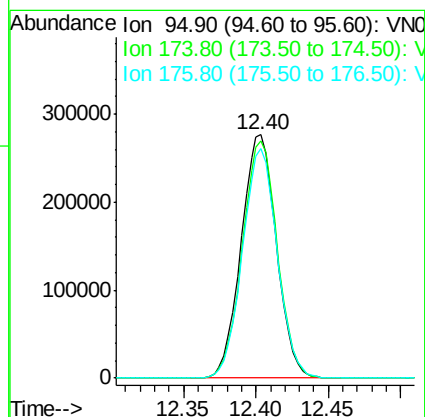
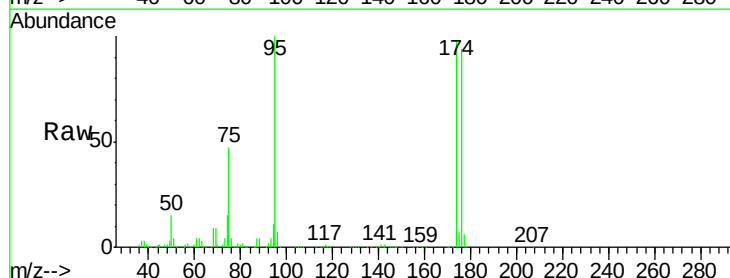
Tgt Ion: 95 Resp: 466931

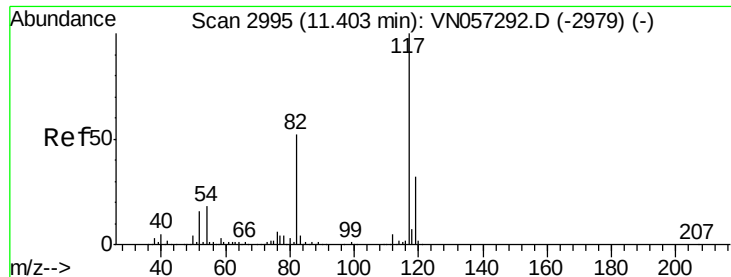
Ion Ratio Lower Upper

95 100

174 97.2 0.0 185.0

176 93.3 0.0 181.0

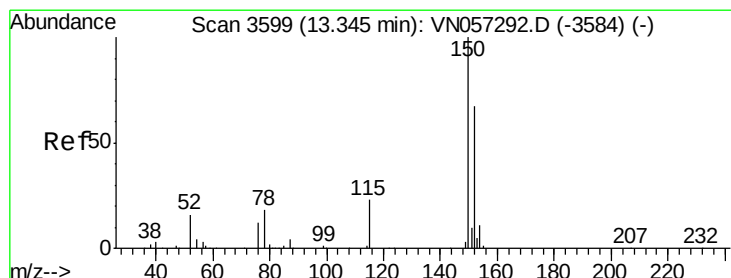
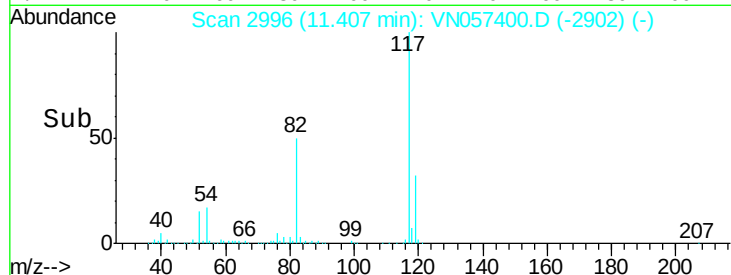
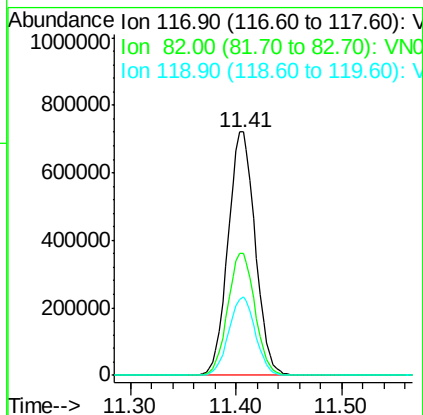
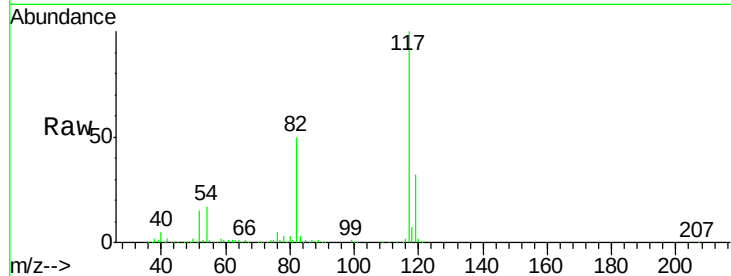




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057400.D
Acq: 19 Aug 2019 15:07

Instrument :
MSVOA_N
ClientSampled :
T8-A4-(4)

Tot Ion:117 Resp: 1279450
Ion Ratio Lower Upper
117 100
82 50.3 41.2 61.8
119 32.2 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: VN057400.D
Acq: 19 Aug 2019 15:07

Tgt Ion:152 Resp: 342054
Ion Ratio Lower Upper
152 100
115 55.8 27.3 81.9
150 158.8 0.0 344.4

