

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051153.D
 Acq On : 12 Sep 2018 17:01
 Operator : MD\SY
 Sample : J4882-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampled :
 28570

Quant Time: Sep 13 08:28:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	607625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	872935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	740156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	343795	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.59	113	338120	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.09	98	1187812	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.40	95	363688	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	

Target Compounds

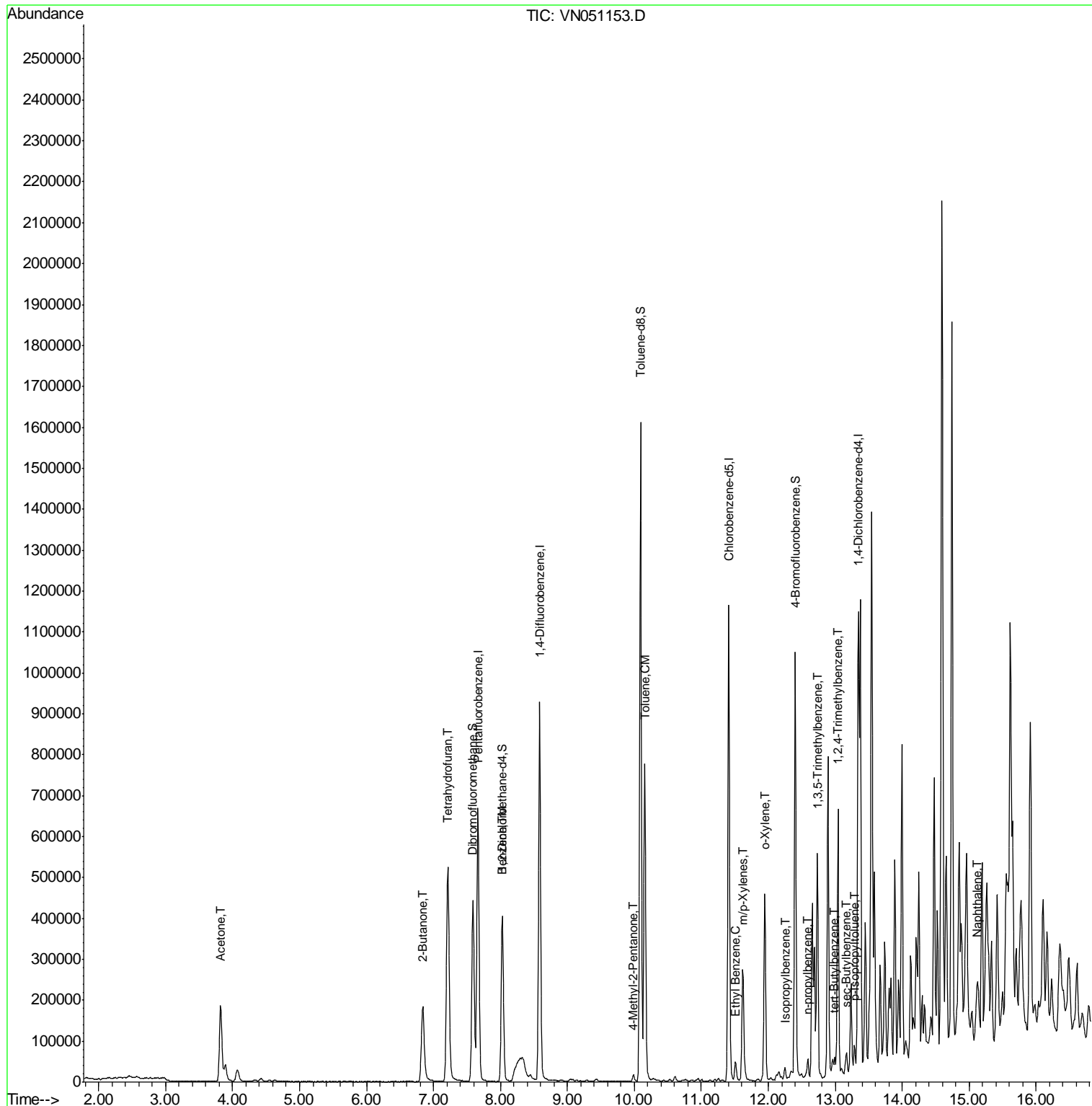
						Qvalue
16) Acetone	3.82	43	322868	191.75	ug/l	99
25) 2-Butanone	6.84	43	347439	130.69	ug/l	97
29) Tetrahydrofuran	7.21	42	437081	263.27	ug/l	99
40) Benzene	8.04	78	8081	0.28	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	11594	2.14	ug/l	89
52) Toluene	10.16	92	359151	20.39	ug/l	99
67) Ethyl Benzene	11.51	91	31622	1.05	ug/l	99
68) m/p-Xylenes	11.62	106	89998	7.75	ug/l	98
69) o-Xylene	11.95	106	129942	11.56	ug/l	99
73) Isopropylbenzene	12.25	105	17255	0.64	ug/l	100
78) n-propylbenzene	12.59	91	39133	1.32	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	271981	12.51	ug/l	100
83) tert-Butylbenzene	12.99	119	23143	1.21	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	373937	17.49	ug/l	99
85) sec-Butylbenzene	13.17	105	24439	0.99	ug/l	87
86) p-Isopropyltoluene	13.29	119	29136	1.40	ug/l	98
95) Naphthalene	15.13	128	91995	12.15	ug/l	98

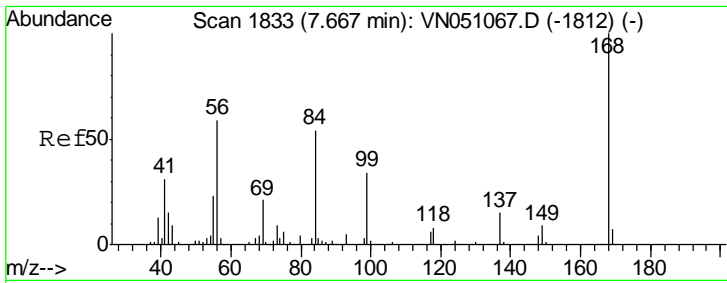
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051153.D
 Acq On : 12 Sep 2018 17:01
 Operator : MD\SY
 Sample : J4882-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sampled :
 28570

Quant Time: Sep 13 08:28:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

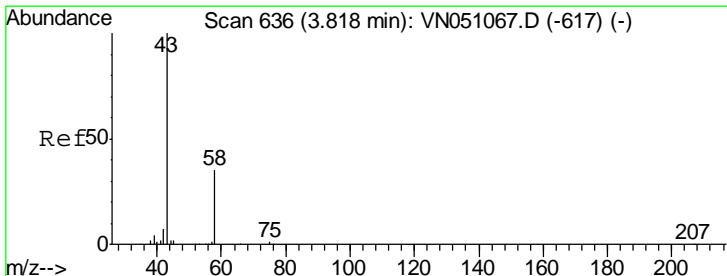
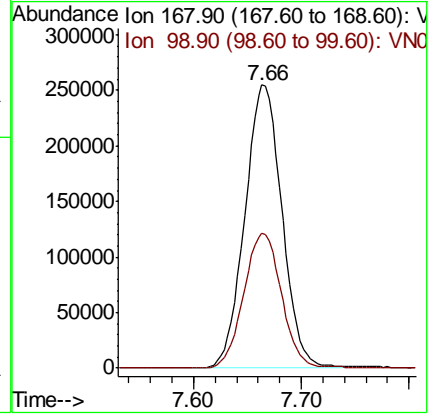
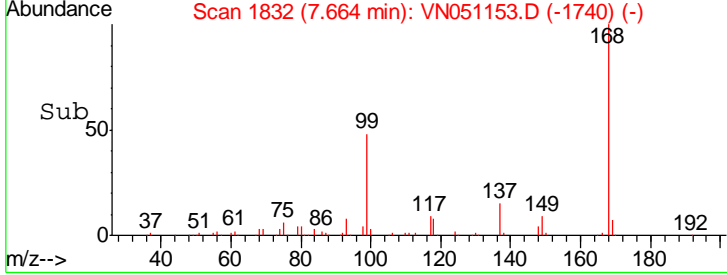
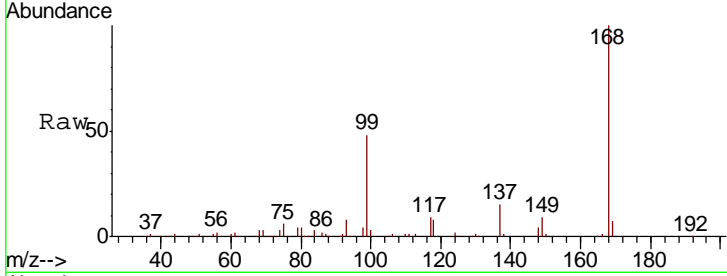




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

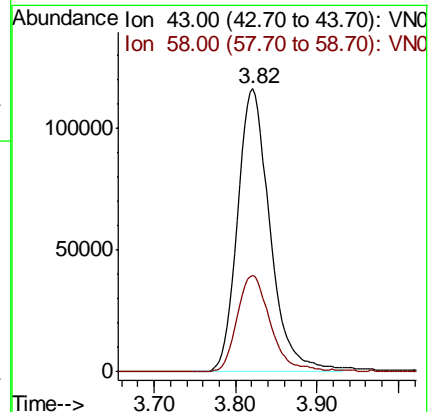
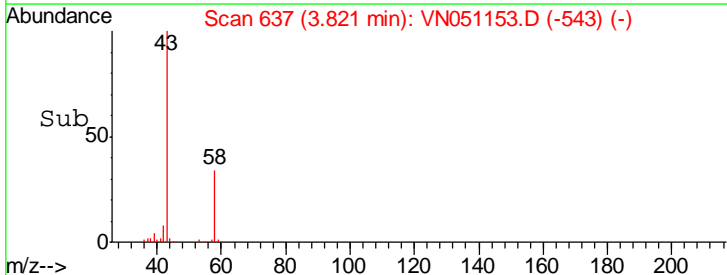
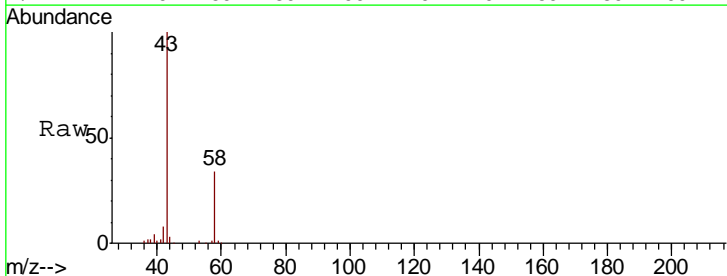
Instrument :
 MSVOA_N
 ClientSampled :
 28570

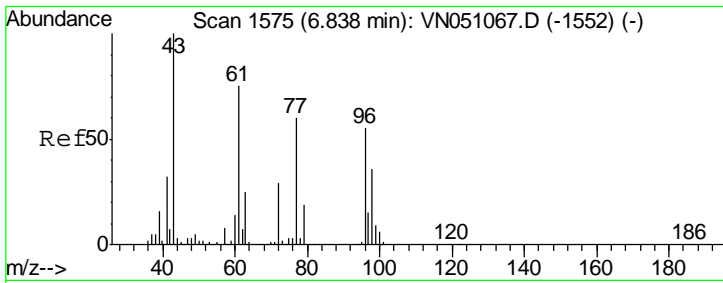
Tgt Ion	Resp	Lower	Upper
168	100		
99	47.6	38.3	57.5



#16
 Acetone
 Concen: 191.75 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion	Resp	Lower	Upper
43	100		
58	34.2	27.8	41.6

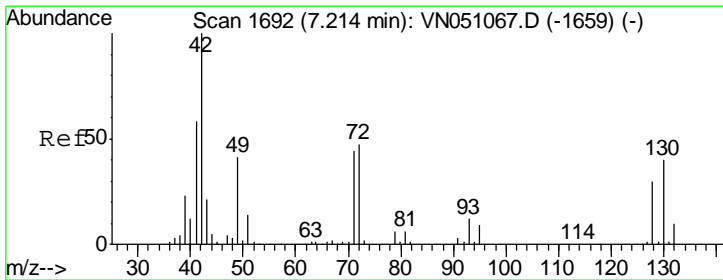
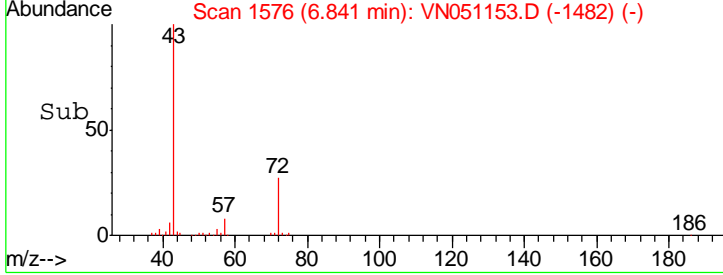
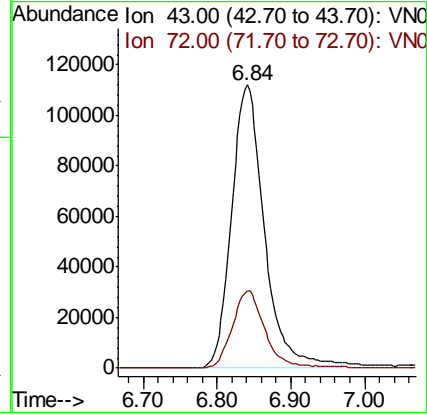
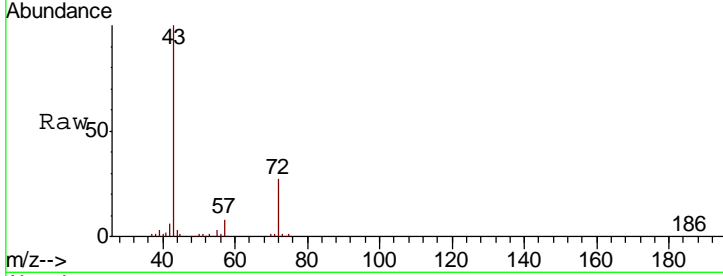




#25
 2-Butanone
 Concen: 130.69 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

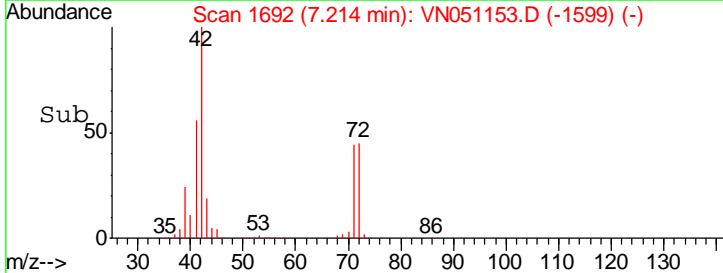
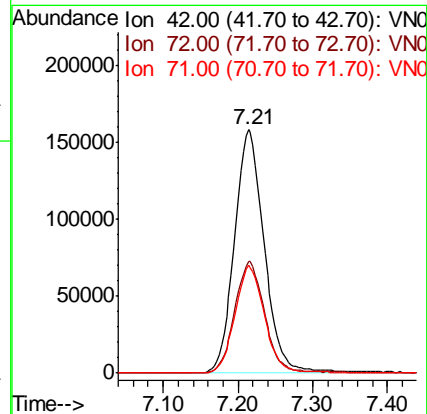
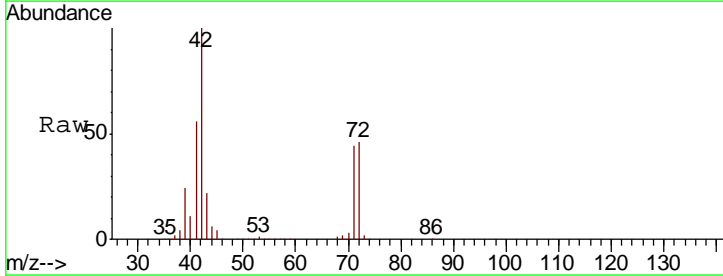
Instrument :
 MSVOA_N
 ClientSampled :
 28570

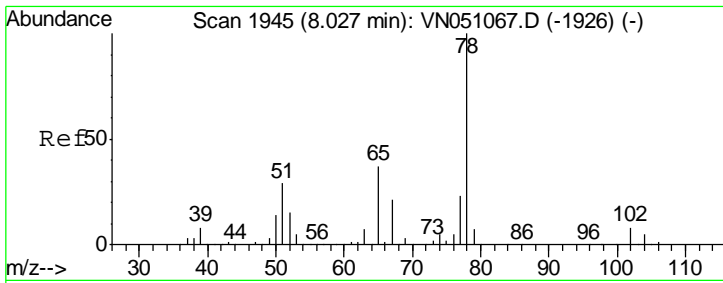
Tgt Ion: 43 Resp: 347439
 Ion Ratio Lower Upper
 43 100
 72 27.2 23.0 34.6



#29
 Tetrahydrofuran
 Concen: 263.27 ug/l
 RT: 7.21 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion: 42 Resp: 437081
 Ion Ratio Lower Upper
 42 100
 72 46.2 37.4 56.0
 71 43.8 34.7 52.1

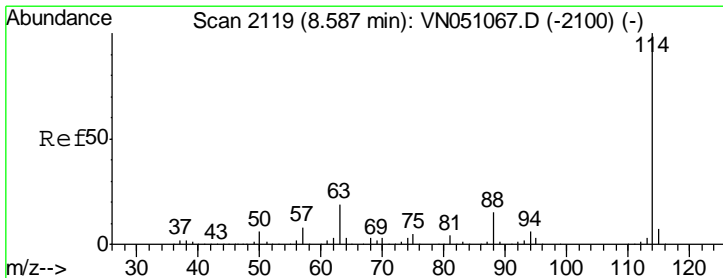
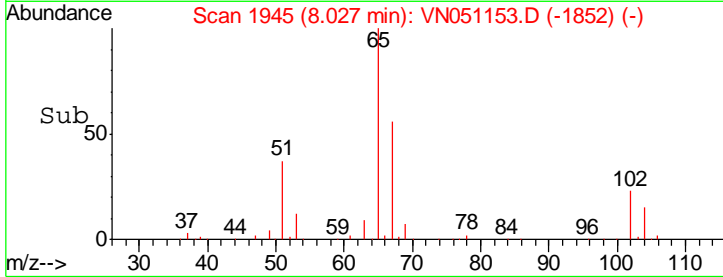
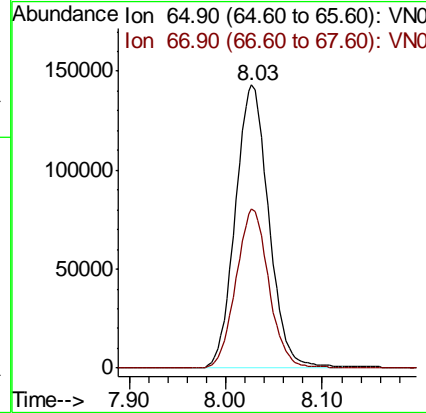
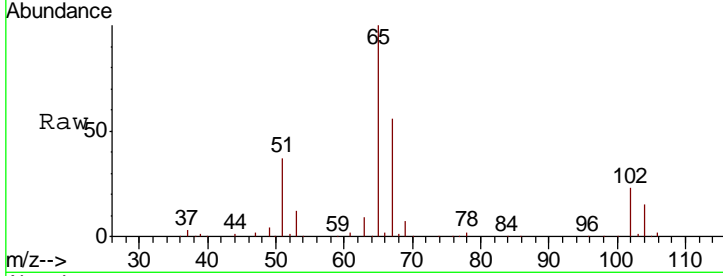




#33
 1,2-Dichloroethane-d4
 Concen: 50.84 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

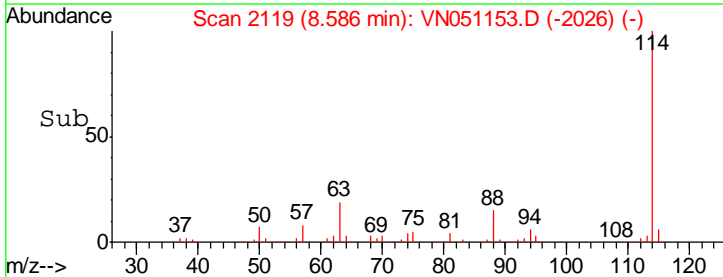
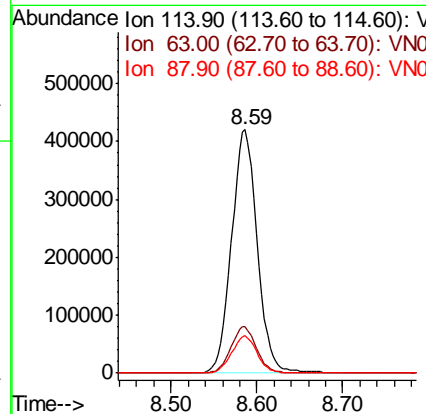
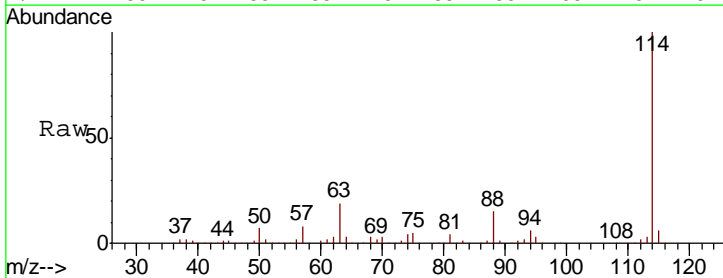
Instrument :
 MSVOA_N
 ClientSampled :
 28570

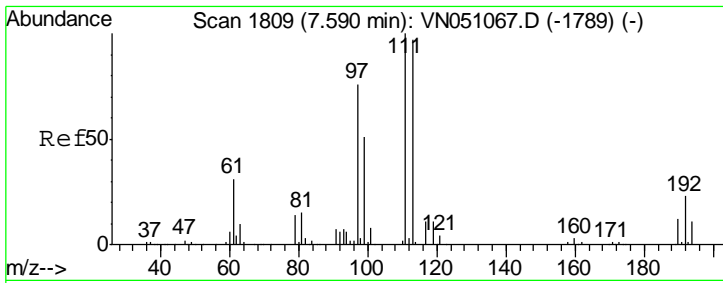
Tgt Ion	Resp	Lower	Upper
65	100		
67	55.5	0.0	112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion	Resp	Lower	Upper
114	100		
63	18.9	0.0	37.8
88	15.3	0.0	30.8

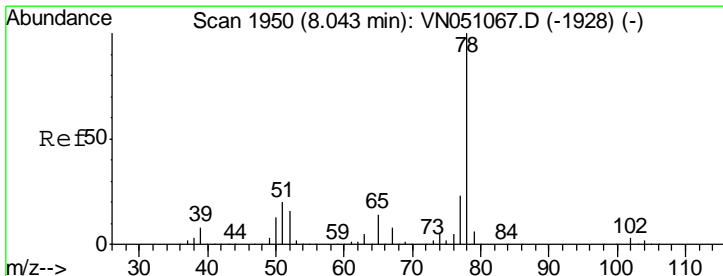
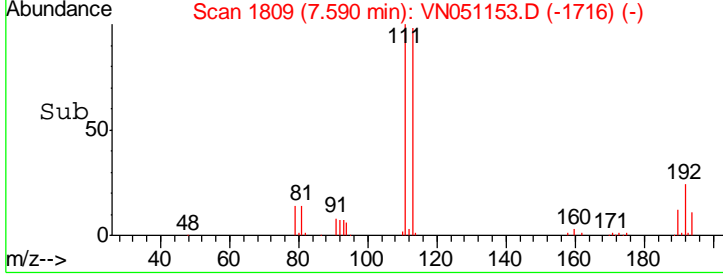
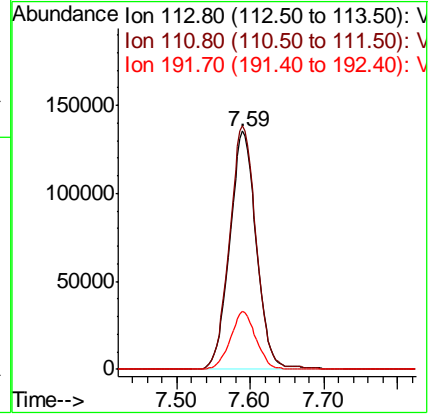
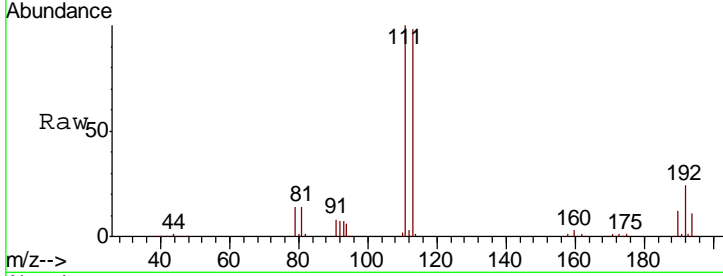




#35
 Dibromofluoromethane
 Concen: 51.55 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

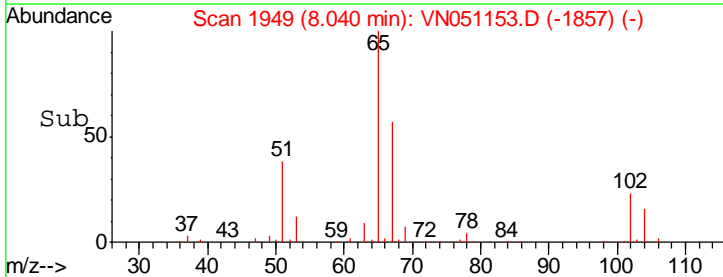
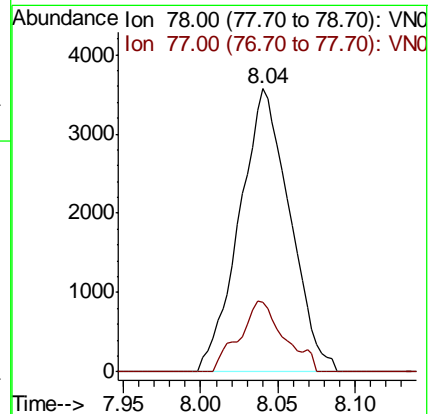
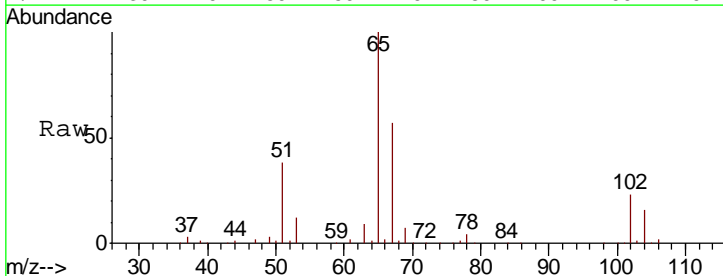
Instrument :
 MSVOA_N
 ClientSampled :
 28570

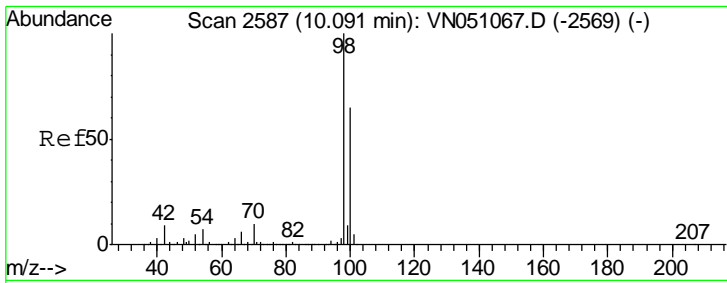
Tgt Ion	Resp	Lower	Upper
113	100		
111	103.0	83.0	124.6
192	23.4	18.7	28.1



#40
 Benzene
 Concen: 0.28 ug/l
 RT: 8.04 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion	Resp	Lower	Upper
78	100		
77	24.8	18.6	27.8

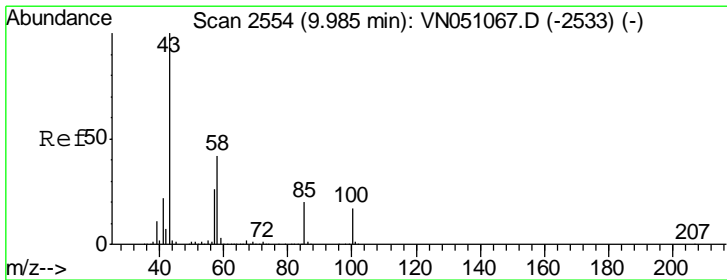
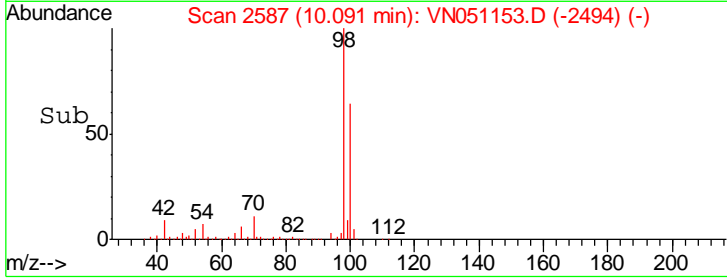
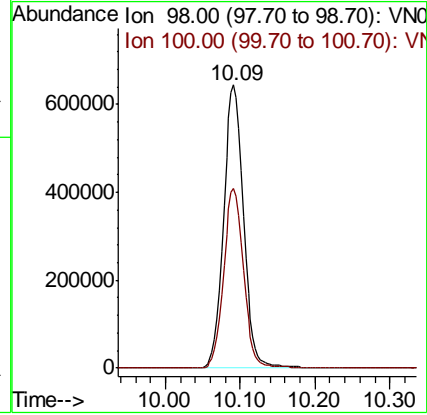
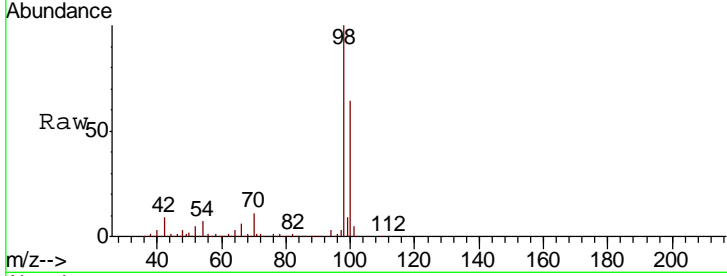




#50
 Toluene-d8
 Concen: 47.72 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

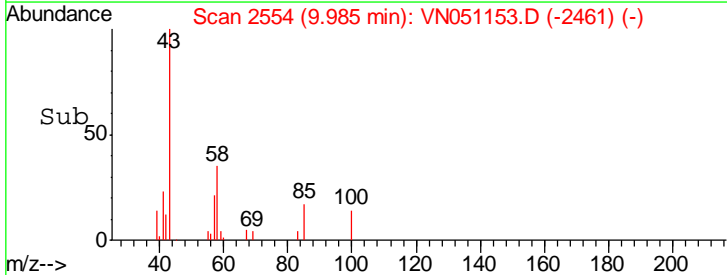
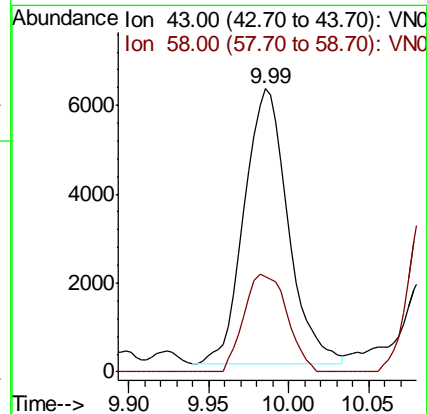
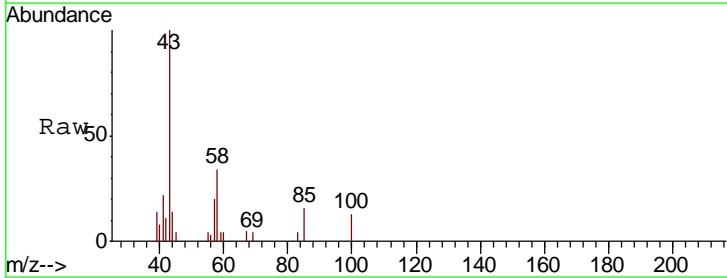
Instrument :
 MSVOA_N
 ClientSampled :
 28570

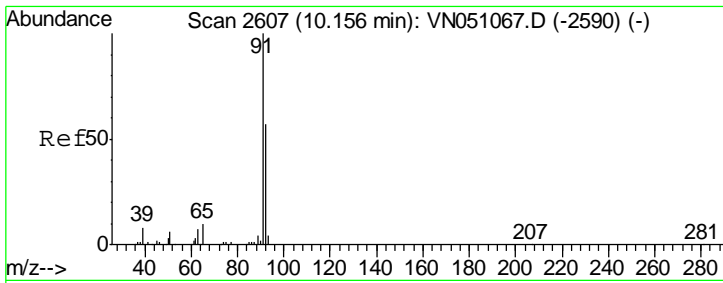
Tgt Ion: 98 Resp: 1187812
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.0 78.0



#51
 4-Methyl-2-Pentanone
 Concen: 2.14 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion: 43 Resp: 11594
 Ion Ratio Lower Upper
 43 100
 58 34.8 33.5 50.3

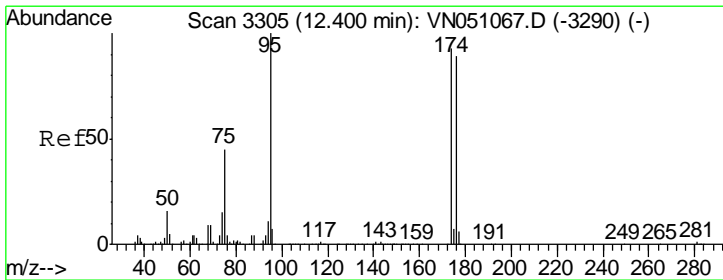
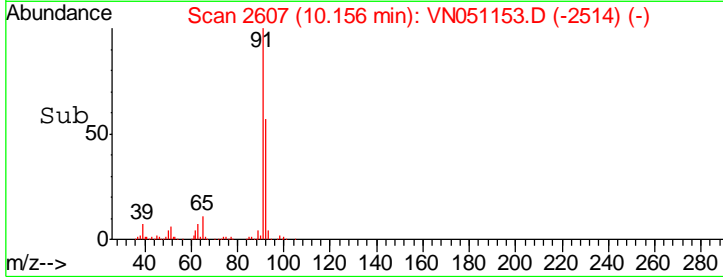
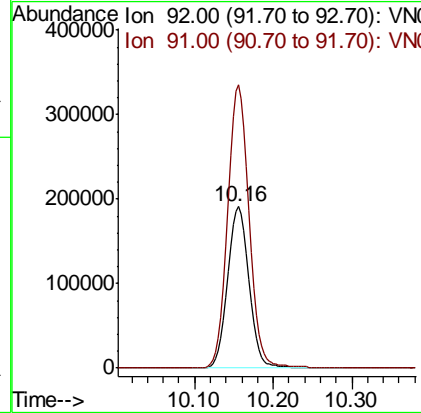
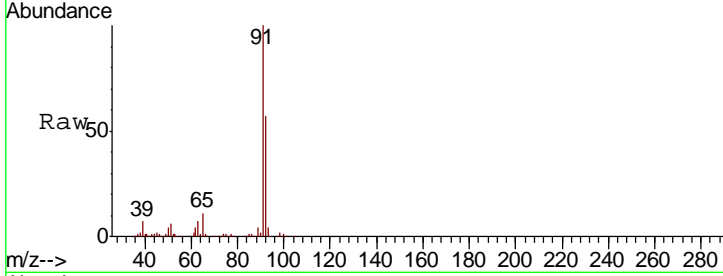




#52
 Toluene
 Concen: 20.39 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

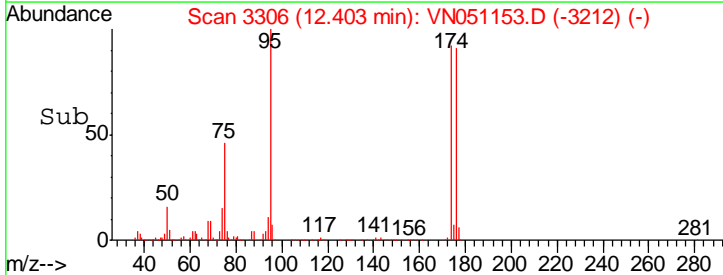
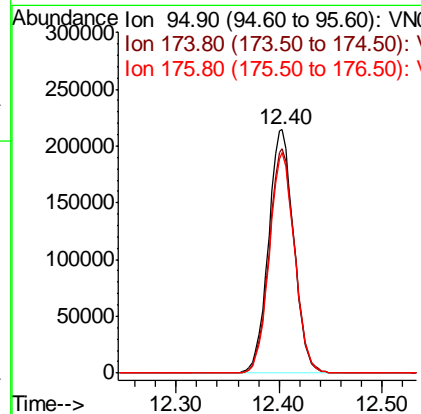
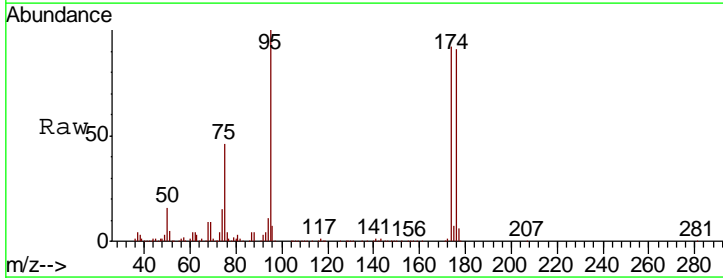
Instrument : MSVOA_N
 ClientSampled : 28570

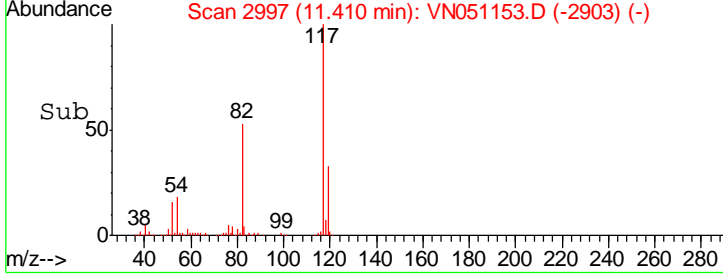
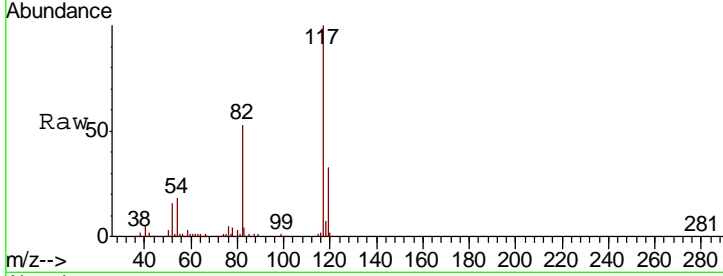
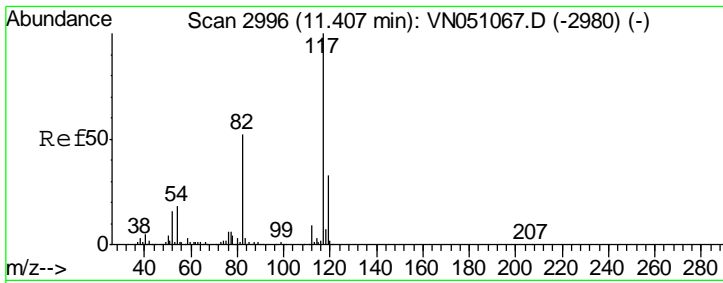
Tgt Ion	Resp	Lower	Upper
92	359151		
92	100		
91	175.3	139.5	209.3



#62
 4-Bromofluorobenzene
 Concen: 44.17 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion	Resp	Lower	Upper
95	363688		
95	100		
174	92.8	0.0	184.8
176	89.6	0.0	178.6

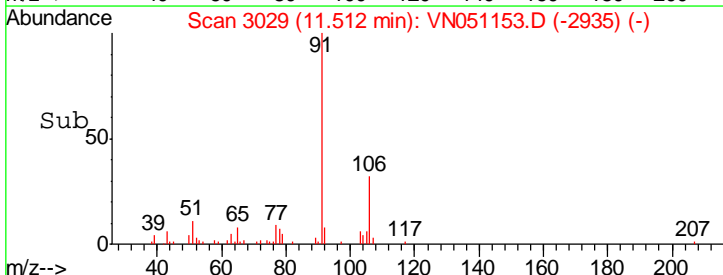
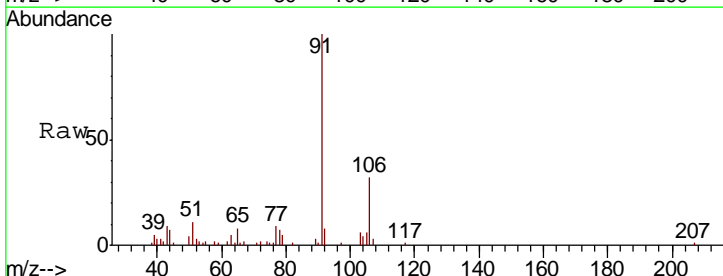
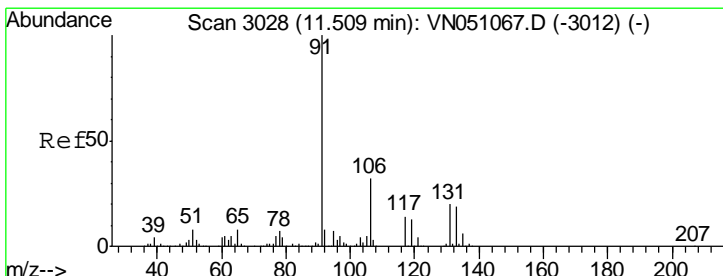
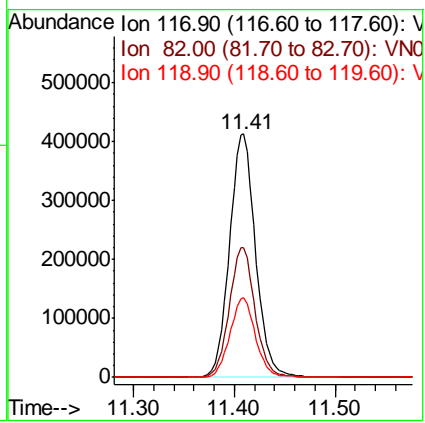




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

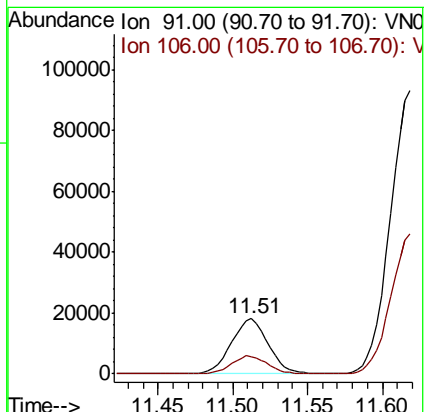
Instrument : MSVOA_N
 ClientSampled : 28570

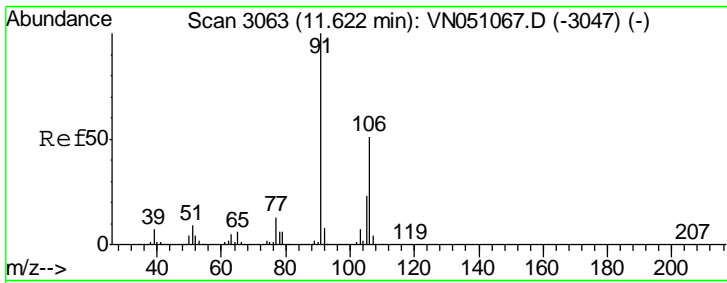
Tgt Ion	Resp	Lower	Upper
117	740156		
82	53.3	41.8	62.6
119	32.6	26.2	39.2



#67
 Ethyl Benzene
 Concen: 1.05 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion	Resp	Lower	Upper
91	31622		
106	32.2	25.4	38.2

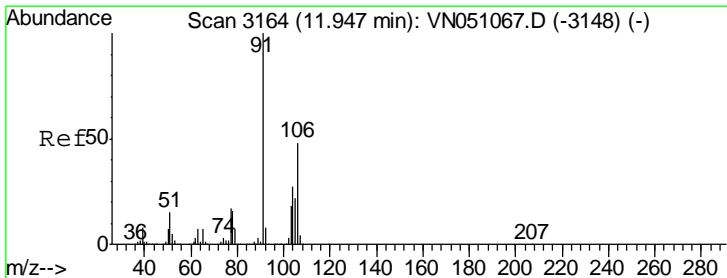
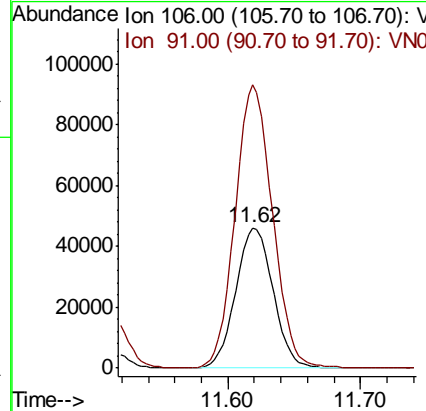
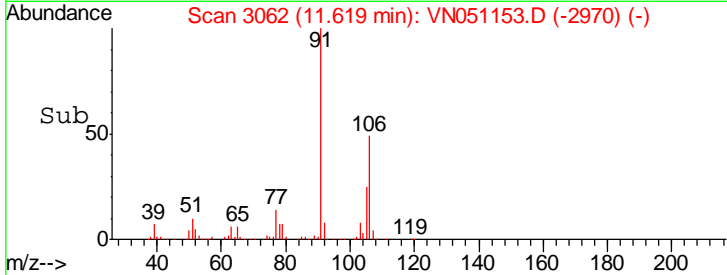
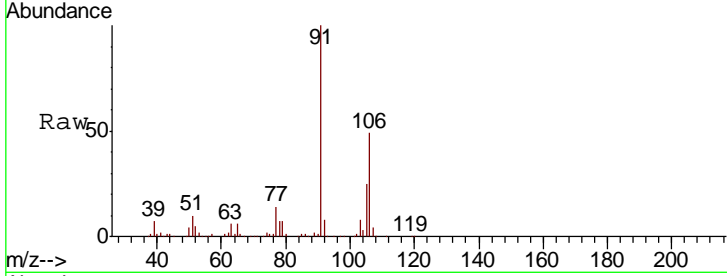




#68
 m/p-Xylenes
 Concen: 7.75 ug/l
 RT: 11.62 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

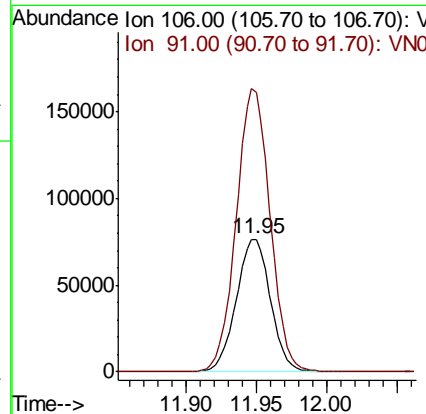
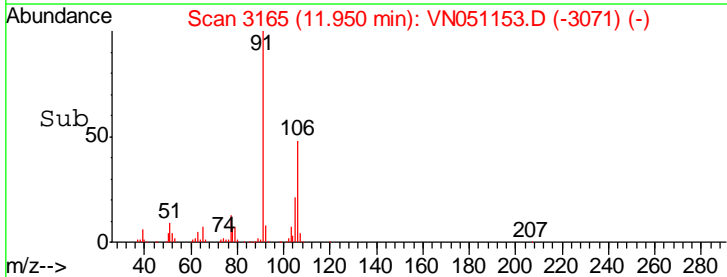
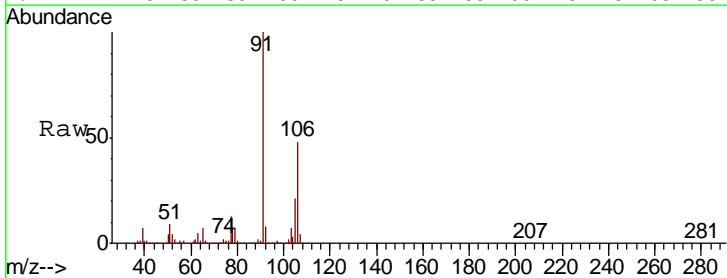
Instrument :
 MSVOA_N
 ClientSampled :
 28570

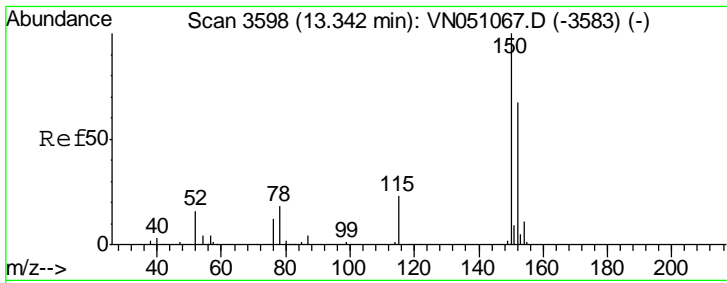
Tgt Ion:106 Resp: 89998
 Ion Ratio Lower Upper
 106 100
 91 202.6 159.8 239.6



#69
 o-Xylene
 Concen: 11.56 ug/l
 RT: 11.95 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion:106 Resp: 129942
 Ion Ratio Lower Upper
 106 100
 91 211.8 105.1 315.1

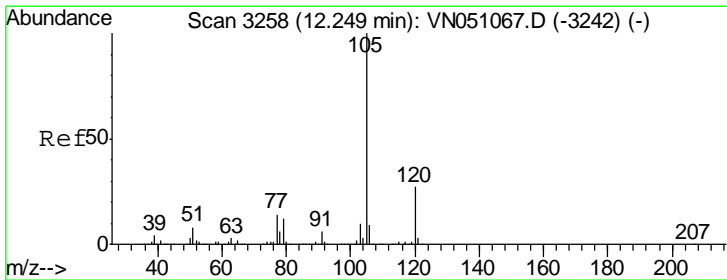
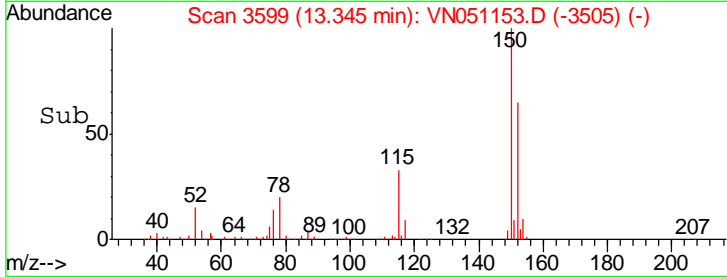
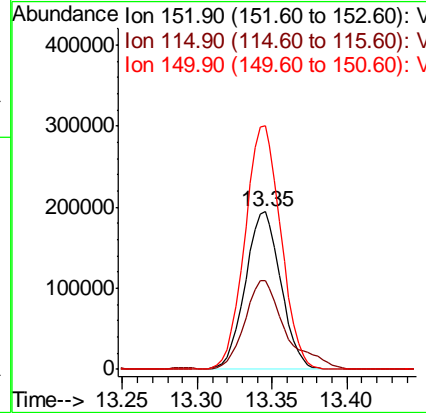
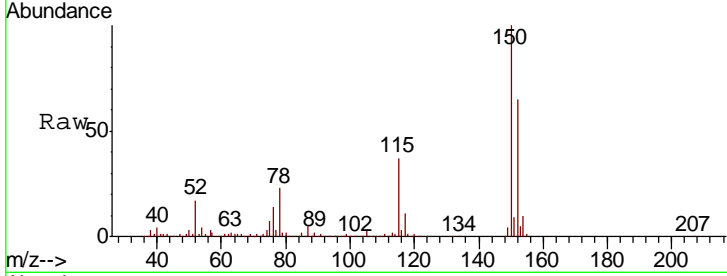




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

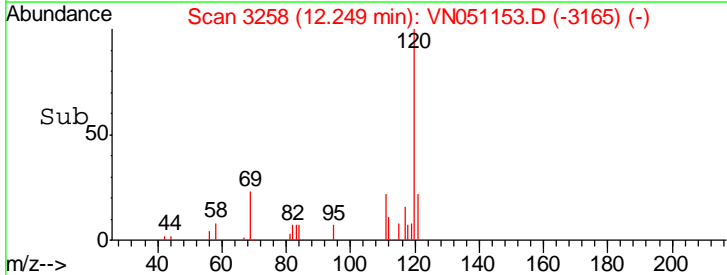
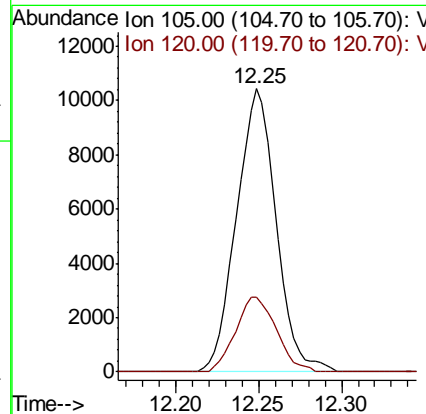
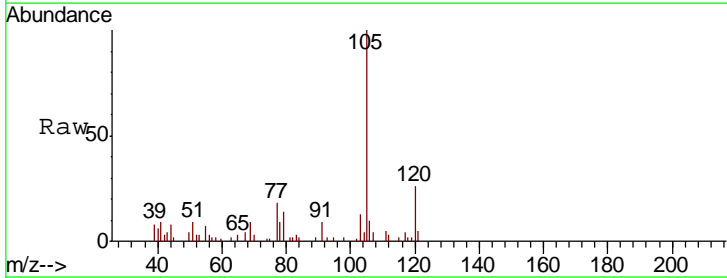
Instrument :
 MSVOA_N
 ClientSampled :
 28570

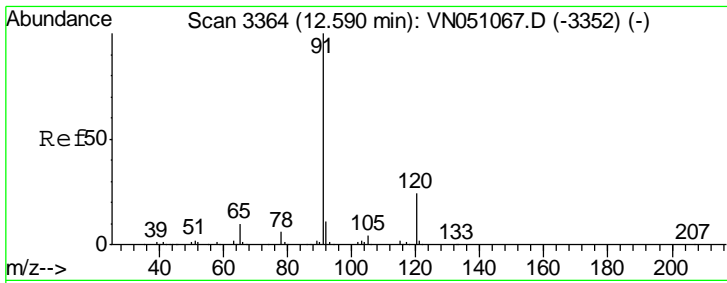
Tgt Ion	Resp	Lower	Upper
152	100		
115	64.2	28.2	84.7
150	156.7	0.0	349.0



#73
 Isopropylbenzene
 Concen: 0.64 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion	Resp	Lower	Upper
105	100		
120	27.3	13.6	40.7

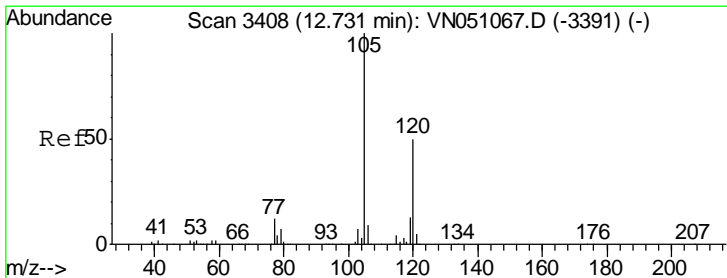
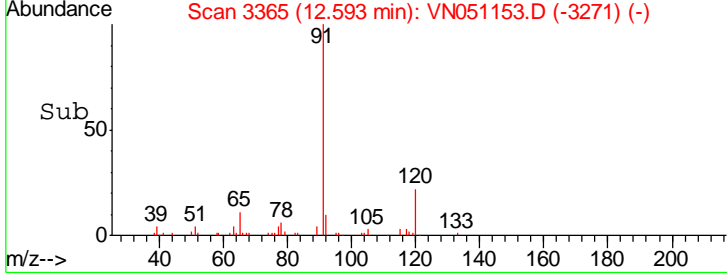
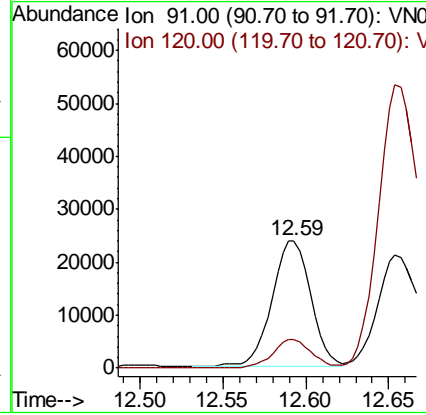
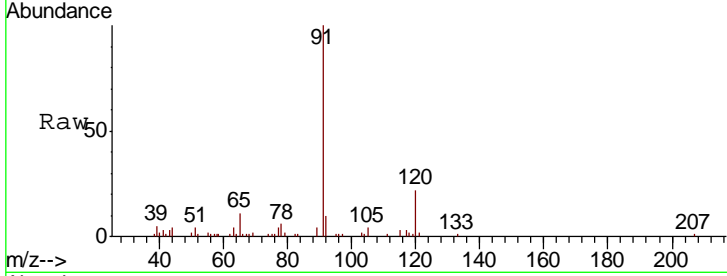




#78
 n-propylbenzene
 Concen: 1.32 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

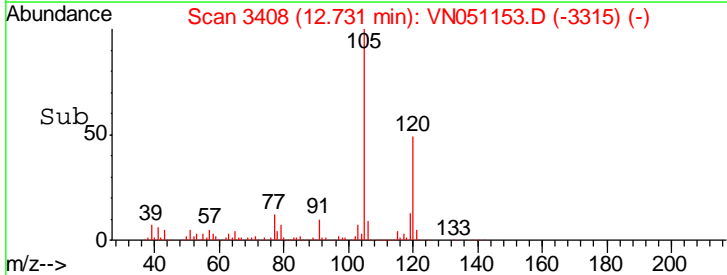
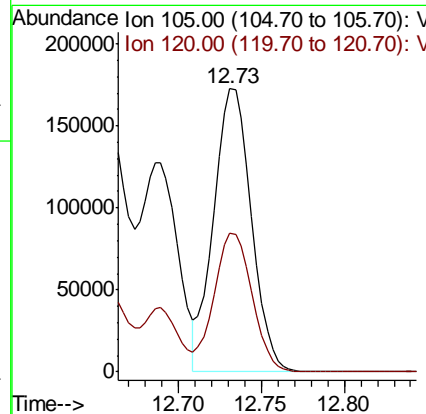
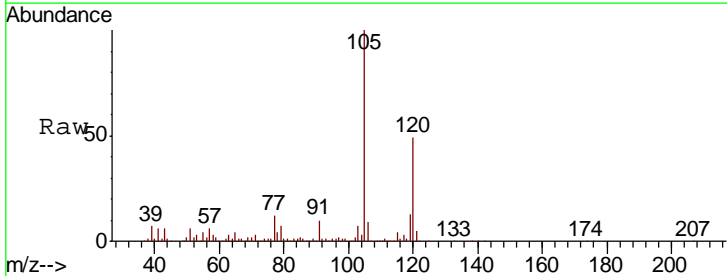
Instrument :
 MSVOA_N
 ClientSampled :
 28570

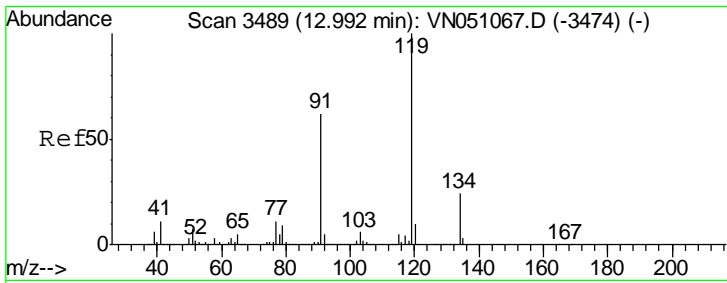
Tgt Ion: 91 Resp: 39133
 Ion Ratio Lower Upper
 91 100
 120 22.6 12.0 36.0



#80
 1,3,5-Trimethylbenzene
 Concen: 12.51 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion: 105 Resp: 271981
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6

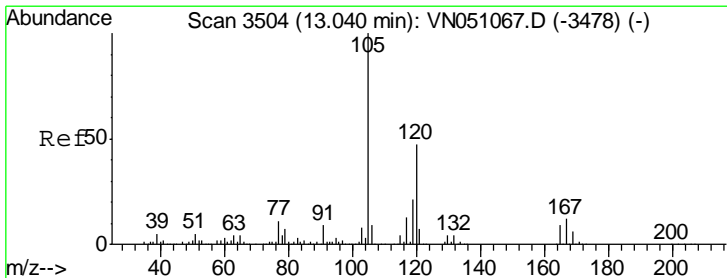
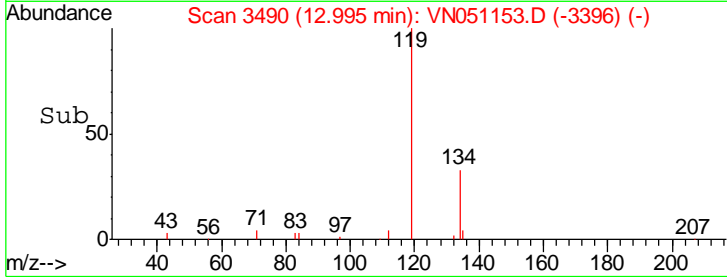
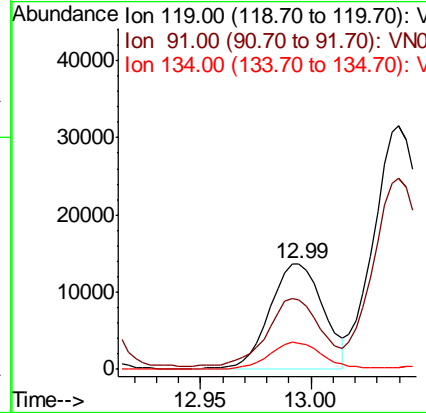
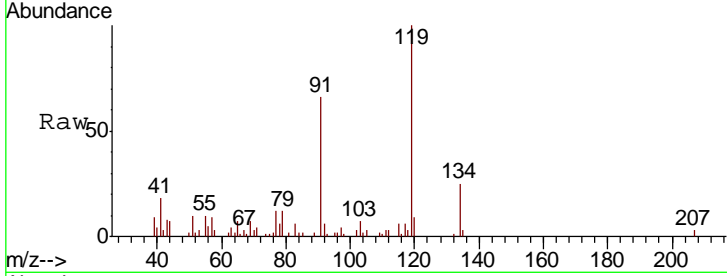




#83
 tert-Butylbenzene
 Concen: 1.21 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

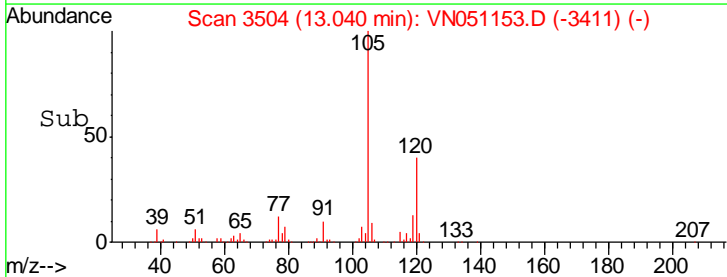
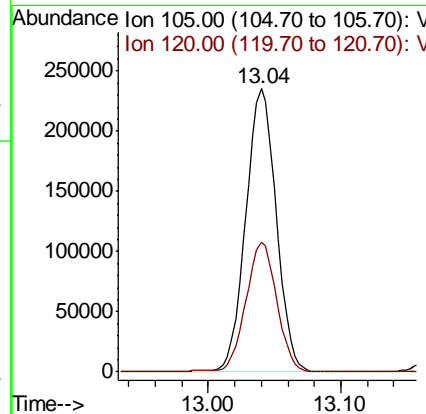
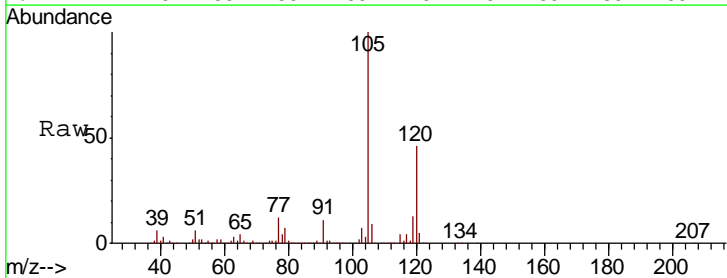
Instrument :
 MSVOA_N
 ClientSampled :
 28570

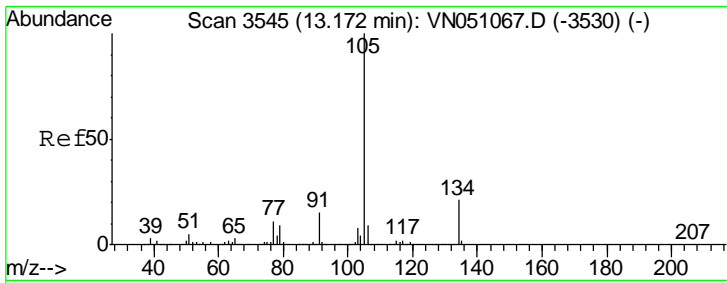
Tgt Ion	Resp	Lower	Upper
119	23143		
91	64.5	30.8	92.3
134	25.9	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 17.49 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion	Resp	Lower	Upper
105	373937		
120	46.2	23.3	69.8

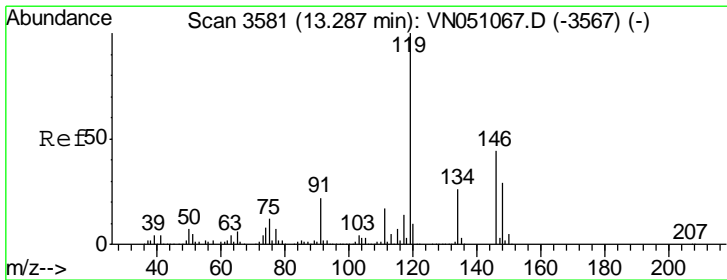
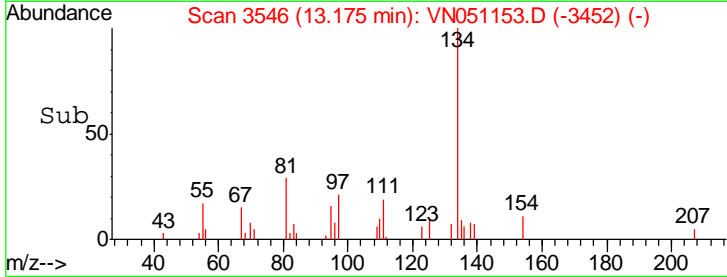
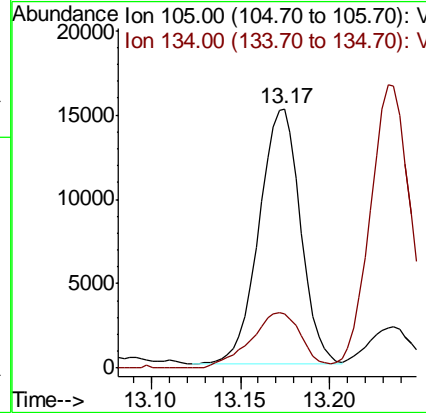
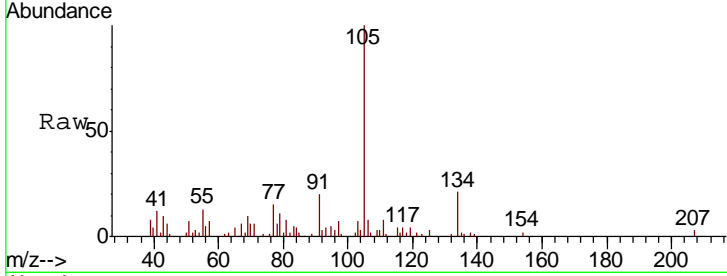




#85
 sec-Butylbenzene
 Concen: 0.99 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

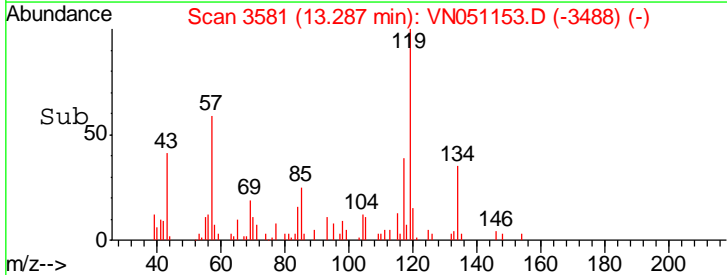
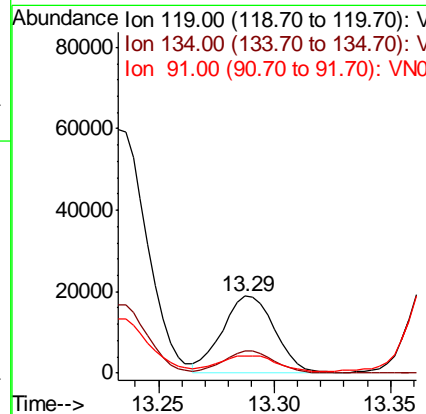
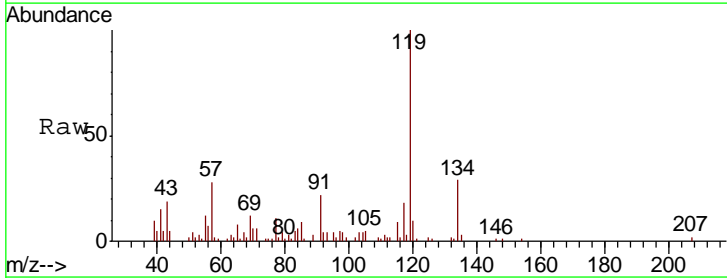
Instrument :
 MSVOA_N
 ClientSampled :
 28570

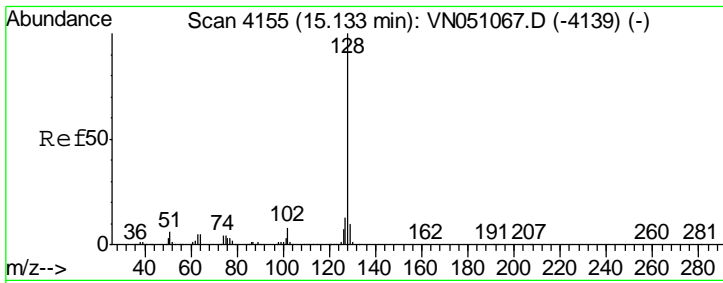
Tgt Ion	Resp	Lower	Upper
105	100		
134	26.9	10.4	31.4



#86
 p-Isopropyltoluene
 Concen: 1.40 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Tgt Ion	Resp	Lower	Upper
119	100		
134	28.6	13.5	40.4
91	21.8	10.9	32.9





#95
 Naphthalene
 Concen: 12.15 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN051153.D
 Acq: 12 Sep 2018 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 28570

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	9.6	8.6	12.8

